Summer Fellowship Report

KOHA CUSTOMISATION

Submitted by: Harsh Mehta

Under the guidance of

Dr. Manju Naika

Central Library

IIT Bombay

June 19,2020

Acknowledgment

I would like to express my special thanks of gratitude to FOSSEE, IIT Bombay who gave me the golden opportunity to do this summer fellowship with Koha. This fellowship helped me in doing a lot of research and I came to know about so many new things I am really thankful to them. It helped me to enhance my knowledge in software development and I also learnt about various tools and technologies. I feel grateful to have met professionals who guided me through this fellowship period.

I would also like to acknowledge the mentors of the Koha project, Dr. Manju Naika, Mr. Pravin Ghorpade, Mr. Bhagwan Nagapure and Mrs. Samruddhi Hawaldar- their careful and precious guidance which was extremely valuable during the course of this fellowship.

Contents

Chapter 1

Introduction

Koha is the first free and open source software library automation package (ILS). Development is sponsored by libraries of varying types and sizes, volunteers, and support companies from around the world. It is extremely customizable. Thus Koha, being quite an efficient ILS, provides the user the flexibility to customise the library and thus, add various features and improve the layout. It is used worldwide on a large scale thus making it a very popular ILMS. In addition, it is a free open source software thereby making it cost-effective as compared to other ILMS available in the market. Also, it has variety of features ranging from involving patrons to generating bills, invoices, sending notices and circulars, etc. Increasingly, specialized libraries such as music libraries, adopt Koha, as its open-source nature offers easier pathways to customization for their particular use cases.

Chapter 2

History of Koha

- Koha was created in 1999 by Katipo Communications for the Horowhenua Library Trust in New Zealand.
- The First installation went live in January 2000.
- By 2010, Koha has been translated from its original English into French, Chinese, Arabic and several other languages. Support for the cataloguing and search standards MARC and Z39.50 was added in 2002 and later sponsored by the Athens County Public Libraries.
- In 2014 the Ministry of Culture (Turkey) started to use Koha --Devinim version in 1,136 public libraries with more than 17,000,000 items and app. 2,000,000 active users. This is the biggest Koha installation for the moment.

Chapter 3

Technical Requirements:

- **OS- Linux, Windows, Mac OS**
- **Programming Language-** Perl
- **Database-** MySQL
- **Webserver-** Apache

Koha Version Used: 19.11.05

Chapter 4

Modules of Koha:

- Acquisition
- Cataloguing
- Patron Management
- Circulation
- Serial Control
- Report
- OPAC

Chapter 5

Purpose of the project

- The purchase suggestion form in koha is designed such that any patron logged-in koha can make a purchase suggestion via OPAC.
- Hence, if any alma-mater wants to allow only certain category of patrons to make purchase suggestions, it isn’t possible with the current koha as it doesn’t have this feature.
- Also, the suggestion process involves just one checkpoint i.e. only one STATUS can be selected thereby ending the process.
- Hence, if any institution wants to involve various staff members into the verification of the purchase suggestion process it isn’t feasible with the current koha.
- Also, in each step of this book-verification process a mail should be sent to the previous patron which isn’t available in current version of Koha.
- Thus, developing all these major features into Koha is ***the heart*** of this project.

Chapter 6

Objectives

Following were the objectives of the project:

- To restrict some category of patrons from making purchase suggestions.
- To add a feature using which a three-step verification of a newly made purchase suggestion can be performed.
- To design a mail system where-in an e-mail is sent to the concerned authority whenever the status of the purchase suggestion is changed.

Chapter 7

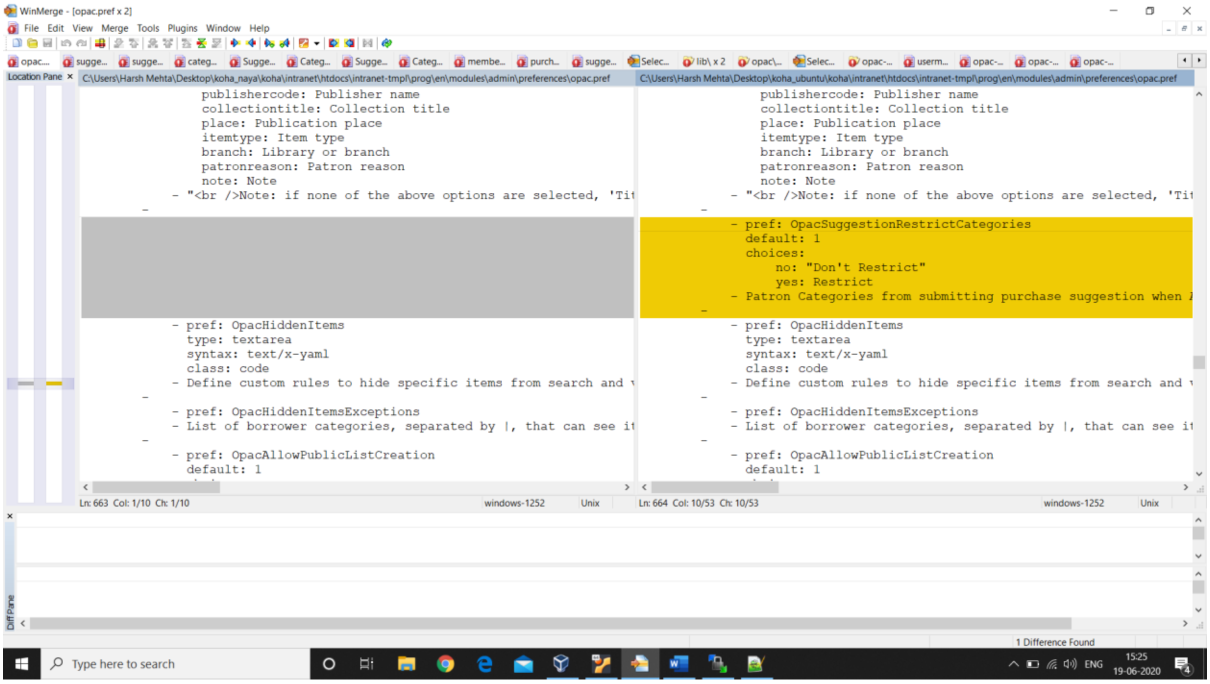
Code Snippets

File: opac.pref

Location: /usr/share/koha/intranet/htdocs/intranet-tmpl/prog/en/modules/admin/preferences

Code:

```
        - pref: OpacSuggestionRestrictCategories
          default: 1
          choices:
              no: "Don't Restrict"
              yes: Restrict
        - Patron Categories from submitting purchase suggestion when AnonSuggestions preference is turned off.
    -
```


WinMerge - [opac.pref x 2]
File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane
Diff Pane
Ln: 663 Col: 1/10 Ch: 1/10 windows-1252 Unix
Ln: 664 Col: 10/53 Ch: 10/53 windows-1252 Unix
1 Difference Found
Type here to search
ENG
15:25
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\admin\preferences\opac.pref

```
                publishercode: Publisher name
                collectiontitle: Collection title
                place: Publication place
                itemtype: Item type
                branch: Library or branch
                patronreason: Patron reason
                note: Note
            - "<br />Note: if none of the above options are selected, 'Ti
    -

            - pref: OpacHiddenItems
              type: textarea
              syntax: text/x-yaml
              class: code
            - Define custom rules to hide specific items from search and v
    -
            - pref: OpacHiddenItemsExceptions
            - List of borrower categories, separated by |, that can see it
    -
            - pref: OpacAllowPublicListCreation
              default: 1
```

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\admin\preferences\opac.pref

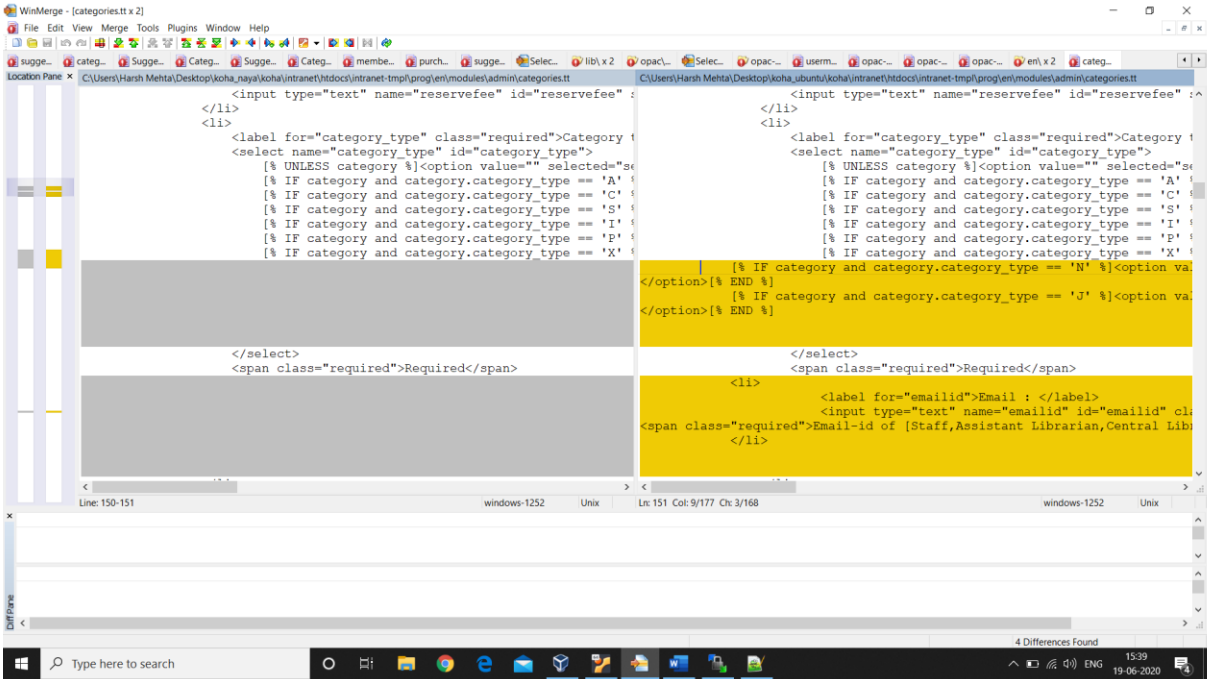
```
                publishercode: Publisher name
                collectiontitle: Collection title
                place: Publication place
                itemtype: Item type
                branch: Library or branch
                patronreason: Patron reason
                note: Note
            - "<br />Note: if none of the above options are selected, 'Ti
    -
            - pref: OpacSuggestionRestrictCategories
              default: 1
              choices:
                  no: "Don't Restrict"
                  yes: Restrict
            - Patron Categories from submitting purchase suggestion when A
    -
            - pref: OpacHiddenItems
              type: textarea
              syntax: text/x-yaml
              class: code
            - Define custom rules to hide specific items from search and v
    -
            - pref: OpacHiddenItemsExceptions
            - List of borrower categories, separated by |, that can see it
    -
            - pref: OpacAllowPublicListCreation
              default: 1
```

File:categories.tt

Location: /usr/share/koha/intranet/htdocs/intranet-tmpl/prog/en/modules/admin

Code:

```
                              [% IF category and category.category_type == 'N' %]<option value="N"
selected="selected">Assistant Librarian</option>[% ELSE %]<option value="N">Assistant
Librarian

</option>[% END %]

                              [% IF category and category.category_type == 'J' %]<option value="J"
selected="selected">Central Librarian</option>[% ELSE %]<option value="J">Central Librarian

</option>[% END %]




               </select>

               <span class="required">Required</span>

                       <li>

                    <label for="emailid">Email : </label>

                    <input type="text" name="emailid" id="emailid" class="email" value="[%
category.emailid | html %]/>

<span class="required">Email-id of [Staff,Assistant Librarian,Central Librarian]</span>

                       </li>
```



WinMerge - [categories.tt x 2]

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\admin\categories.tt

```
                    <input type="text" name="reservefee" id="reservefee" :
                </li>
                <li>
                    <label for="category_type" class="required">Category t
                    <select name="category_type" id="category_type">
                        [% UNLESS category %]<option value="" selected="se
                        [% IF category and category.category_type == 'A' %
                        [% IF category and category.category_type == 'C' %
                        [% IF category and category.category_type == 'S' %
                        [% IF category and category.category_type == 'I' %
                        [% IF category and category.category_type == 'P' %
                        [% IF category and category.category_type == 'X' %




                    </select>
                    <span class="required">Required</span>
```

Line: 150-151 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\admin\categories.tt

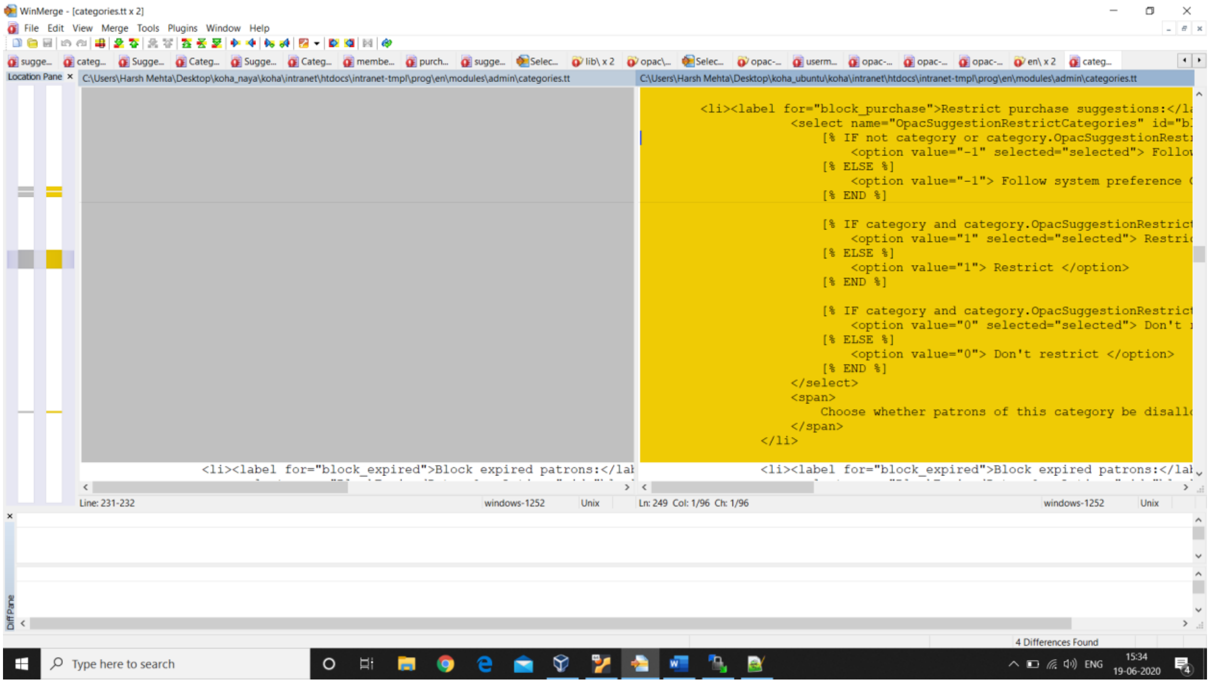
```
                    <input type="text" name="reservefee" id="reservefee" :
                </li>
                <li>
                    <label for="category_type" class="required">Category t
                    <select name="category_type" id="category_type">
                        [% UNLESS category %]<option value="" selected="se
                        [% IF category and category.category_type == 'A' %
                        [% IF category and category.category_type == 'C' %
                        [% IF category and category.category_type == 'S' %
                        [% IF category and category.category_type == 'I' %
                        [% IF category and category.category_type == 'P' %
                        [% IF category and category.category_type == 'X' %
                [% IF category and category.category_type == 'N' %]<option val
</option>[% END %]
                [% IF category and category.category_type == 'J' %]<option val
</option>[% END %]

                    </select>
                    <span class="required">Required</span>
                <li>
                        <label for="emailid">Email : </label>
                        <input type="text" name="emailid" id="emailid" cla
<span class="required">Email-id of [Staff,Assistant Librarian,Central Libr
                </li>
```

Ln: 151 Col: 9/177 Ch: 3/168 windows-1252 Unix

4 Differences Found

File Edit View Merge Tools Plugins Window Help
sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-... en\ x 2 categ...
Location Pane
Diff Pane
Type here to search
ENG
15:39
19-06-2020

```
                <li><label for="block_purchase">Restrict purchase suggestions:</label>
            <select name="OpacSuggestionRestrictCategories" id="block_expired">
              [% IF not category or category.OpacSuggestionRestrictCategories == -1%]
                <option value="-1" selected="selected"> Follow system preference
OpacSuggestionRestrictCategories </option>
              [% ELSE %]
                <option value="-1"> Follow system preference OpacSuggestionRestrictCategories
</option>
              [% END %]

              [% IF category and category.OpacSuggestionRestrictCategories == 1 %]
                <option value="1" selected="selected"> Restrict </option>
              [% ELSE %]
                <option value="1"> Restrict </option>
              [% END %]

              [% IF category and category.OpacSuggestionRestrictCategories == 0 %]
                <option value="0" selected="selected"> Don't restrict </option>
              [% ELSE %]
                <option value="0"> Don't restrict </option>
              [% END %]
            </select>
            <span>
              Choose whether patrons of this category be disallowed from making purchase
suggestions on OPAC if AnonSuggestions preference is turned off.
            </span>
          </li>
```



WinMerge - [categories.tt x 2]
File Edit View Merge Tools Plugins Window Help
sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-... en\ x 2 categ...
Location Pane
Diff Pane
4 Differences Found
Type here to search
ENG
15:34
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\admin\categories.tt

```
            <li><label for="block_expired">Block expired patrons:</lal
```

Line: 231-232 windows-1252 Unix

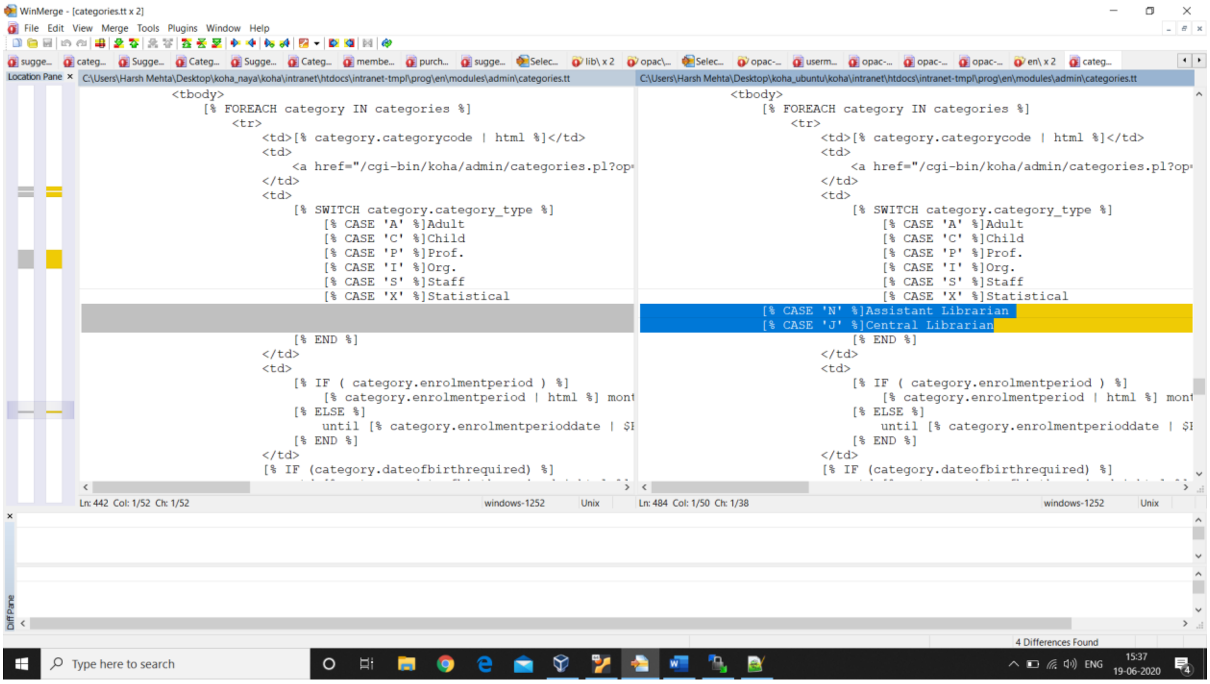
C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\admin\categories.tt

```
        <li><label for="block_purchase">Restrict purchase suggestions:</la
            <select name="OpacSuggestionRestrictCategories" id="bl
                [% IF not category or category.OpacSuggestionRestr
                    <option value="-1" selected="selected"> Follow
                [% ELSE %]
                    <option value="-1"> Follow system preference (
                [% END %]

                [% IF category and category.OpacSuggestionRestrict
                    <option value="1" selected="selected"> Restric
                [% ELSE %]
                    <option value="1"> Restrict </option>
                [% END %]

                [% IF category and category.OpacSuggestionRestrict
                    <option value="0" selected="selected"> Don't r
                [% ELSE %]
                    <option value="0"> Don't restrict </option>
                [% END %]
            </select>
            <span>
                Choose whether patrons of this category be disallo
            </span>
        </li>

        <li><label for="block_expired">Block expired patrons:</lal
```

Ln: 249 Col: 1/96 Ch: 1/96 windows-1252 Unix

[% CASE 'N' %]Assistant Librarian

[% CASE 'J' %]Central Librarian


WinMerge - [categories.tt x 2]
File Edit View Merge Tools Plugins Window Help
Location Pane
Diff Pane
Type here to search
ENG
15:37
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\admin\categories.tt

```
            <tbody>
                [% FOREACH category IN categories %]
                    <tr>
                        <td>[% category.categorycode | html %]</td>
                        <td>
                            <a href="/cgi-bin/koha/admin/categories.pl?op
                        </td>
                        <td>
                            [% SWITCH category.category_type %]
                                [% CASE 'A' %]Adult
                                [% CASE 'C' %]Child
                                [% CASE 'P' %]Prof.
                                [% CASE 'I' %]Org.
                                [% CASE 'S' %]Staff
                                [% CASE 'X' %]Statistical


                            [% END %]
                        </td>
                        <td>
                            [% IF ( category.enrolmentperiod ) %]
                                [% category.enrolmentperiod | html %] mont
                            [% ELSE %]
                                until [% category.enrolmentperioddate | $K
                            [% END %]
                        </td>
                        [% IF (category.dateofbirthrequired) %]
```

Ln: 442 Col: 1/52 Ch: 1/52 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\admin\categories.tt

```
            <tbody>
                [% FOREACH category IN categories %]
                    <tr>
                        <td>[% category.categorycode | html %]</td>
                        <td>
                            <a href="/cgi-bin/koha/admin/categories.pl?op
                        </td>
                        <td>
                            [% SWITCH category.category_type %]
                                [% CASE 'A' %]Adult
                                [% CASE 'C' %]Child
                                [% CASE 'P' %]Prof.
                                [% CASE 'I' %]Org.
                                [% CASE 'S' %]Staff
                                [% CASE 'X' %]Statistical
                [% CASE 'N' %]Assistant Librarian
                [% CASE 'J' %]Central Librarian
                            [% END %]
                        </td>
                        <td>
                            [% IF ( category.enrolmentperiod ) %]
                                [% category.enrolmentperiod | html %] mont
                            [% ELSE %]
                                until [% category.enrolmentperioddate | $K
                            [% END %]
                        </td>
                        [% IF (category.dateofbirthrequired) %]
```

Ln: 484 Col: 1/50 Ch: 1/38 windows-1252 Unix

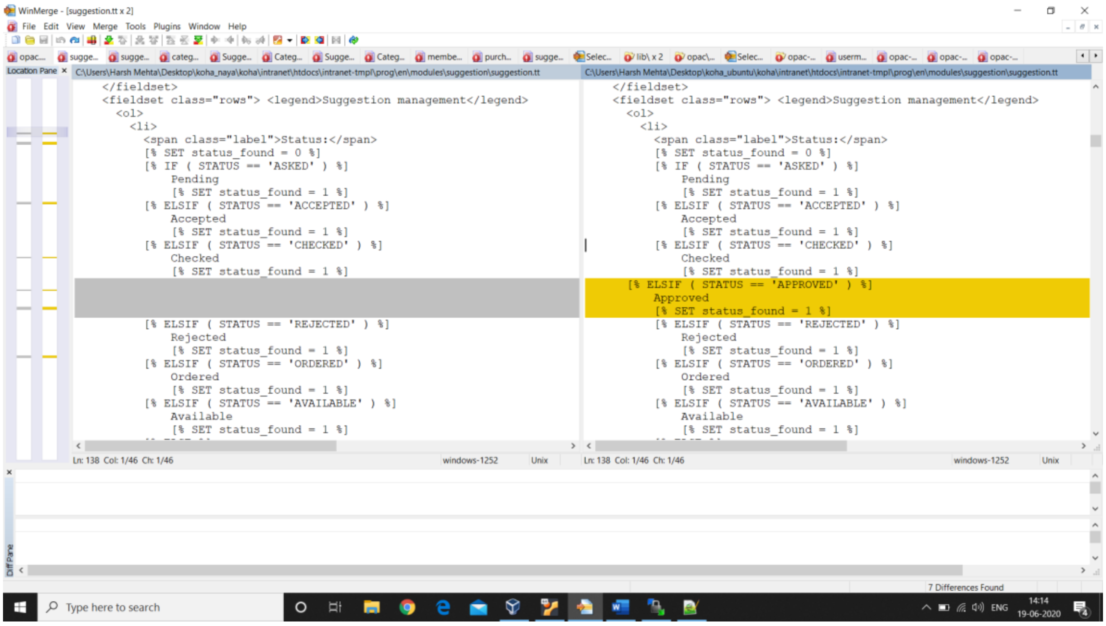
4 Differences Found

File:suggestion.tt

Location: /usr/share/koha/intranet/htdocs/intranet-tmpl/prog/en/modules/suggestion

Code:

```
[% ELSIF ( STATUS == 'APPROVED' ) %]
    Approved
    [% SET status_found = 1 %]
```



C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\suggestion\suggestion.tt

```
    </fieldset>
    <fieldset class="rows"> <legend>Suggestion management</legend>
      <ol>
        <li>
          <span class="label">Status:</span>
          [% SET status_found = 0 %]
          [% IF ( STATUS == 'ASKED' ) %]
              Pending
              [% SET status_found = 1 %]
          [% ELSIF ( STATUS == 'ACCEPTED' ) %]
              Accepted
              [% SET status_found = 1 %]
          [% ELSIF ( STATUS == 'CHECKED' ) %]
              Checked
              [% SET status_found = 1 %]



          [% ELSIF ( STATUS == 'REJECTED' ) %]
              Rejected
              [% SET status_found = 1 %]
          [% ELSIF ( STATUS == 'ORDERED' ) %]
              Ordered
              [% SET status_found = 1 %]
          [% ELSIF ( STATUS == 'AVAILABLE' ) %]
              Available
              [% SET status_found = 1 %]
```

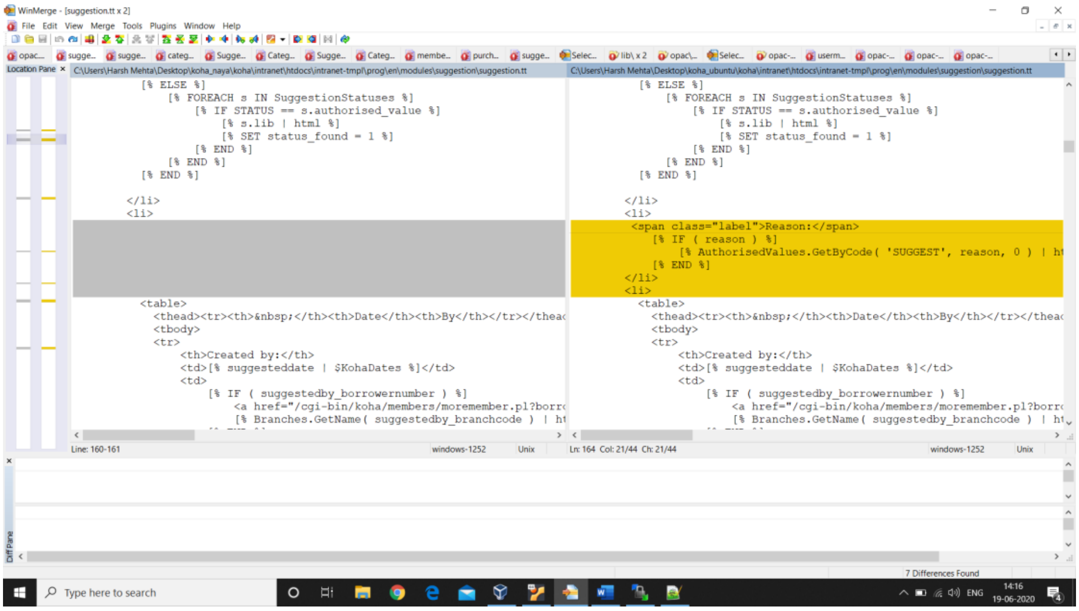
Ln: 138 Col: 1/46 Ch: 1/46 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\suggestion\suggestion.tt

```
    </fieldset>
    <fieldset class="rows"> <legend>Suggestion management</legend>
      <ol>
        <li>
          <span class="label">Status:</span>
          [% SET status_found = 0 %]
          [% IF ( STATUS == 'ASKED' ) %]
              Pending
              [% SET status_found = 1 %]
          [% ELSIF ( STATUS == 'ACCEPTED' ) %]
              Accepted
              [% SET status_found = 1 %]
          [% ELSIF ( STATUS == 'CHECKED' ) %]
              Checked
              [% SET status_found = 1 %]
      [% ELSIF ( STATUS == 'APPROVED' ) %]
          Approved
          [% SET status_found = 1 %]
          [% ELSIF ( STATUS == 'REJECTED' ) %]
              Rejected
              [% SET status_found = 1 %]
          [% ELSIF ( STATUS == 'ORDERED' ) %]
              Ordered
              [% SET status_found = 1 %]
          [% ELSIF ( STATUS == 'AVAILABLE' ) %]
              Available
              [% SET status_found = 1 %]
```

Ln: 138 Col: 1/46 Ch: 1/46 windows-1252 Unix

```
<span class="label">Reason:</span>
      [% IF ( reason ) %]
        [% AuthorisedValues.GetByCode( 'SUGGEST', reason, 0 ) | html %]
      [% END %]
    </li>
    <li>
```



WinMerge - [suggestion.tt x 2]
File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane
Diff Pane
Type here to search
ENG
14:16
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\suggestion\suggestion.tt

```
        [% ELSE %]
            [% FOREACH s IN SuggestionStatuses %]
                [% IF STATUS == s.authorised_value %]
                    [% s.lib | html %]
                    [% SET status_found = 1 %]
                [% END %]
            [% END %]
        [% END %]

    </li>
    <li>
        <table>
          <thead><tr><th>&nbsp;</th><th>Date</th><th>By</th></tr></thead
          <tbody>
          <tr>
              <th>Created by:</th>
              <td>[% suggesteddate | $KohaDates %]</td>
              <td>
                  [% IF ( suggestedby_borrowernumber ) %]
                      <a href="/cgi-bin/koha/members/moremember.pl?borro
                      [% Branches.GetName( suggestedby_branchcode ) | ht
```

Line: 160-161 windows-1252 Unix

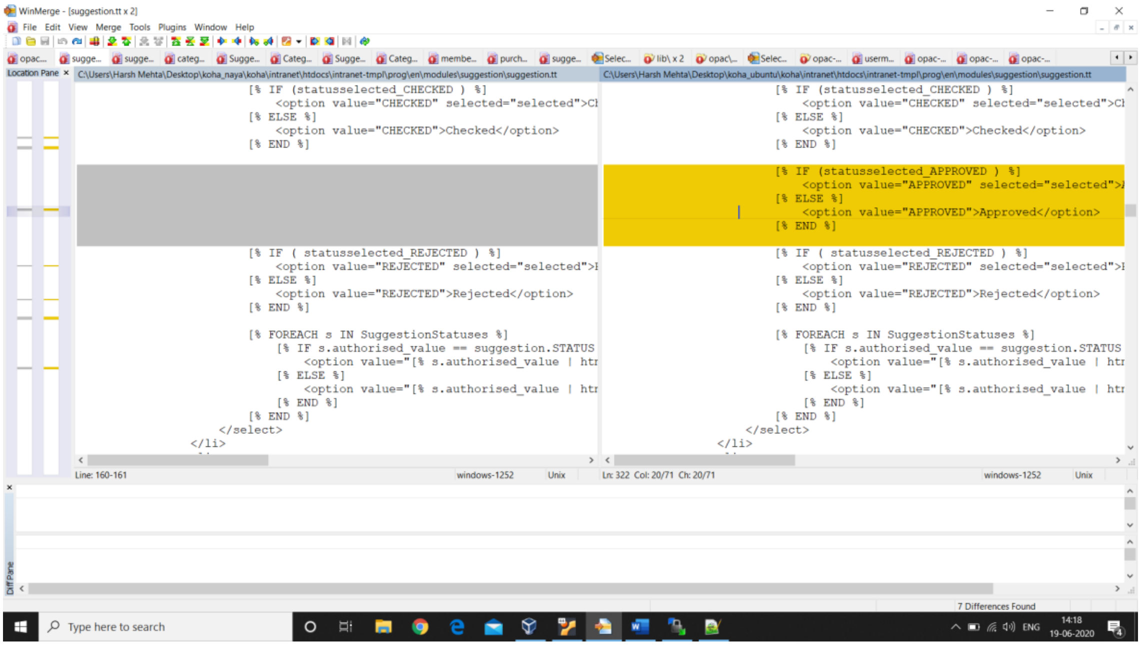
C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\suggestion\suggestion.tt

```
        [% ELSE %]
            [% FOREACH s IN SuggestionStatuses %]
                [% IF STATUS == s.authorised_value %]
                    [% s.lib | html %]
                    [% SET status_found = 1 %]
                [% END %]
            [% END %]
        [% END %]

    </li>
    <li>
     <span class="label">Reason:</span>
        [% IF ( reason ) %]
            [% AuthorisedValues.GetByCode( 'SUGGEST', reason, 0 ) | ht
        [% END %]
    </li>
    <li>
        <table>
          <thead><tr><th>&nbsp;</th><th>Date</th><th>By</th></tr></thead
          <tbody>
          <tr>
              <th>Created by:</th>
              <td>[% suggesteddate | $KohaDates %]</td>
              <td>
                  [% IF ( suggestedby_borrowernumber ) %]
                      <a href="/cgi-bin/koha/members/moremember.pl?borro
                      [% Branches.GetName( suggestedby_branchcode ) | ht
```

Ln: 164 Col: 21/44 Ch: 21/44 windows-1252 Unix

7 Differences Found

```
[% IF (statusselected_APPROVED ) %]
   <option value="APPROVED" selected="selected">Approved</option>
[% ELSE %]
   <option value="APPROVED">Approved</option>
[% END %]
```



WinMerge - [suggestion.tt x 2]

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\suggestion\suggestion.tt

```
                    [% IF (statusselected_CHECKED ) %]
                        <option value="CHECKED" selected="selected">Cl
                    [% ELSE %]
                        <option value="CHECKED">Checked</option>
                    [% END %]






                    [% IF ( statusselected_REJECTED ) %]
                        <option value="REJECTED" selected="selected">I
                    [% ELSE %]
                        <option value="REJECTED">Rejected</option>
                    [% END %]

                    [% FOREACH s IN SuggestionStatuses %]
                        [% IF s.authorised_value == suggestion.STATUS
                            <option value="[% s.authorised_value | htr
                        [% ELSE %]
                            <option value="[% s.authorised_value | htr
                        [% END %]
                    [% END %]
                </select>
            </li>
```

Line: 160-161 windows-1252 Unix

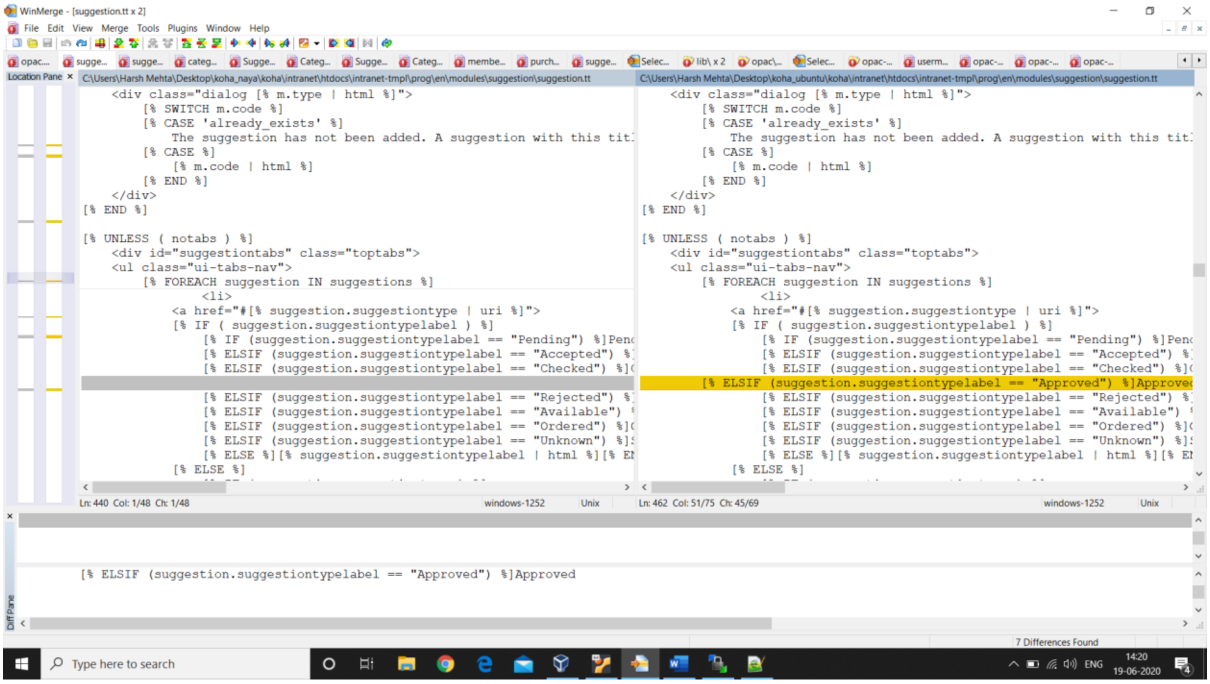
C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\suggestion\suggestion.tt

```
                    [% IF (statusselected_CHECKED ) %]
                        <option value="CHECKED" selected="selected">Cl
                    [% ELSE %]
                        <option value="CHECKED">Checked</option>
                    [% END %]

                    [% IF (statusselected_APPROVED ) %]
                        <option value="APPROVED" selected="selected">
                    [% ELSE %]
                        <option value="APPROVED">Approved</option>
                    [% END %]
                    [% IF ( statusselected_REJECTED ) %]
                        <option value="REJECTED" selected="selected">I
                    [% ELSE %]
                        <option value="REJECTED">Rejected</option>
                    [% END %]

                    [% FOREACH s IN SuggestionStatuses %]
                        [% IF s.authorised_value == suggestion.STATUS
                            <option value="[% s.authorised_value | htr
                        [% ELSE %]
                            <option value="[% s.authorised_value | htr
                        [% END %]
                    [% END %]
                </select>
            </li>
```

Ln: 322 Col: 20/71 Ch: 20/71 windows-1252 Unix

7 Differences Found

[% ELSIF (suggestion.suggestiontypelabel == "Approved") %]Approved



WinMerge - [suggestion.tt x 2]

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\suggestion\suggestion.tt

```
    <div class="dialog [% m.type | html %]">
        [% SWITCH m.code %]
        [% CASE 'already_exists' %]
            The suggestion has not been added. A suggestion with this titl
        [% CASE %]
            [% m.code | html %]
        [% END %]
    </div>
[% END %]

[% UNLESS ( notabs ) %]
    <div id="suggestiontabs" class="toptabs">
    <ul class="ui-tabs-nav">
        [% FOREACH suggestion IN suggestions %]
            <li>
            <a href="#[% suggestion.suggestiontype | uri %]">
            [% IF ( suggestion.suggestiontypelabel ) %]
                [% IF (suggestion.suggestiontypelabel == "Pending") %]Penc
                [% ELSIF (suggestion.suggestiontypelabel == "Accepted") %]
                [% ELSIF (suggestion.suggestiontypelabel == "Checked") %](

                [% ELSIF (suggestion.suggestiontypelabel == "Rejected") %]
                [% ELSIF (suggestion.suggestiontypelabel == "Available") %
                [% ELSIF (suggestion.suggestiontypelabel == "Ordered") %](
                [% ELSIF (suggestion.suggestiontypelabel == "Unknown") %]S
                [% ELSE %][% suggestion.suggestiontypelabel | html %][% EI
            [% ELSE %]
```

Ln: 440 Col: 1/48 Ch: 1/48 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\suggestion\suggestion.tt

```
    <div class="dialog [% m.type | html %]">
        [% SWITCH m.code %]
        [% CASE 'already_exists' %]
            The suggestion has not been added. A suggestion with this titl
        [% CASE %]
            [% m.code | html %]
        [% END %]
    </div>
[% END %]

[% UNLESS ( notabs ) %]
    <div id="suggestiontabs" class="toptabs">
    <ul class="ui-tabs-nav">
        [% FOREACH suggestion IN suggestions %]
            <li>
            <a href="#[% suggestion.suggestiontype | uri %]">
            [% IF ( suggestion.suggestiontypelabel ) %]
                [% IF (suggestion.suggestiontypelabel == "Pending") %]Penc
                [% ELSIF (suggestion.suggestiontypelabel == "Accepted") %]
                [% ELSIF (suggestion.suggestiontypelabel == "Checked") %](
        [% ELSIF (suggestion.suggestiontypelabel == "Approved") %]Approved
                [% ELSIF (suggestion.suggestiontypelabel == "Rejected") %]
                [% ELSIF (suggestion.suggestiontypelabel == "Available") %
                [% ELSIF (suggestion.suggestiontypelabel == "Ordered") %](
                [% ELSIF (suggestion.suggestiontypelabel == "Unknown") %]S
                [% ELSE %][% suggestion.suggestiontypelabel | html %][% EI
            [% ELSE %]
```

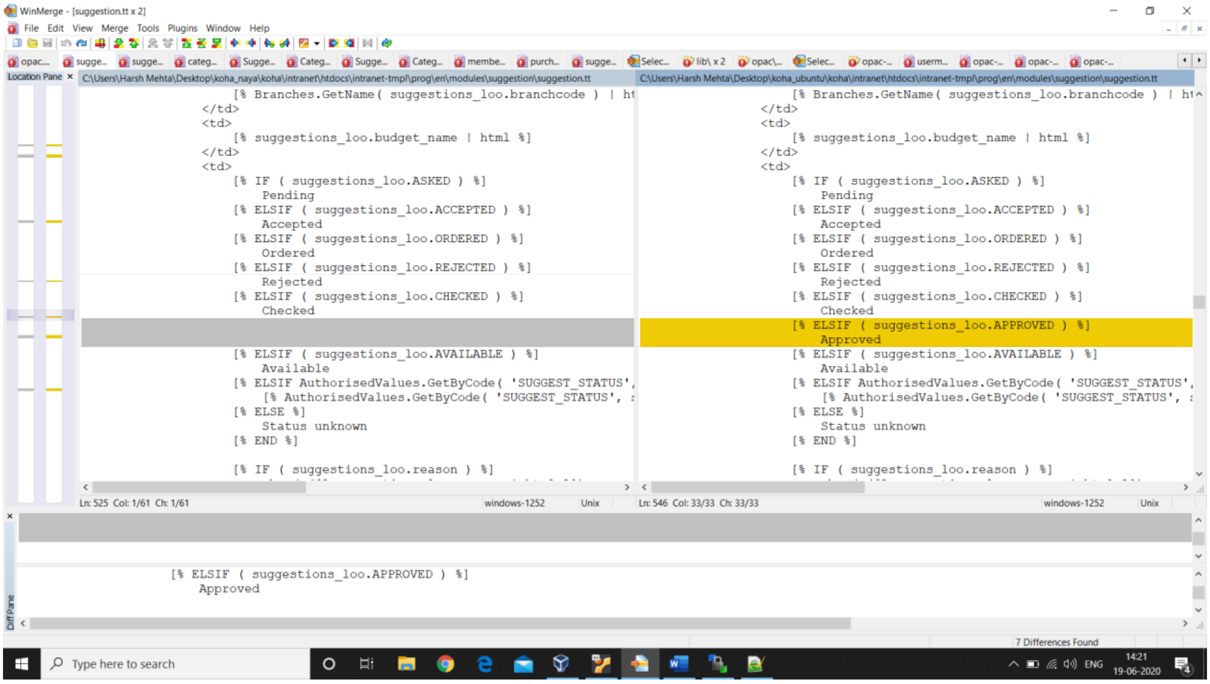
Ln: 462 Col: 51/75 Ch: 45/69 windows-1252 Unix

```
[% ELSIF (suggestion.suggestiontypelabel == "Approved") %]Approved
```

7 Differences Found

[% ELSIF (suggestions_loo.APPROVED) %]

Approved


WinMerge - [suggestion.tt x 2]
File Edit View Merge Tools Plugins Window Help
Location Pane
Diff Pane
Type here to search
ENG
14:21
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\suggestion\suggestion.tt

```
                [% Branches.GetName( suggestions_loo.branchcode ) | ht
            </td>
            <td>
                [% suggestions_loo.budget_name | html %]
            </td>
            <td>
                [% IF ( suggestions_loo.ASKED ) %]
                    Pending
                [% ELSIF ( suggestions_loo.ACCEPTED ) %]
                    Accepted
                [% ELSIF ( suggestions_loo.ORDERED ) %]
                    Ordered
                [% ELSIF ( suggestions_loo.REJECTED ) %]
                    Rejected
                [% ELSIF ( suggestions_loo.CHECKED ) %]
                    Checked

                [% ELSIF ( suggestions_loo.AVAILABLE ) %]
                    Available
                [% ELSIF AuthorisedValues.GetByCode( 'SUGGEST_STATUS',
                     [% AuthorisedValues.GetByCode( 'SUGGEST_STATUS', :
                [% ELSE %]
                    Status unknown
                [% END %]

                [% IF ( suggestions_loo.reason ) %]
```

Ln: 525 Col: 1/61 Ch: 1/61 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\suggestion\suggestion.tt

```
                [% Branches.GetName( suggestions_loo.branchcode ) | ht
            </td>
            <td>
                [% suggestions_loo.budget_name | html %]
            </td>
            <td>
                [% IF ( suggestions_loo.ASKED ) %]
                    Pending
                [% ELSIF ( suggestions_loo.ACCEPTED ) %]
                    Accepted
                [% ELSIF ( suggestions_loo.ORDERED ) %]
                    Ordered
                [% ELSIF ( suggestions_loo.REJECTED ) %]
                    Rejected
                [% ELSIF ( suggestions_loo.CHECKED ) %]
                    Checked
                [% ELSIF ( suggestions_loo.APPROVED ) %]
                    Approved
                [% ELSIF ( suggestions_loo.AVAILABLE ) %]
                    Available
                [% ELSIF AuthorisedValues.GetByCode( 'SUGGEST_STATUS',
                     [% AuthorisedValues.GetByCode( 'SUGGEST_STATUS', :
                [% ELSE %]
                    Status unknown
                [% END %]

                [% IF ( suggestions_loo.reason ) %]
```

Ln: 546 Col: 33/33 Ch: 33/33 windows-1252 Unix

```
                [% ELSIF ( suggestions_loo.APPROVED ) %]
                    Approved
```

7 Differences Found

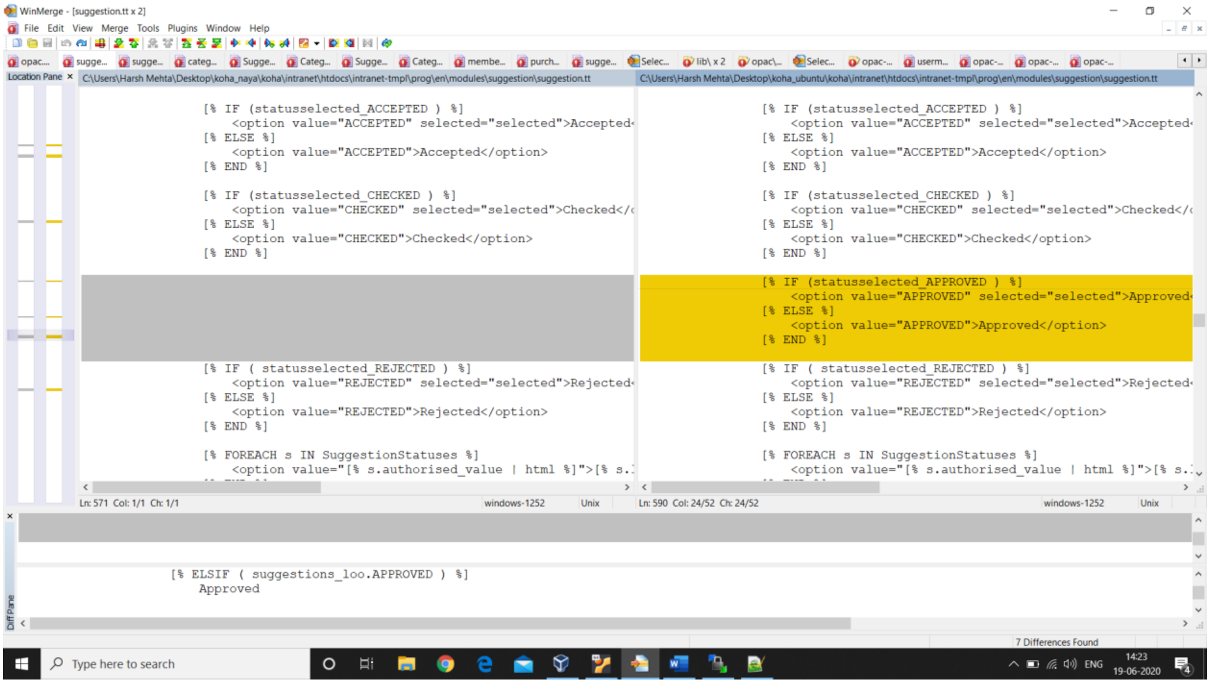
[% IF (statusselected_APPROVED) %]

<option value="APPROVED" selected="selected">Approved</option>

[% ELSE %]

<option value="APPROVED">Approved</option>

[% END %]


WinMerge - [suggestion.tt x 2]
File Edit View Merge Tools Plugins Window Help
Location Pane
Diff Pane
Type here to search
ENG
14:23
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\suggestion\suggestion.tt

```

            [% IF (statusselected_ACCEPTED ) %]
                <option value="ACCEPTED" selected="selected">Accepted
            [% ELSE %]
                <option value="ACCEPTED">Accepted</option>
            [% END %]

            [% IF (statusselected_CHECKED ) %]
                <option value="CHECKED" selected="selected">Checked</
            [% ELSE %]
                <option value="CHECKED">Checked</option>
            [% END %]





            [% IF ( statusselected_REJECTED ) %]
                <option value="REJECTED" selected="selected">Rejected
            [% ELSE %]
                <option value="REJECTED">Rejected</option>
            [% END %]

            [% FOREACH s IN SuggestionStatuses %]
                <option value="[% s.authorised_value | html %]">[% s.
```

Ln: 571 Col: 1/1 Ch: 1/1 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\suggestion\suggestion.tt

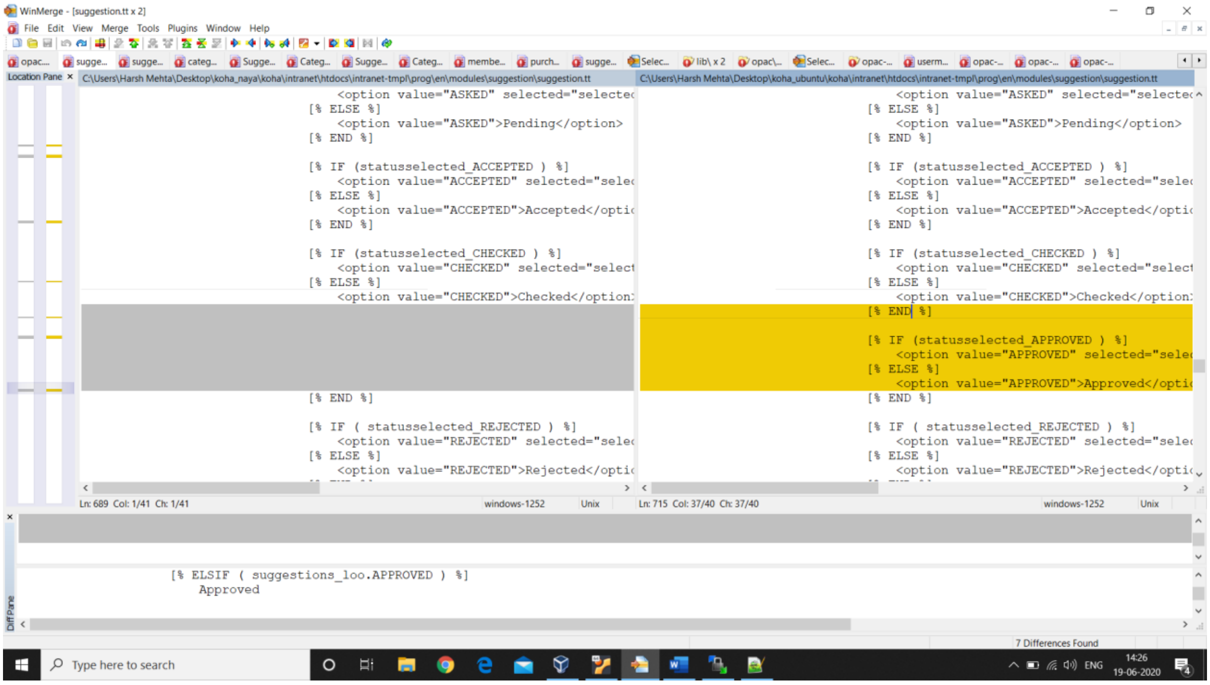
```

            [% IF (statusselected_ACCEPTED ) %]
                <option value="ACCEPTED" selected="selected">Accepted
            [% ELSE %]
                <option value="ACCEPTED">Accepted</option>
            [% END %]

            [% IF (statusselected_CHECKED ) %]
                <option value="CHECKED" selected="selected">Checked</
            [% ELSE %]
                <option value="CHECKED">Checked</option>
            [% END %]

            [% IF (statusselected_APPROVED ) %]
                <option value="APPROVED" selected="selected">Approved
            [% ELSE %]
                <option value="APPROVED">Approved</option>
            [% END %]

            [% IF ( statusselected_REJECTED ) %]
                <option value="REJECTED" selected="selected">Rejected
            [% ELSE %]
                <option value="REJECTED">Rejected</option>
            [% END %]

            [% FOREACH s IN SuggestionStatuses %]
                <option value="[% s.authorised_value | html %]">[% s.
```

Ln: 590 Col: 24/52 Ch: 24/52 windows-1252 Unix

```
                [% ELSIF ( suggestions_loo.APPROVED ) %]
                    Approved
```

7 Differences Found

```
                    [% END %]

[% IF (statusselected_APPROVED ) %]
    <option value="APPROVED" selected="selected">Approved</option>
[% ELSE %]
    <option value="APPROVED">Approved</option>
```


WinMerge - [suggestion.tt x 2]
File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane
Diff Pane
Type here to search
ENG
14:26
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\suggestion\suggestion.tt

```
    <option value="ASKED" selected="selectec
[% ELSE %]
    <option value="ASKED">Pending</option>
[% END %]

[% IF (statusselected_ACCEPTED ) %]
    <option value="ACCEPTED" selected="selec
[% ELSE %]
    <option value="ACCEPTED">Accepted</optic
[% END %]

[% IF (statusselected_CHECKED ) %]
    <option value="CHECKED" selected="select
[% ELSE %]
    <option value="CHECKED">Checked</option:





[% END %]

[% IF ( statusselected_REJECTED ) %]
    <option value="REJECTED" selected="selec
[% ELSE %]
    <option value="REJECTED">Rejected</optic
```

Ln: 689 Col: 1/41 Ch: 1/41 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\suggestion\suggestion.tt

```
    <option value="ASKED" selected="selectec
[% ELSE %]
    <option value="ASKED">Pending</option>
[% END %]

[% IF (statusselected_ACCEPTED ) %]
    <option value="ACCEPTED" selected="selec
[% ELSE %]
    <option value="ACCEPTED">Accepted</optic
[% END %]

[% IF (statusselected_CHECKED ) %]
    <option value="CHECKED" selected="select
[% ELSE %]
    <option value="CHECKED">Checked</option:
[% END %]

[% IF (statusselected_APPROVED ) %]
    <option value="APPROVED" selected="selec
[% ELSE %]
    <option value="APPROVED">Approved</optic
[% END %]

[% IF ( statusselected_REJECTED ) %]
    <option value="REJECTED" selected="selec
[% ELSE %]
    <option value="REJECTED">Rejected</optic
```

Ln: 715 Col: 37/40 Ch: 37/40 windows-1252 Unix

```
            [% ELSIF ( suggestions_loo.APPROVED ) %]
                Approved
```

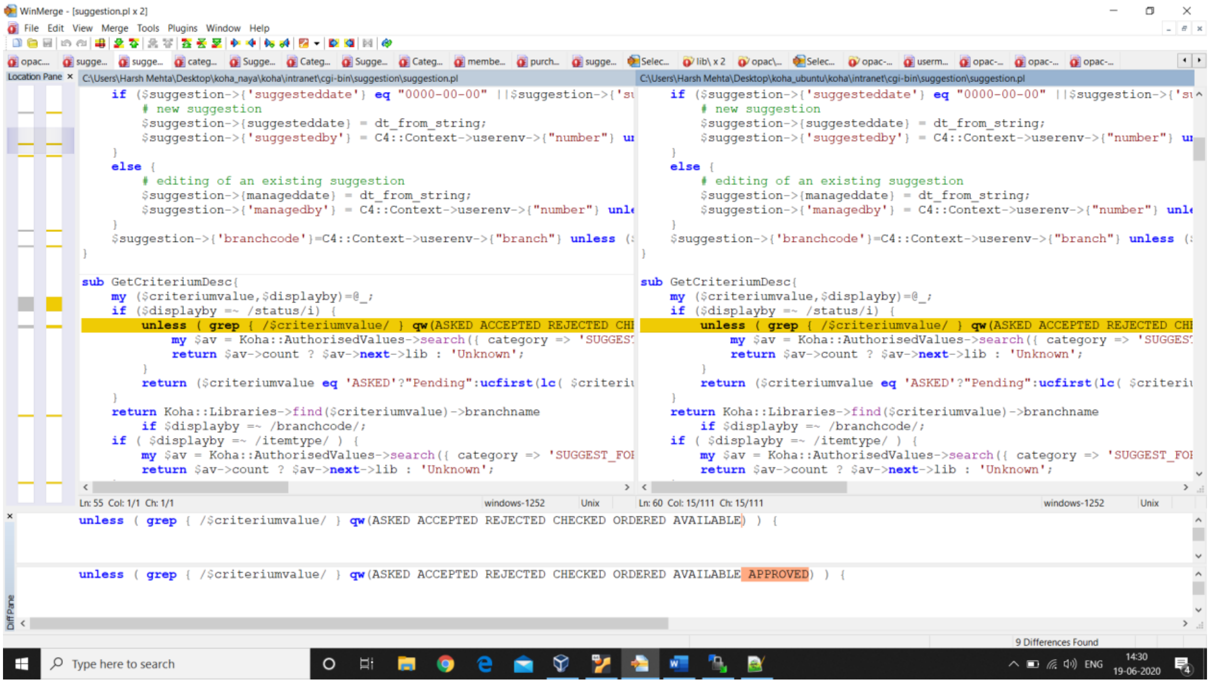
7 Differences Found

File: /usr/share/koha/intranet/cgi-bin/suggestion

Location:suggestion.pl

Code:

```
        unless ( grep { /$criteriumvalue/ } qw(ASKED ACCEPTED REJECTED CHECKED
ORDERED AVAILABLE APPROVED) ) {
```


WinMerge - [suggestion.pl x 2]
File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane
Diff Pane
Type here to search
ENG
14:30
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\cgi-bin\suggestion\suggestion.pl

```
    if ($suggestion->{'suggesteddate'} eq "0000-00-00" ||$suggestion->{'su
        # new suggestion
        $suggestion->{suggesteddate} = dt_from_string;
        $suggestion->{'suggestedby'} = C4::Context->userenv->{"number"} un
    }
    else {
        # editing of an existing suggestion
        $suggestion->{manageddate} = dt_from_string;
        $suggestion->{'managedby'} = C4::Context->userenv->{"number"} unle
    }
    $suggestion->{'branchcode'}=C4::Context->userenv->{"branch"} unless (:
}

sub GetCriteriumDesc{
    my ($criteriumvalue,$displayby)=@_;
    if ($displayby =~ /status/i) {
        unless ( grep { /$criteriumvalue/ } qw(ASKED ACCEPTED REJECTED CHI
            my $av = Koha::AuthorisedValues->search({ category => 'SUGGEST
            return $av->count ? $av->next->lib : 'Unknown';
        }
        return ($criteriumvalue eq 'ASKED'?"Pending":ucfirst(lc( $criteri
    }
    return Koha::Libraries->find($criteriumvalue)->branchname
        if $displayby =~ /branchcode/;
    if ( $displayby =~ /itemtype/ ) {
        my $av = Koha::AuthorisedValues->search({ category => 'SUGGEST_FOI
        return $av->count ? $av->next->lib : 'Unknown';
```

Ln: 55 Col: 1/1 Ch: 1/1 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\cgi-bin\suggestion\suggestion.pl

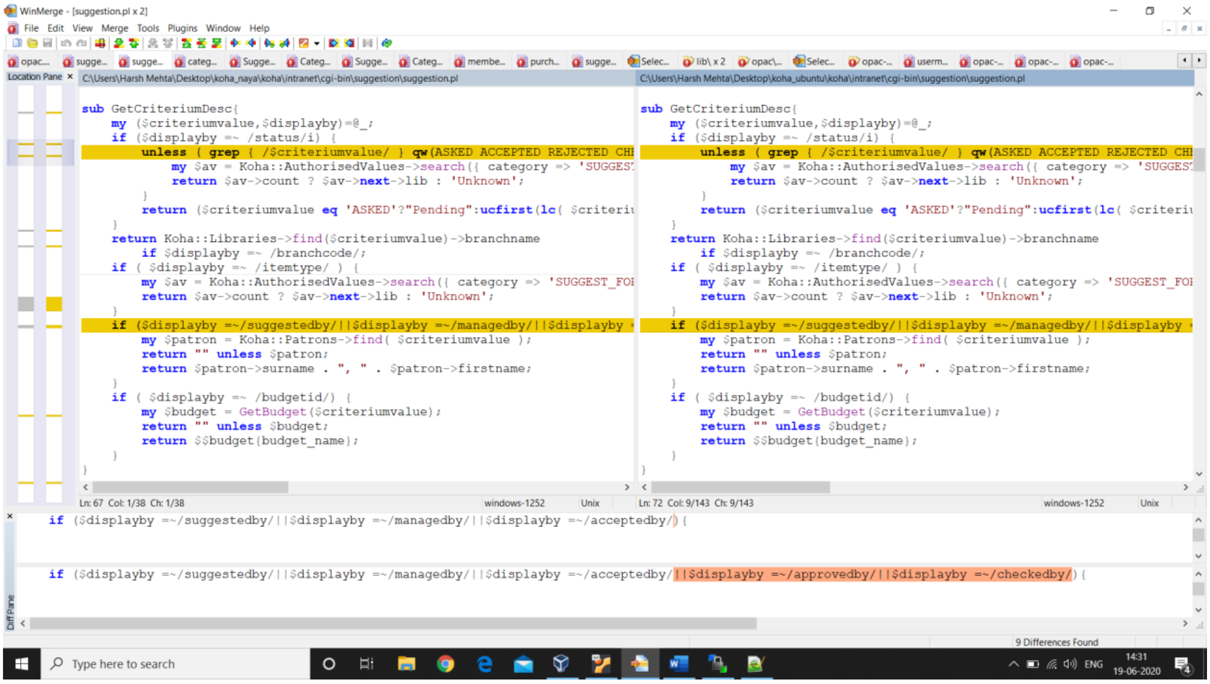
```
    if ($suggestion->{'suggesteddate'} eq "0000-00-00" ||$suggestion->{'su
        # new suggestion
        $suggestion->{suggesteddate} = dt_from_string;
        $suggestion->{'suggestedby'} = C4::Context->userenv->{"number"} un
    }
    else {
        # editing of an existing suggestion
        $suggestion->{manageddate} = dt_from_string;
        $suggestion->{'managedby'} = C4::Context->userenv->{"number"} unle
    }
    $suggestion->{'branchcode'}=C4::Context->userenv->{"branch"} unless (:
}

sub GetCriteriumDesc{
    my ($criteriumvalue,$displayby)=@_;
    if ($displayby =~ /status/i) {
        unless ( grep { /$criteriumvalue/ } qw(ASKED ACCEPTED REJECTED CHI
            my $av = Koha::AuthorisedValues->search({ category => 'SUGGEST
            return $av->count ? $av->next->lib : 'Unknown';
        }
        return ($criteriumvalue eq 'ASKED'?"Pending":ucfirst(lc( $criteri
    }
    return Koha::Libraries->find($criteriumvalue)->branchname
        if $displayby =~ /branchcode/;
    if ( $displayby =~ /itemtype/ ) {
        my $av = Koha::AuthorisedValues->search({ category => 'SUGGEST_FOI
        return $av->count ? $av->next->lib : 'Unknown';
```

Ln: 60 Col: 15/111 Ch: 15/111 windows-1252 Unix

```
        unless ( grep { /$criteriumvalue/ } qw(ASKED ACCEPTED REJECTED CHECKED ORDERED AVAILABLE) ) {

        unless ( grep { /$criteriumvalue/ } qw(ASKED ACCEPTED REJECTED CHECKED ORDERED AVAILABLE APPROVED) ) {
```

9 Differences Found

if ($displayby =~/suggestedby/||$displayby =~/managedby/||$displayby =~/acceptedby/||$displayby =~/approvedby/||$displayby =~/checkedby/){


WinMerge - [suggestion.pl x 2]
File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane
Diff Pane
Type here to search
ENG
14:31
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\cgi-bin\suggestion\suggestion.pl

```
sub GetCriteriumDesc{
    my ($criteriumvalue,$displayby)=@_;
    if ($displayby =~ /status/i) {
        unless ( grep { /$criteriumvalue/ } qw(ASKED ACCEPTED REJECTED CHI
            my $av = Koha::AuthorisedValues->search({ category => 'SUGGEST
            return $av->count ? $av->next->lib : 'Unknown';
        }
        return ($criteriumvalue eq 'ASKED'?"Pending":ucfirst(lc( $criteriu
    }
    return Koha::Libraries->find($criteriumvalue)->branchname
        if $displayby =~ /branchcode/;
    if ( $displayby =~ /itemtype/ ) {
        my $av = Koha::AuthorisedValues->search({ category => 'SUGGEST_FOI
        return $av->count ? $av->next->lib : 'Unknown';
    }
    if ($displayby =~/suggestedby/||$displayby =~/managedby/||$displayby =
        my $patron = Koha::Patrons->find( $criteriumvalue );
        return "" unless $patron;
        return $patron->surname . ", " . $patron->firstname;
    }
    if ( $displayby =~ /budgetid/) {
        my $budget = GetBudget($criteriumvalue);
        return "" unless $budget;
        return $$budget{budget_name};
    }
}
```

Ln: 67 Col: 1/38 Ch: 1/38 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\cgi-bin\suggestion\suggestion.pl

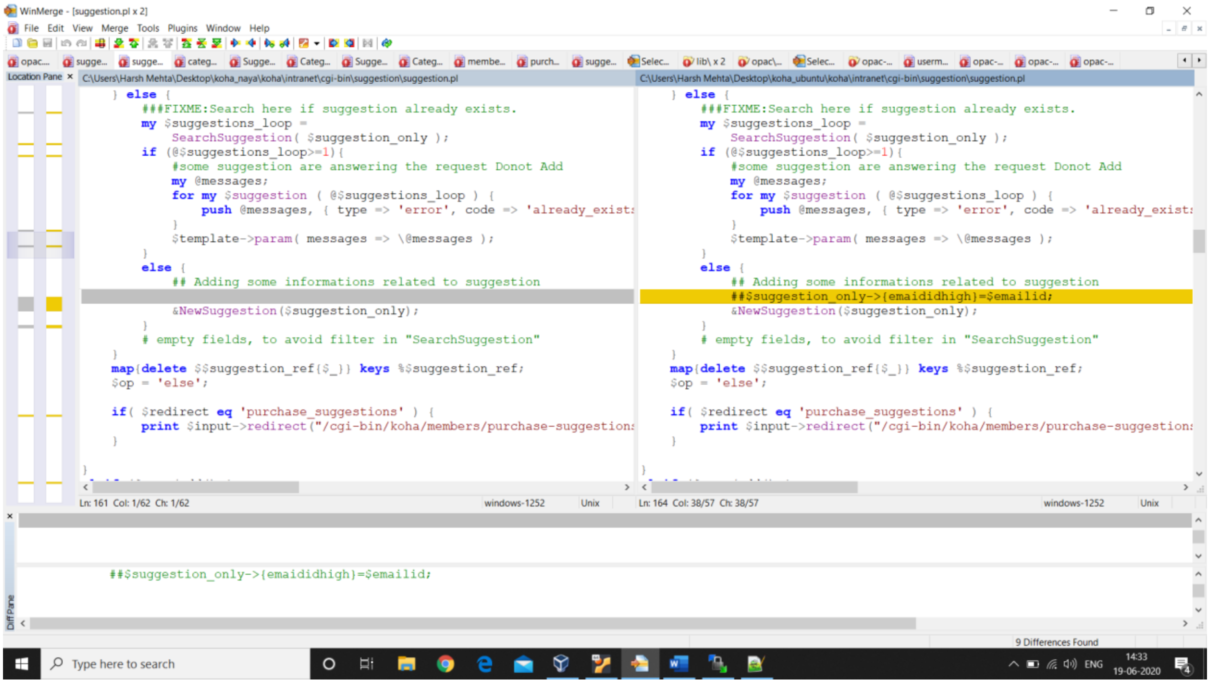
```
sub GetCriteriumDesc{
    my ($criteriumvalue,$displayby)=@_;
    if ($displayby =~ /status/i) {
        unless ( grep { /$criteriumvalue/ } qw(ASKED ACCEPTED REJECTED CHI
            my $av = Koha::AuthorisedValues->search({ category => 'SUGGEST
            return $av->count ? $av->next->lib : 'Unknown';
        }
        return ($criteriumvalue eq 'ASKED'?"Pending":ucfirst(lc( $criteriu
    }
    return Koha::Libraries->find($criteriumvalue)->branchname
        if $displayby =~ /branchcode/;
    if ( $displayby =~ /itemtype/ ) {
        my $av = Koha::AuthorisedValues->search({ category => 'SUGGEST_FOI
        return $av->count ? $av->next->lib : 'Unknown';
    }
    if ($displayby =~/suggestedby/||$displayby =~/managedby/||$displayby =
        my $patron = Koha::Patrons->find( $criteriumvalue );
        return "" unless $patron;
        return $patron->surname . ", " . $patron->firstname;
    }
    if ( $displayby =~ /budgetid/) {
        my $budget = GetBudget($criteriumvalue);
        return "" unless $budget;
        return $$budget{budget_name};
    }
}
```

Ln: 72 Col: 9/143 Ch: 9/143 windows-1252 Unix

```
    if ($displayby =~/suggestedby/||$displayby =~/managedby/||$displayby =~/acceptedby/){

    if ($displayby =~/suggestedby/||$displayby =~/managedby/||$displayby =~/acceptedby/||$displayby =~/approvedby/||$displayby =~/checkedby/){
```

9 Differences Found

##$suggestion_only->{emaididhigh}=$emailid;


WinMerge - [suggestion.pl x 2]
File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane
Diff Pane
Type here to search
ENG
14:33
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\cgi-bin\suggestion\suggestion.pl

```
    } else {
        ###FIXME:Search here if suggestion already exists.
        my $suggestions_loop =
            SearchSuggestion( $suggestion_only );
        if (@$suggestions_loop>=1){
            #some suggestion are answering the request Donot Add
            my @messages;
            for my $suggestion ( @$suggestions_loop ) {
                push @messages, { type => 'error', code => 'already_exists
            }
            $template->param( messages => \@messages );
        }
        else {
            ## Adding some informations related to suggestion

            &NewSuggestion($suggestion_only);
        }
        # empty fields, to avoid filter in "SearchSuggestion"
    }
    map{delete $$suggestion_ref{$_}} keys %$suggestion_ref;
    $op = 'else';

    if( $redirect eq 'purchase_suggestions' ) {
        print $input->redirect("/cgi-bin/koha/members/purchase-suggestions
    }

}
```

Ln: 161 Col: 1/62 Ch: 1/62 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\cgi-bin\suggestion\suggestion.pl

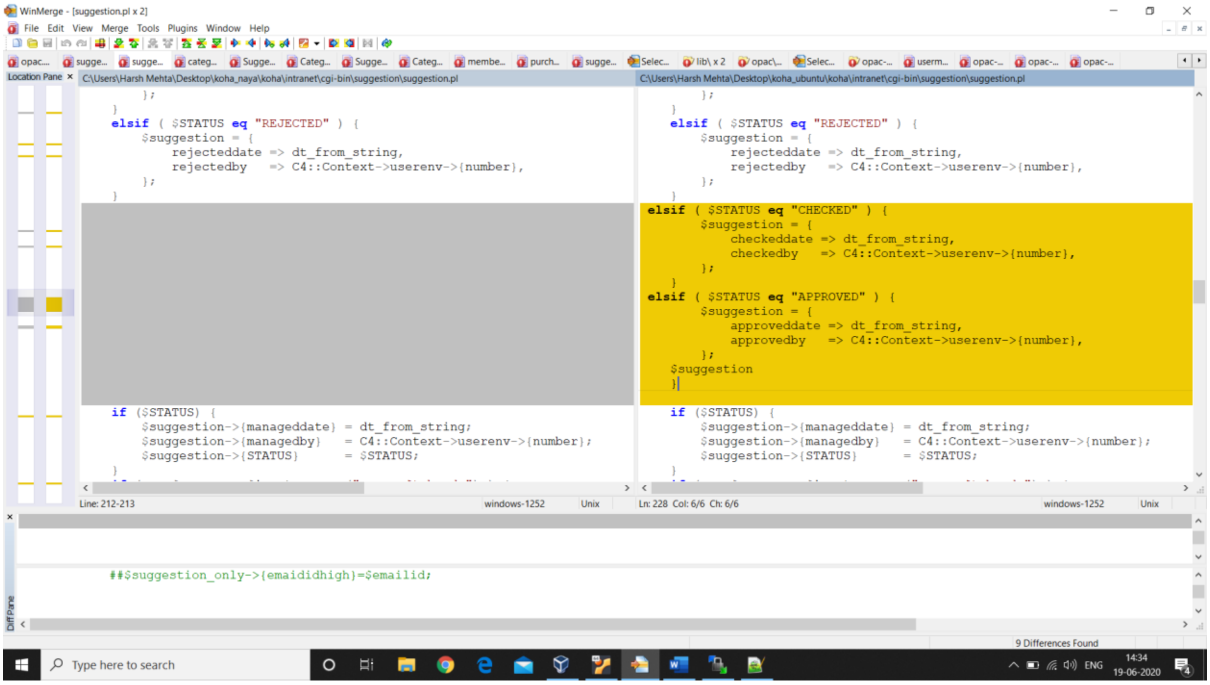
```
    } else {
        ###FIXME:Search here if suggestion already exists.
        my $suggestions_loop =
            SearchSuggestion( $suggestion_only );
        if (@$suggestions_loop>=1){
            #some suggestion are answering the request Donot Add
            my @messages;
            for my $suggestion ( @$suggestions_loop ) {
                push @messages, { type => 'error', code => 'already_exists
            }
            $template->param( messages => \@messages );
        }
        else {
            ## Adding some informations related to suggestion
            ##$suggestion_only->{emaididhigh}=$emailid;
            &NewSuggestion($suggestion_only);
        }
        # empty fields, to avoid filter in "SearchSuggestion"
    }
    map{delete $$suggestion_ref{$_}} keys %$suggestion_ref;
    $op = 'else';

    if( $redirect eq 'purchase_suggestions' ) {
        print $input->redirect("/cgi-bin/koha/members/purchase-suggestions
    }

}
```

Ln: 164 Col: 38/57 Ch: 38/57 windows-1252 Unix

```
        ##$suggestion_only->{emaididhigh}=$emailid;
```

9 Differences Found

```
elsif ( $STATUS eq "CHECKED" ) {
        $suggestion = {
            checkeddate => dt_from_string,
            checkedby   => C4::Context->userenv->{number},
        };
    }
 elsif ( $STATUS eq "APPROVED" ) {
        $suggestion = {
            approveddate => dt_from_string,
            approvedby   => C4::Context->userenv->{number},
        };
             $suggestion
    }
```



WinMerge - [suggestion.pl x 2]

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\cgi-bin\suggestion\suggestion.pl

```
        };
    }
    elsif ( $STATUS eq "REJECTED" ) {
        $suggestion = {
            rejecteddate => dt_from_string,
            rejectedby   => C4::Context->userenv->{number},
        };
    }

    if ($STATUS) {
        $suggestion->{manageddate} = dt_from_string;
        $suggestion->{managedby}   = C4::Context->userenv->{number};
        $suggestion->{STATUS}      = $STATUS;
    }
```

Line: 212-213 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\cgi-bin\suggestion\suggestion.pl

```
        };
    }
    elsif ( $STATUS eq "REJECTED" ) {
        $suggestion = {
            rejecteddate => dt_from_string,
            rejectedby   => C4::Context->userenv->{number},
        };
    }
 elsif ( $STATUS eq "CHECKED" ) {
        $suggestion = {
            checkeddate => dt_from_string,
            checkedby   => C4::Context->userenv->{number},
        };
    }
 elsif ( $STATUS eq "APPROVED" ) {
        $suggestion = {
            approveddate => dt_from_string,
            approvedby   => C4::Context->userenv->{number},
        };
    $suggestion
    }
    if ($STATUS) {
        $suggestion->{manageddate} = dt_from_string;
        $suggestion->{managedby}   = C4::Context->userenv->{number};
        $suggestion->{STATUS}      = $STATUS;
    }
```

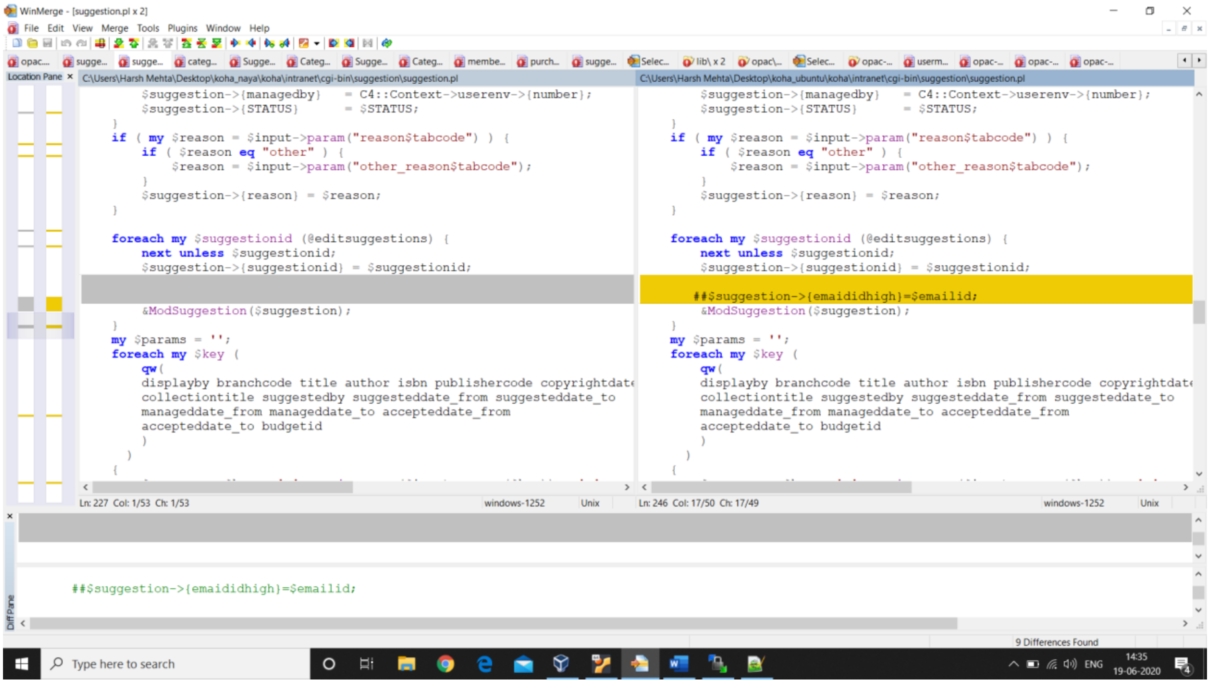
Ln: 228 Col: 6/6 Ch: 6/6 windows-1252 Unix

```
        ##$suggestion_only->{emaididhigh}=$emailid;
```

9 Differences Found

File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane
Diff Pane
Type here to search
ENG
14:34
19-06-2020

##$suggestion->{emaididhigh}=$emailid;



C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\cgi-bin\suggestion\suggestion.pl

```
        $suggestion->{managedby}    = C4::Context->userenv->{number};
        $suggestion->{STATUS}       = $STATUS;
    }
    if ( my $reason = $input->param("reason$tabcode") ) {
        if ( $reason eq "other" ) {
            $reason = $input->param("other_reason$tabcode");
        }
        $suggestion->{reason} = $reason;
    }

    foreach my $suggestionid (@editsuggestions) {
        next unless $suggestionid;
        $suggestion->{suggestionid} = $suggestionid;


        &ModSuggestion($suggestion);
    }
    my $params = '';
    foreach my $key (
        qw(
        displayby branchcode title author isbn publishercode copyrightdate
        collectiontitle suggestedby suggesteddate_from suggesteddate_to
        manageddate_from manageddate_to accepteddate_from
        accepteddate_to budgetid
        )
      )
    {
```

Ln: 227 Col: 1/53 Ch: 1/53 windows-1252 Unix

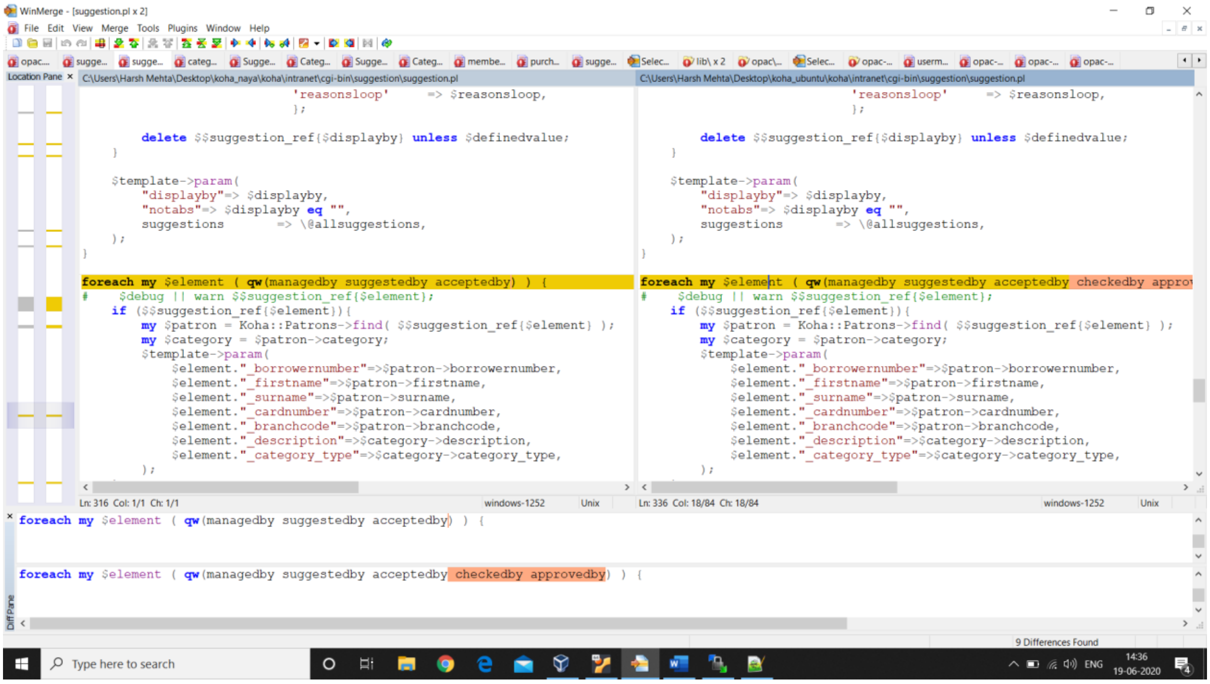
C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\cgi-bin\suggestion\suggestion.pl

```
        $suggestion->{managedby}    = C4::Context->userenv->{number};
        $suggestion->{STATUS}       = $STATUS;
    }
    if ( my $reason = $input->param("reason$tabcode") ) {
        if ( $reason eq "other" ) {
            $reason = $input->param("other_reason$tabcode");
        }
        $suggestion->{reason} = $reason;
    }

    foreach my $suggestionid (@editsuggestions) {
        next unless $suggestionid;
        $suggestion->{suggestionid} = $suggestionid;

       ##$suggestion->{emaididhigh}=$emailid;
        &ModSuggestion($suggestion);
    }
    my $params = '';
    foreach my $key (
        qw(
        displayby branchcode title author isbn publishercode copyrightdate
        collectiontitle suggestedby suggesteddate_from suggesteddate_to
        manageddate_from manageddate_to accepteddate_from
        accepteddate_to budgetid
        )
      )
    {
```

Ln: 246 Col: 17/50 Ch: 17/49 windows-1252 Unix

```
       ##$suggestion->{emaididhigh}=$emailid;
```

foreach my $element (qw(managedby suggestedby acceptedby checkedby approvedby)) {



C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\cgi-bin\suggestion\suggestion.pl

```
                    'reasonsloop'      => $reasonsloop,
                    };

        delete $$suggestion_ref{$displayby} unless $definedvalue;
    }

    $template->param(
        "displayby"=> $displayby,
        "notabs"=> $displayby eq "",
        suggestions       => \@allsuggestions,
    );
}

foreach my $element ( qw(managedby suggestedby acceptedby) ) {
#    $debug || warn $$suggestion_ref{$element};
    if ($$suggestion_ref{$element}){
        my $patron = Koha::Patrons->find( $$suggestion_ref{$element} );
        my $category = $patron->category;
        $template->param(
            $element."_borrowernumber"=>$patron->borrowernumber,
            $element."_firstname"=>$patron->firstname,
            $element."_surname"=>$patron->surname,
            $element."_cardnumber"=>$patron->cardnumber,
            $element."_branchcode"=>$patron->branchcode,
            $element."_description"=>$category->description,
            $element."_category_type"=>$category->category_type,
        );
```

Ln: 316 Col: 1/1 Ch: 1/1 windows-1252 Unix

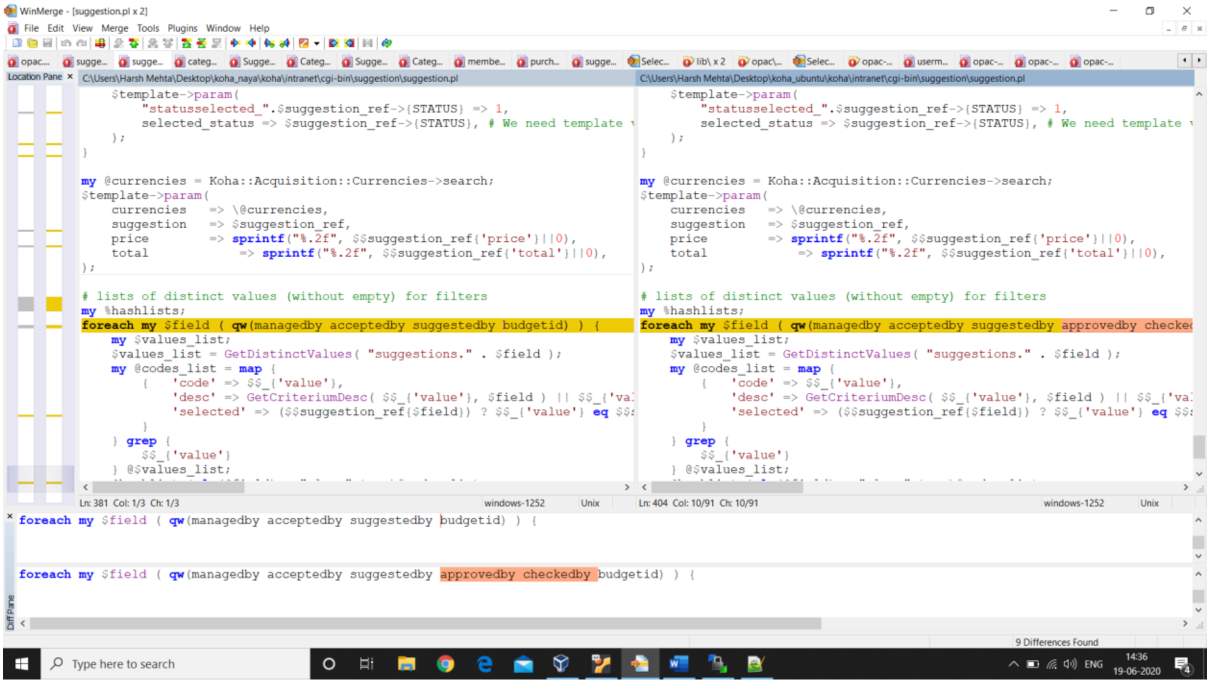
C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\cgi-bin\suggestion\suggestion.pl

```
                    'reasonsloop'      => $reasonsloop,
                    };

        delete $$suggestion_ref{$displayby} unless $definedvalue;
    }

    $template->param(
        "displayby"=> $displayby,
        "notabs"=> $displayby eq "",
        suggestions       => \@allsuggestions,
    );
}

foreach my $element ( qw(managedby suggestedby acceptedby checkedby approv
#    $debug || warn $$suggestion_ref{$element};
    if ($$suggestion_ref{$element}){
        my $patron = Koha::Patrons->find( $$suggestion_ref{$element} );
        my $category = $patron->category;
        $template->param(
            $element."_borrowernumber"=>$patron->borrowernumber,
            $element."_firstname"=>$patron->firstname,
            $element."_surname"=>$patron->surname,
            $element."_cardnumber"=>$patron->cardnumber,
            $element."_branchcode"=>$patron->branchcode,
            $element."_description"=>$category->description,
            $element."_category_type"=>$category->category_type,
        );
```

Ln: 336 Col: 18/84 Ch: 18/84 windows-1252 Unix

```
foreach my $element ( qw(managedby suggestedby acceptedby) ) {


foreach my $element ( qw(managedby suggestedby acceptedby checkedby approvedby) ) {
```

foreach my $field (qw(managedby acceptedby suggestedby approvedby checkedby budgetid)) {



C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\cgi-bin\suggestion\suggestion.pl

```
    $template->param(
        "statusselected_".$suggestion_ref->{STATUS} => 1,
        selected_status => $suggestion_ref->{STATUS}, # We need template v
    );
}

my @currencies = Koha::Acquisition::Currencies->search;
$template->param(
    currencies    => \@currencies,
    suggestion    => $suggestion_ref,
    price         => sprintf("%.2f", $$suggestion_ref{'price'}||0),
    total             => sprintf("%.2f", $$suggestion_ref{'total'}||0),
);

# lists of distinct values (without empty) for filters
my %hashlists;
foreach my $field ( qw(managedby acceptedby suggestedby budgetid) ) {
    my $values_list;
    $values_list = GetDistinctValues( "suggestions." . $field );
    my @codes_list = map {
        {   'code' => $$_{'value'},
            'desc' => GetCriteriumDesc( $$_{'value'}, $field ) || $$_{'val
            'selected' => ($$suggestion_ref{$field}) ? $$_{'value'} eq $$s
        }
    } grep {
        $$_{'value'}
    } @$values_list;
```

Ln: 381 Col: 1/3 Ch: 1/3 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\cgi-bin\suggestion\suggestion.pl

```
    $template->param(
        "statusselected_".$suggestion_ref->{STATUS} => 1,
        selected_status => $suggestion_ref->{STATUS}, # We need template v
    );
}

my @currencies = Koha::Acquisition::Currencies->search;
$template->param(
    currencies    => \@currencies,
    suggestion    => $suggestion_ref,
    price         => sprintf("%.2f", $$suggestion_ref{'price'}||0),
    total             => sprintf("%.2f", $$suggestion_ref{'total'}||0),
);

# lists of distinct values (without empty) for filters
my %hashlists;
foreach my $field ( qw(managedby acceptedby suggestedby approvedby checked
    my $values_list;
    $values_list = GetDistinctValues( "suggestions." . $field );
    my @codes_list = map {
        {   'code' => $$_{'value'},
            'desc' => GetCriteriumDesc( $$_{'value'}, $field ) || $$_{'val
            'selected' => ($$suggestion_ref{$field}) ? $$_{'value'} eq $$s
        }
    } grep {
        $$_{'value'}
    } @$values_list;
```

Ln: 404 Col: 10/91 Ch: 10/91 windows-1252 Unix

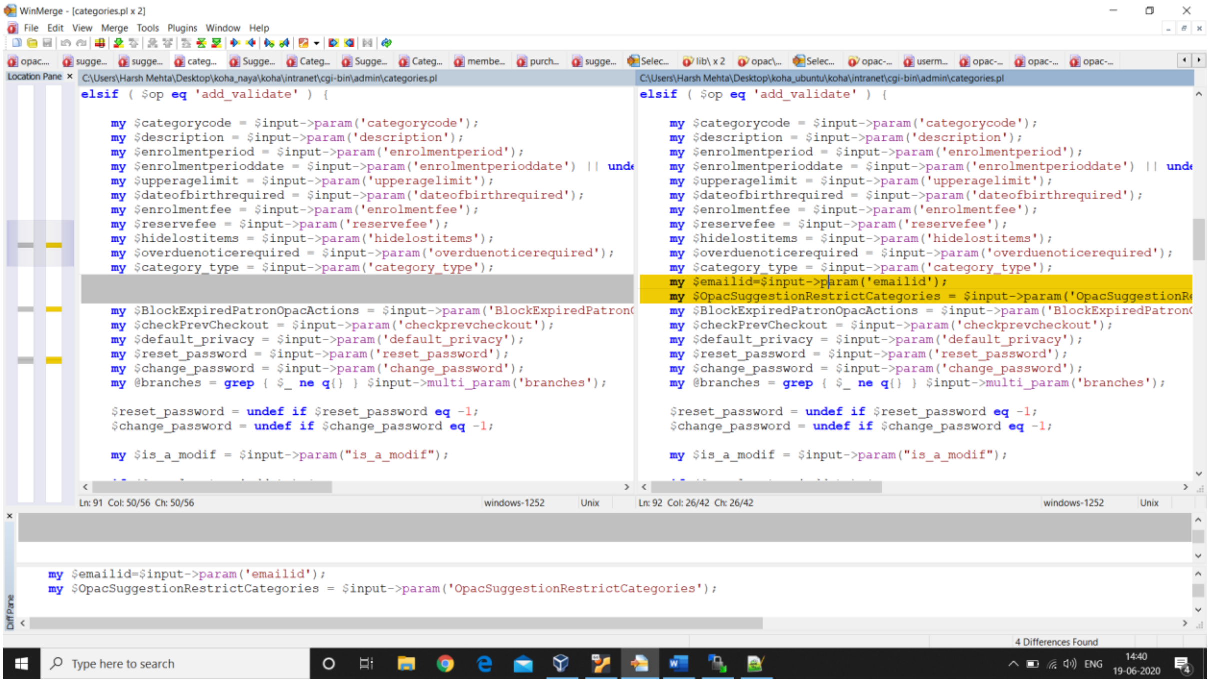
```
foreach my $field ( qw(managedby acceptedby suggestedby budgetid) ) {

foreach my $field ( qw(managedby acceptedby suggestedby approvedby checkedby budgetid) ) {
```

File:categories.pl

Location: /usr/share/koha/intranet/cgi-bin/admin

Code:

```
my $emailid=$input->param('emailid');

my $OpacSuggestionRestrictCategories = $input->param('OpacSuggestionRestrictCategories');
```


WinMerge - [categories.pl x 2]
File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane
Diff Pane
4 Differences Found
Type here to search
ENG
14:40
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\cgi-bin\admin\categories.pl

```
elsif ( $op eq 'add_validate' ) {

    my $categorycode = $input->param('categorycode');
    my $description = $input->param('description');
    my $enrolmentperiod = $input->param('enrolmentperiod');
    my $enrolmentperioddate = $input->param('enrolmentperioddate') || unde
    my $upperagelimit = $input->param('upperagelimit');
    my $dateofbirthrequired = $input->param('dateofbirthrequired');
    my $enrolmentfee = $input->param('enrolmentfee');
    my $reservefee = $input->param('reservefee');
    my $hidelostitems = $input->param('hidelostitems');
    my $overduenoticerequired = $input->param('overduenoticerequired');
    my $category_type = $input->param('category_type');


    my $BlockExpiredPatronOpacActions = $input->param('BlockExpiredPatron(
    my $checkPrevCheckout = $input->param('checkprevcheckout');
    my $default_privacy = $input->param('default_privacy');
    my $reset_password = $input->param('reset_password');
    my $change_password = $input->param('change_password');
    my @branches = grep { $_ ne q{} } $input->multi_param('branches');

    $reset_password = undef if $reset_password eq -1;
    $change_password = undef if $change_password eq -1;

    my $is_a_modif = $input->param("is_a_modif");
```

Ln: 91 Col: 50/56 Ch: 50/56 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\cgi-bin\admin\categories.pl

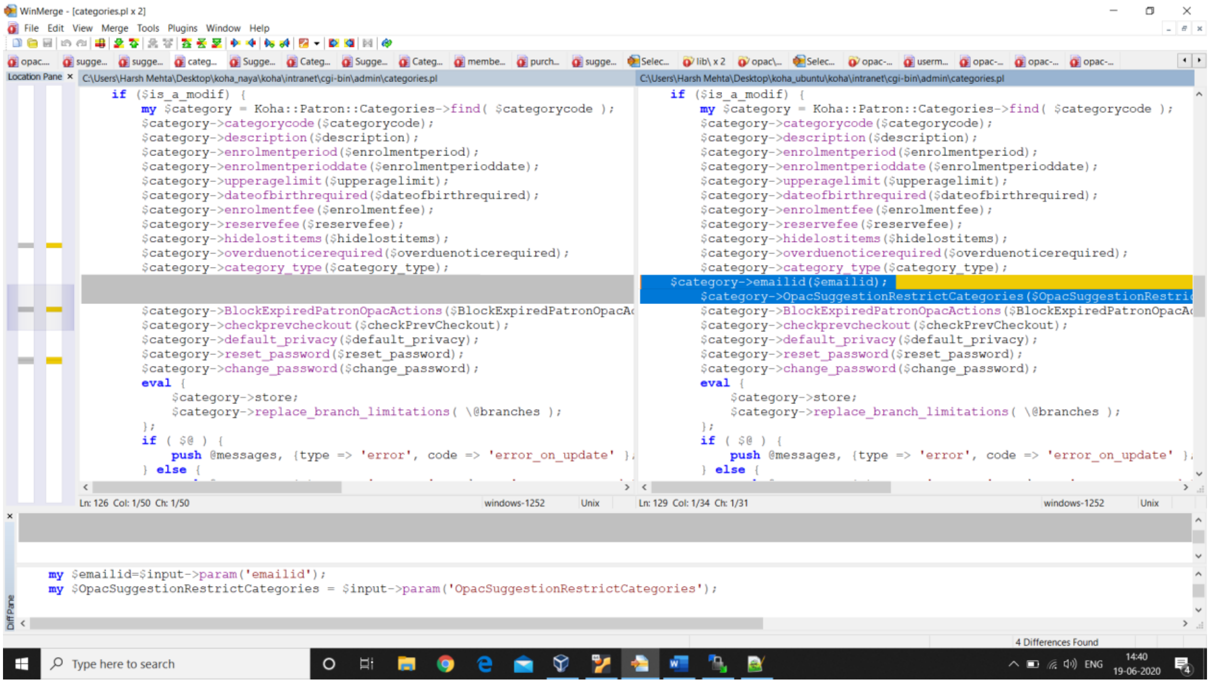
```
elsif ( $op eq 'add_validate' ) {

    my $categorycode = $input->param('categorycode');
    my $description = $input->param('description');
    my $enrolmentperiod = $input->param('enrolmentperiod');
    my $enrolmentperioddate = $input->param('enrolmentperioddate') || unde
    my $upperagelimit = $input->param('upperagelimit');
    my $dateofbirthrequired = $input->param('dateofbirthrequired');
    my $enrolmentfee = $input->param('enrolmentfee');
    my $reservefee = $input->param('reservefee');
    my $hidelostitems = $input->param('hidelostitems');
    my $overduenoticerequired = $input->param('overduenoticerequired');
    my $category_type = $input->param('category_type');
    my $emailid=$input->param('emailid');
    my $OpacSuggestionRestrictCategories = $input->param('OpacSuggestionRe
    my $BlockExpiredPatronOpacActions = $input->param('BlockExpiredPatron(
    my $checkPrevCheckout = $input->param('checkprevcheckout');
    my $default_privacy = $input->param('default_privacy');
    my $reset_password = $input->param('reset_password');
    my $change_password = $input->param('change_password');
    my @branches = grep { $_ ne q{} } $input->multi_param('branches');

    $reset_password = undef if $reset_password eq -1;
    $change_password = undef if $change_password eq -1;

    my $is_a_modif = $input->param("is_a_modif");
```

Ln: 92 Col: 26/42 Ch: 26/42 windows-1252 Unix

```
    my $emailid=$input->param('emailid');
    my $OpacSuggestionRestrictCategories = $input->param('OpacSuggestionRestrictCategories');
```

$category->emailid($emailid);

$category->OpacSuggestionRestrictCategories($OpacSuggestionRestrictCategories);



C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\cgi-bin\admin\categories.pl

```
    if ($is_a_modif) {
        my $category = Koha::Patron::Categories->find( $categorycode );
        $category->categorycode($categorycode);
        $category->description($description);
        $category->enrolmentperiod($enrolmentperiod);
        $category->enrolmentperioddate($enrolmentperioddate);
        $category->upperagelimit($upperagelimit);
        $category->dateofbirthrequired($dateofbirthrequired);
        $category->enrolmentfee($enrolmentfee);
        $category->reservefee($reservefee);
        $category->hidelostitems($hidelostitems);
        $category->overduenoticerequired($overduenoticerequired);
        $category->category_type($category_type);

        $category->BlockExpiredPatronOpacActions($BlockExpiredPatronOpacAc
        $category->checkprevcheckout($checkPrevCheckout);
        $category->default_privacy($default_privacy);
        $category->reset_password($reset_password);
        $category->change_password($change_password);
        eval {
            $category->store;
            $category->replace_branch_limitations( \@branches );
        };
        if ( $@ ) {
            push @messages, {type => 'error', code => 'error_on_update' },
        } else {
```

Ln: 126 Col: 1/50 Ch: 1/50 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\cgi-bin\admin\categories.pl

```
    if ($is_a_modif) {
        my $category = Koha::Patron::Categories->find( $categorycode );
        $category->categorycode($categorycode);
        $category->description($description);
        $category->enrolmentperiod($enrolmentperiod);
        $category->enrolmentperioddate($enrolmentperioddate);
        $category->upperagelimit($upperagelimit);
        $category->dateofbirthrequired($dateofbirthrequired);
        $category->enrolmentfee($enrolmentfee);
        $category->reservefee($reservefee);
        $category->hidelostitems($hidelostitems);
        $category->overduenoticerequired($overduenoticerequired);
        $category->category_type($category_type);
    $category->emailid($emailid);
        $category->OpacSuggestionRestrictCategories($OpacSuggestionRestri
        $category->BlockExpiredPatronOpacActions($BlockExpiredPatronOpacAc
        $category->checkprevcheckout($checkPrevCheckout);
        $category->default_privacy($default_privacy);
        $category->reset_password($reset_password);
        $category->change_password($change_password);
        eval {
            $category->store;
            $category->replace_branch_limitations( \@branches );
        };
        if ( $@ ) {
            push @messages, {type => 'error', code => 'error_on_update' },
        } else {
```

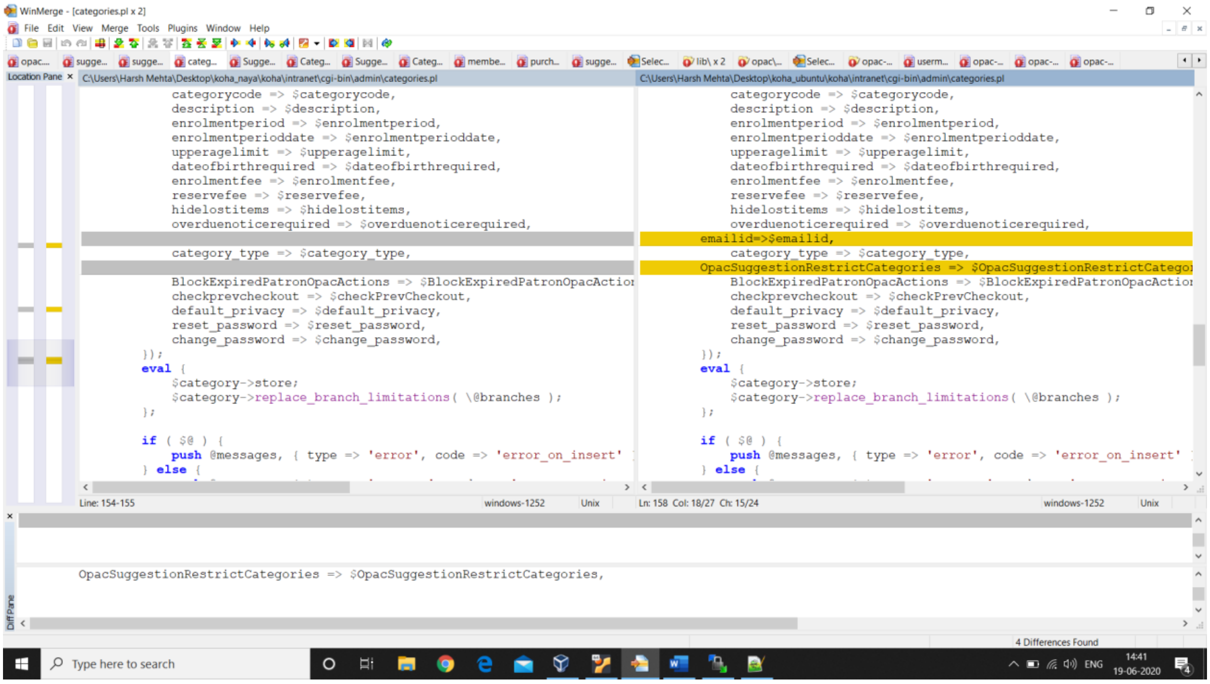
Ln: 129 Col: 1/34 Ch: 1/31 windows-1252 Unix

```
    my $emailid=$input->param('emailid');
    my $OpacSuggestionRestrictCategories = $input->param('OpacSuggestionRestrictCategories');
```

4 Differences Found

emailid=>$emailid,

OpacSuggestionRestrictCategories => $OpacSuggestionRestrictCategories,



C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\cgi-bin\admin\categories.pl

```
            categorycode => $categorycode,
            description => $description,
            enrolmentperiod => $enrolmentperiod,
            enrolmentperioddate => $enrolmentperioddate,
            upperagelimit => $upperagelimit,
            dateofbirthrequired => $dateofbirthrequired,
            enrolmentfee => $enrolmentfee,
            reservefee => $reservefee,
            hidelostitems => $hidelostitems,
            overduenoticerequired => $overduenoticerequired,

            category_type => $category_type,

            BlockExpiredPatronOpacActions => $BlockExpiredPatronOpacActio
            checkprevcheckout => $checkPrevCheckout,
            default_privacy => $default_privacy,
            reset_password => $reset_password,
            change_password => $change_password,
        });
        eval {
            $category->store;
            $category->replace_branch_limitations( \@branches );
        };

        if ( $@ ) {
            push @messages, { type => 'error', code => 'error_on_insert' }
        } else {
```

Line: 154-155 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\cgi-bin\admin\categories.pl

```
            categorycode => $categorycode,
            description => $description,
            enrolmentperiod => $enrolmentperiod,
            enrolmentperioddate => $enrolmentperioddate,
            upperagelimit => $upperagelimit,
            dateofbirthrequired => $dateofbirthrequired,
            enrolmentfee => $enrolmentfee,
            reservefee => $reservefee,
            hidelostitems => $hidelostitems,
            overduenoticerequired => $overduenoticerequired,
        emailid=>$emailid,
            category_type => $category_type,
        OpacSuggestionRestrictCategories => $OpacSuggestionRestrictCatego
            BlockExpiredPatronOpacActions => $BlockExpiredPatronOpacActio
            checkprevcheckout => $checkPrevCheckout,
            default_privacy => $default_privacy,
            reset_password => $reset_password,
            change_password => $change_password,
        });
        eval {
            $category->store;
            $category->replace_branch_limitations( \@branches );
        };

        if ( $@ ) {
            push @messages, { type => 'error', code => 'error_on_insert' }
        } else {
```

Ln: 158 Col: 18/27 Ch: 15/24 windows-1252 Unix

```
        OpacSuggestionRestrictCategories => $OpacSuggestionRestrictCategories,
```

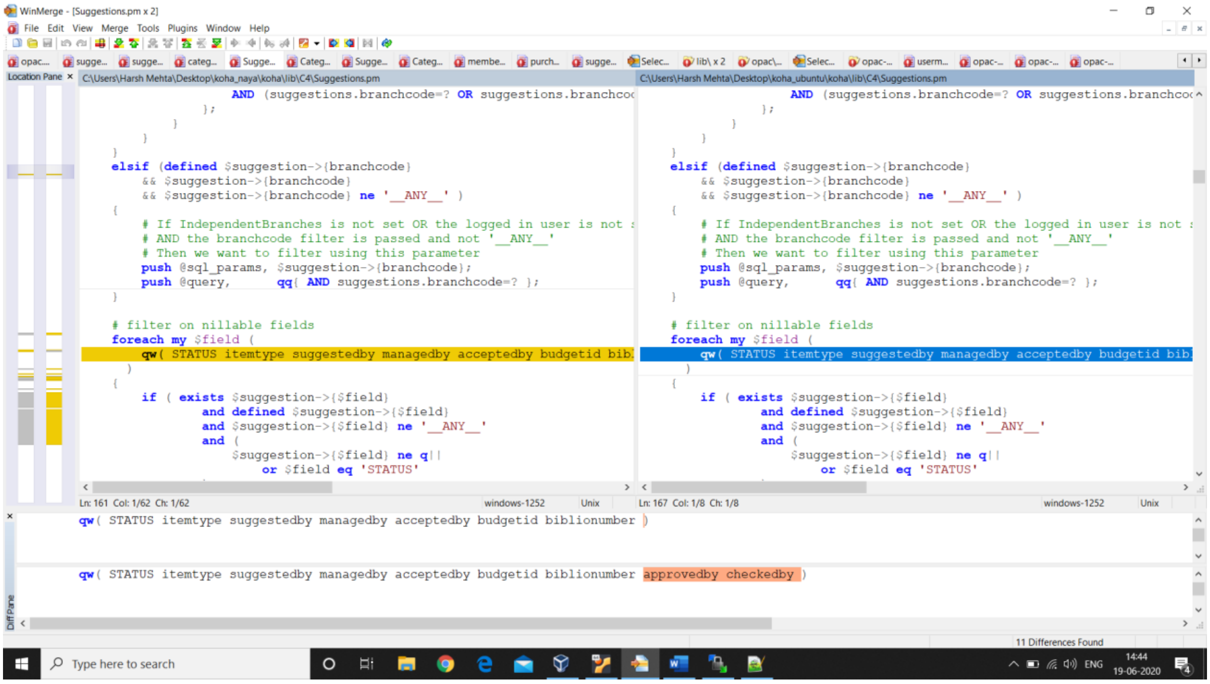
4 Differences Found

File:suggestions.pm

Location: /usr/share/koha/lib/C4

Code:

qw(STATUS itemtype suggestedby managedby acceptedby budgetid biblionumber approvedby checkedby)



WinMerge - [Suggestions.pm x 2]
File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\lib\C4\Suggestions.pm

```
                AND (suggestions.branchcode=? OR suggestions.branchcoc
            };
        }
    }
}
elsif (defined $suggestion->{branchcode}
    && $suggestion->{branchcode}
    && $suggestion->{branchcode} ne '__ANY__' )
{
    # If IndependentBranches is not set OR the logged in user is not s
    # AND the branchcode filter is passed and not '__ANY__'
    # Then we want to filter using this parameter
    push @sql_params, $suggestion->{branchcode};
    push @query,       qq{ AND suggestions.branchcode=? };
}

# filter on nillable fields
foreach my $field (
    qw( STATUS itemtype suggestedby managedby acceptedby budgetid bibl
  )
{
    if ( exists $suggestion->{$field}
            and defined $suggestion->{$field}
            and $suggestion->{$field} ne '__ANY__'
            and (
                $suggestion->{$field} ne q||
                    or $field eq 'STATUS'
```

Ln: 161 Col: 1/62 Ch: 1/62 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\lib\C4\Suggestions.pm

```
                AND (suggestions.branchcode=? OR suggestions.branchcoc
            };
        }
    }
}
elsif (defined $suggestion->{branchcode}
    && $suggestion->{branchcode}
    && $suggestion->{branchcode} ne '__ANY__' )
{
    # If IndependentBranches is not set OR the logged in user is not s
    # AND the branchcode filter is passed and not '__ANY__'
    # Then we want to filter using this parameter
    push @sql_params, $suggestion->{branchcode};
    push @query,       qq{ AND suggestions.branchcode=? };
}

# filter on nillable fields
foreach my $field (
    qw( STATUS itemtype suggestedby managedby acceptedby budgetid bib
  )
{
    if ( exists $suggestion->{$field}
            and defined $suggestion->{$field}
            and $suggestion->{$field} ne '__ANY__'
            and (
                $suggestion->{$field} ne q||
                    or $field eq 'STATUS'
```

Ln: 167 Col: 1/8 Ch: 1/8 windows-1252 Unix

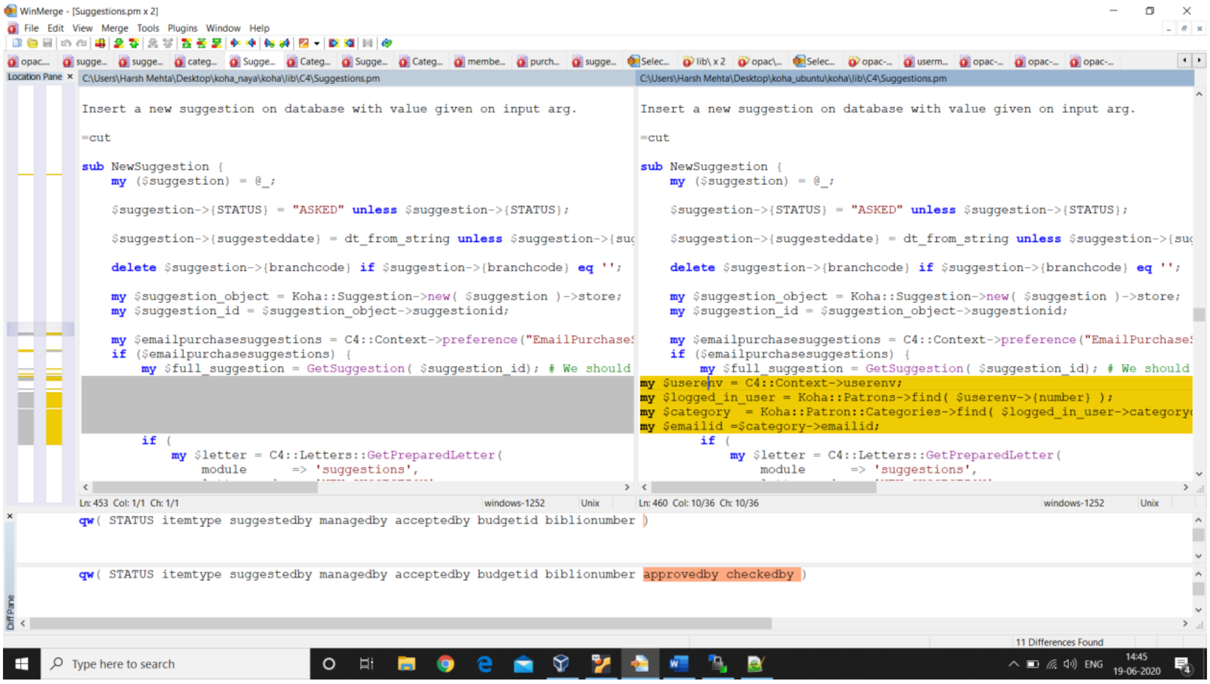
```
        qw( STATUS itemtype suggestedby managedby acceptedby budgetid biblionumber )

        qw( STATUS itemtype suggestedby managedby acceptedby budgetid biblionumber approvedby checkedby )
```

my $userenv = C4::Context->userenv;

my $logged_in_user = Koha::Patrons->find($userenv->{number});

my $category = Koha::Patron::Categories->find($logged_in_user->categorycode);

my $emailid =$category->emailid;



C:\Users\Harsh Mehta\Desktop\koha_naya\koha\lib\C4\Suggestions.pm

```
Insert a new suggestion on database with value given on input arg.

=cut

sub NewSuggestion {
    my ($suggestion) = @_;

    $suggestion->{STATUS} = "ASKED" unless $suggestion->{STATUS};

    $suggestion->{suggesteddate} = dt_from_string unless $suggestion->{suc

    delete $suggestion->{branchcode} if $suggestion->{branchcode} eq '';

    my $suggestion_object = Koha::Suggestion->new( $suggestion )->store;
    my $suggestion_id = $suggestion_object->suggestionid;

    my $emailpurchasesuggestions = C4::Context->preference("EmailPurchaseS
    if ($emailpurchasesuggestions) {
        my $full_suggestion = GetSuggestion( $suggestion_id); # We should




        if (
            my $letter = C4::Letters::GetPreparedLetter(
                module      => 'suggestions',
```

Ln: 453 Col: 1/1 Ch: 1/1 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\lib\C4\Suggestions.pm

```
Insert a new suggestion on database with value given on input arg.

=cut

sub NewSuggestion {
    my ($suggestion) = @_;

    $suggestion->{STATUS} = "ASKED" unless $suggestion->{STATUS};

    $suggestion->{suggesteddate} = dt_from_string unless $suggestion->{suc

    delete $suggestion->{branchcode} if $suggestion->{branchcode} eq '';

    my $suggestion_object = Koha::Suggestion->new( $suggestion )->store;
    my $suggestion_id = $suggestion_object->suggestionid;

    my $emailpurchasesuggestions = C4::Context->preference("EmailPurchaseS
    if ($emailpurchasesuggestions) {
        my $full_suggestion = GetSuggestion( $suggestion_id); # We should
my $userenv = C4::Context->userenv;
my $logged_in_user = Koha::Patrons->find( $userenv->{number} );
my $category  = Koha::Patron::Categories->find( $logged_in_user->category
my $emailid =$category->emailid;
        if (
            my $letter = C4::Letters::GetPreparedLetter(
                module      => 'suggestions',
```

Ln: 460 Col: 10/36 Ch: 10/36 windows-1252 Unix

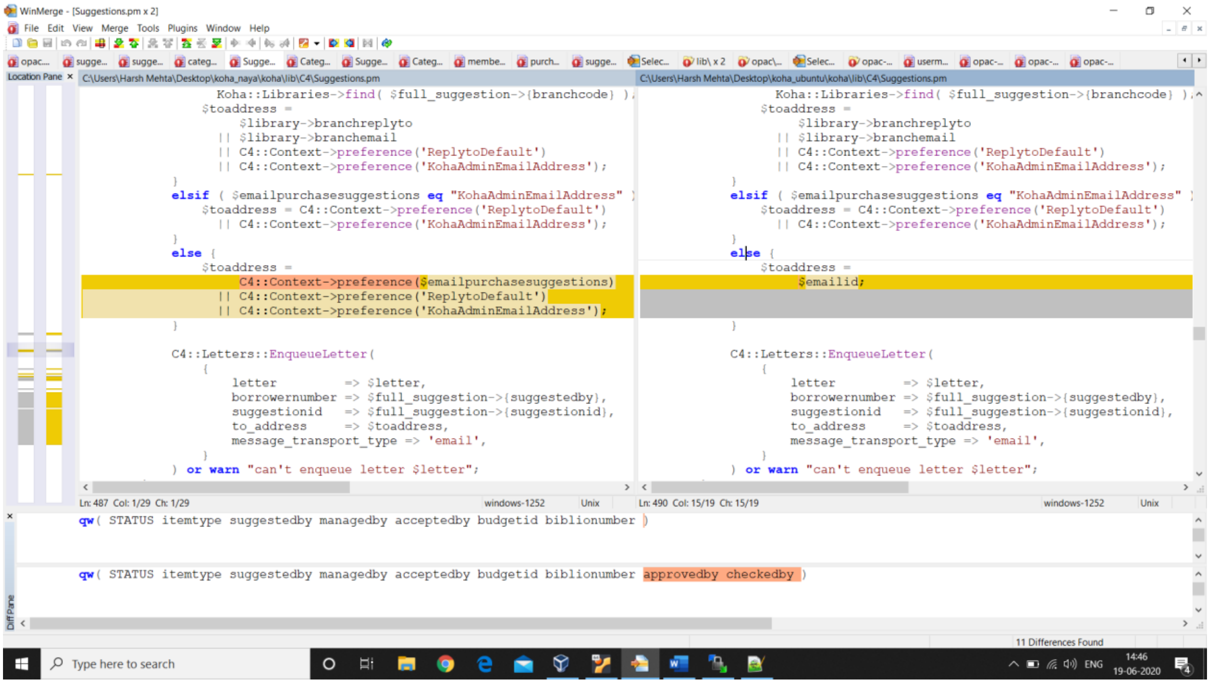
```
qw( STATUS itemtype suggestedby managedby acceptedby budgetid biblionumber )

qw( STATUS itemtype suggestedby managedby acceptedby budgetid biblionumber approvedby checkedby )
```

else {

$toaddress =

$emailid;

}



C:\Users\Harsh Mehta\Desktop\koha_naya\koha\lib\C4\Suggestions.pm

```
                Koha::Libraries->find( $full_suggestion->{branchcode} );
            $toaddress =
                $library->branchreplyto
              || $library->branchemail
              || C4::Context->preference('ReplytoDefault')
              || C4::Context->preference('KohaAdminEmailAddress');
        }
        elsif ( $emailpurchasesuggestions eq "KohaAdminEmailAddress" )
            $toaddress = C4::Context->preference('ReplytoDefault')
              || C4::Context->preference('KohaAdminEmailAddress');
        }
        else {
            $toaddress =
                C4::Context->preference($emailpurchasesuggestions)
              || C4::Context->preference('ReplytoDefault')
              || C4::Context->preference('KohaAdminEmailAddress');
        }

        C4::Letters::EnqueueLetter(
            {
                letter         => $letter,
                borrowernumber => $full_suggestion->{suggestedby},
                suggestionid   => $full_suggestion->{suggestionid},
                to_address     => $toaddress,
                message_transport_type => 'email',
            }
        ) or warn "can't enqueue letter $letter";
```

Ln: 487 Col: 1/29 Ch: 1/29 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\lib\C4\Suggestions.pm

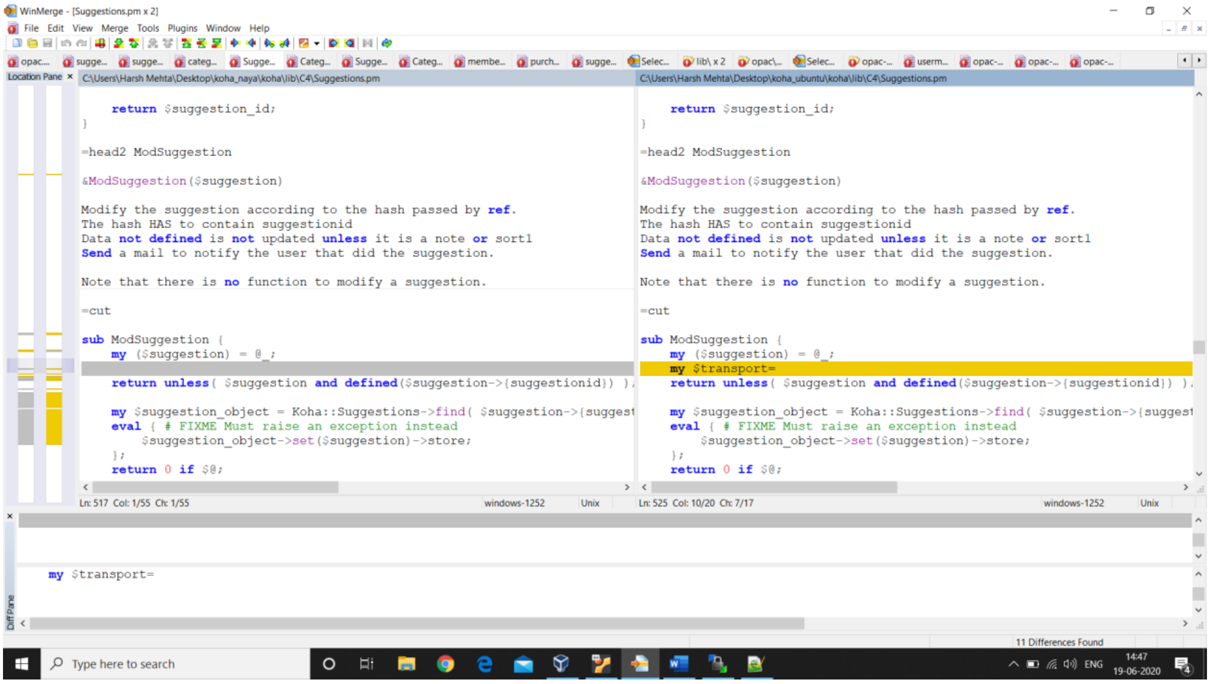
```
                Koha::Libraries->find( $full_suggestion->{branchcode} );
            $toaddress =
                $library->branchreplyto
              || $library->branchemail
              || C4::Context->preference('ReplytoDefault')
              || C4::Context->preference('KohaAdminEmailAddress');
        }
        elsif ( $emailpurchasesuggestions eq "KohaAdminEmailAddress" )
            $toaddress = C4::Context->preference('ReplytoDefault')
              || C4::Context->preference('KohaAdminEmailAddress');
        }
        else {
            $toaddress =
                $emailid;


        }

        C4::Letters::EnqueueLetter(
            {
                letter         => $letter,
                borrowernumber => $full_suggestion->{suggestedby},
                suggestionid   => $full_suggestion->{suggestionid},
                to_address     => $toaddress,
                message_transport_type => 'email',
            }
        ) or warn "can't enqueue letter $letter";
```

Ln: 490 Col: 15/19 Ch: 15/19 windows-1252 Unix

```
qw( STATUS itemtype suggestedby managedby acceptedby budgetid biblionumber )

qw( STATUS itemtype suggestedby managedby acceptedby budgetid biblionumber approvedby checkedby )
```

my $transport=

return unless($suggestion and defined($suggestion->{suggestionid}));



C:\Users\Harsh Mehta\Desktop\koha_naya\koha\lib\C4\Suggestions.pm

```
    return $suggestion_id;
}

=head2 ModSuggestion

&ModSuggestion($suggestion)

Modify the suggestion according to the hash passed by ref.
The hash HAS to contain suggestionid
Data not defined is not updated unless it is a note or sortl
Send a mail to notify the user that did the suggestion.

Note that there is no function to modify a suggestion.

=cut

sub ModSuggestion {
    my ($suggestion) = @_;

    return unless( $suggestion and defined($suggestion->{suggestionid}) );

    my $suggestion_object = Koha::Suggestions->find( $suggest
    eval { # FIXME Must raise an exception instead
        $suggestion_object->set($suggestion)->store;
    };
    return 0 if $@;
```

Ln: 517 Col: 1/55 Ch: 1/55 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\lib\C4\Suggestions.pm

```
    return $suggestion_id;
}

=head2 ModSuggestion

&ModSuggestion($suggestion)

Modify the suggestion according to the hash passed by ref.
The hash HAS to contain suggestionid
Data not defined is not updated unless it is a note or sortl
Send a mail to notify the user that did the suggestion.

Note that there is no function to modify a suggestion.

=cut

sub ModSuggestion {
    my ($suggestion) = @_;
    my $transport=
    return unless( $suggestion and defined($suggestion->{suggestionid}) );

    my $suggestion_object = Koha::Suggestions->find( $suggest
    eval { # FIXME Must raise an exception instead
        $suggestion_object->set($suggestion)->store;
    };
    return 0 if $@;
```

Ln: 525 Col: 10/20 Ch: 7/17 windows-1252 Unix

```
    my $transport=
```

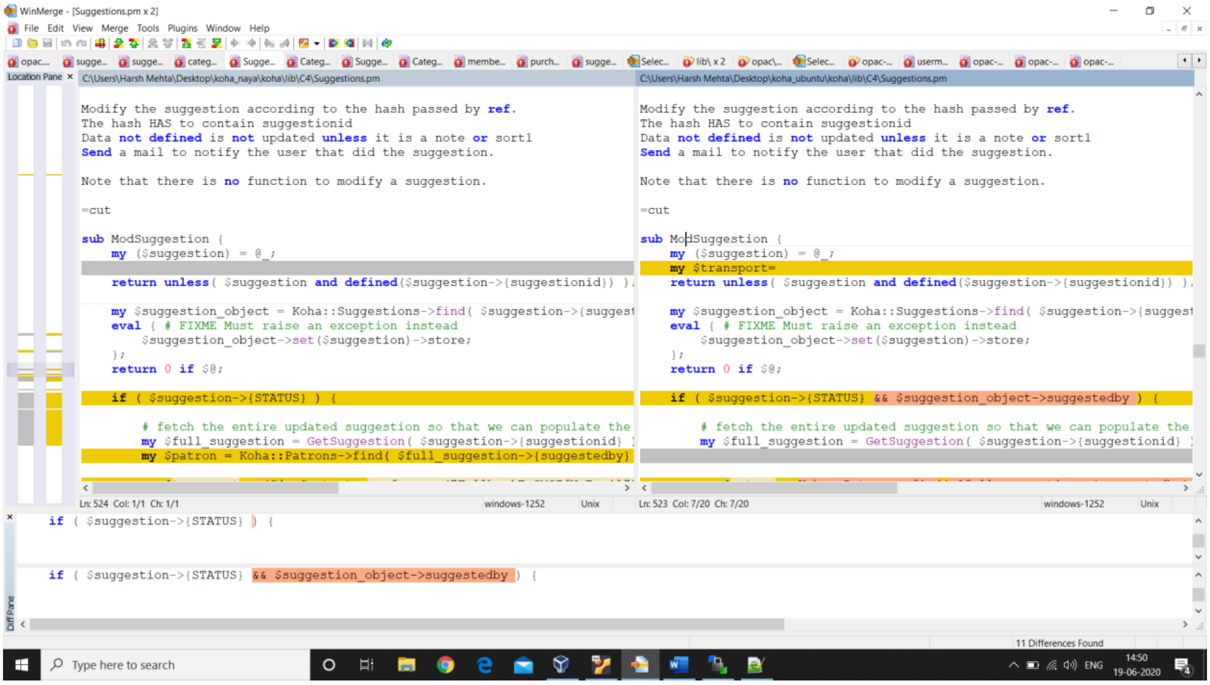
Replace the code from line 523 to 664 with this below code

```
sub ModSuggestion {
    my ($suggestion) = @_;
            my $transport=
    return unless( $suggestion and defined($suggestion->{suggestionid}) );


    my $suggestion_object = Koha::Suggestions->find( $suggestion->{suggestionid} );
    eval { # FIXME Must raise an exception instead
        $suggestion_object->set($suggestion)->store;
    };
    return 0 if $@;


    if ( $suggestion->{STATUS} && $suggestion_object->suggestedby ) {


        # fetch the entire updated suggestion so that we can populate the letter
        my $full_suggestion = GetSuggestion( $suggestion->{suggestionid} );


        my $patron = Koha::Patrons->find( $full_suggestion->{suggestedby} );
my $userenv = C4::Context->userenv;
my $logged_in_user = Koha::Patrons->find( $userenv->{number} );
my $category  = Koha::Patron::Categories->find( $logged_in_user->categorycode );
my $emailid =$category->emailid;


       my $transport = (C4::Context->preference("FallbackToSMSIfNoEmail")) && ($patron->smsalertnumber) && (!$patron->email) ? 'sms' : 'email';
    if (
      my $letter = C4::Letters::GetPreparedLetter(
        module      => 'suggestions',
        letter_code => $full_suggestion->{STATUS},
        branchcode  => $full_suggestion->{branchcode},
        lang        => $patron->lang,
        tables      => {
          'branches'    => $full_suggestion->{branchcode},
          'borrowers'   => $full_suggestion->{suggestedby},
          'suggestions' => $full_suggestion,
          'biblio'      => $full_suggestion->{biblionumber},
        },
      )
     )
    {
       if ($transport eq 'email' and $patron->email ) {
      C4::Letters::EnqueueLetter(
        {
          letter         => $letter,
          borrowernumber => $full_suggestion->{suggestedby},
          suggestionid   => $full_suggestion->{suggestionid},
          LibraryName    => C4::Context->preference("LibraryName"),
               message_transport_type => $transport,
        }
      ) or warn "can't enqueue letter $letter";
       }

if ($transport eq 'sms' and $patron->smsalertnumber) {
```

```
            C4::Letters::EnqueueLetter(
                {
                    letter         => $letter,
                    borrowernumber => $full_suggestion->{suggestedby},
                    suggestionid   => $full_suggestion->{suggestionid},
                    LibraryName    => C4::Context->preference("LibraryName"),
                              message_transport_type => $transport,
                }
            ) or warn "can't enqueue letter $letter";
             }



             if ($emailid && $emailid ne "") {
               if ( $suggestion->{"STATUS"} =~ /ACCEPTED|CHECKED/ )
                {
                        C4::Letters::EnqueueLetter(
                {
                    letter         => $letter,
                    borrowernumber => $full_suggestion->{suggestedby},
                    suggestionid   => $full_suggestion->{suggestionid},
                    LibraryName    => C4::Context->preference("LibraryName"),
                              to_address     => $emailid,
                    message_transport_type => $transport,
                }
            ) or warn "can't enqueue letter $letter";
        }
       }
 if ( $suggestion->{"STATUS"} =~ /APPROVED/ )
 {
my $facultyNumber =$full_suggestion->{suggestedby};
my $facultydet = Koha::Patrons->find( $facultyNumber);
my $faccategory  = Koha::Patron::Categories->find( $facultydet->categorycode );
my $facemailid =$faccategory->emailid;
my $staffNumber =$full_suggestion->{checkedby};
my $staffdet="";
my $staffcategory="";
my $staffemailid="";
if ($staffNumber) {
 $staffdet = Koha::Patrons->find( $staffNumber);
 $staffcategory  = Koha::Patron::Categories->find( $staffdet->categorycode );
 $staffemailid =$staffcategory->emailid;
}
my $alNumber =$full_suggestion->{acceptedby};
my $aldet ="";
my $alcategory  ="";
my $alemailid ="";
if (defined($alNumber )){
 $aldet = Koha::Patrons->find( $alNumber);
 $alcategory  = Koha::Patron::Categories->find( $aldet->categorycode );
 $alemailid =$alcategory->emailid;
}

if($facultyNumber){

                                        C4::Letters::EnqueueLetter(
                                                    {
                                                          letter         => $letter,
                                                          borrowernumber => $full_suggestion-
>{suggestedby},

                                                          suggestionid   => $full_suggestion-
>{suggestionid},

                                                          LibraryName    => C4::Context-
>preference("LibraryName"),

                                                          to_address     => $facemailid,
                                                          message_transport_type => $transport,
                    }
                ) or warn "can't enqueue letter $letter";
}
if($staffemailid){

            C4::Letters::EnqueueLetter(
                    {
                        letter         => $letter,
                        borrowernumber => $full_suggestion-
>{checkedby},
                        suggestionid   => $full_suggestion-
>{suggestionid},
                        LibraryName    => C4::Context-
>preference("LibraryName"),
                        to_address     => $staffemailid,
                        message_transport_type => $transport,
                    }
                ) or warn "can't enqueue letter $letter";
}
if($alemailid){

            C4::Letters::EnqueueLetter(
                    {
                        letter         => $letter,
                        borrowernumber => $full_suggestion-
>{acceptedby},
                        suggestionid   => $full_suggestion-
>{suggestionid},
                        LibraryName    => C4::Context-
>preference("LibraryName"),
                        to_address     => $alemailid,
                        message_transport_type => $transport,
                    }
                ) or warn "can't enqueue letter $letter";
```

```
}
```

```
}
```



WinMerge - [Suggestions.pm x 2]
File Edit View Merge Tools Plugins Window Help
Location Pane
Diff Pane

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\lib\C4\Suggestions.pm

```
Modify the suggestion according to the hash passed by ref.
The hash HAS to contain suggestionid
Data not defined is not updated unless it is a note or sort1
Send a mail to notify the user that did the suggestion.

Note that there is no function to modify a suggestion.

=cut

sub ModSuggestion {
    my ($suggestion) = @_;

    return unless( $suggestion and defined($suggestion->{suggestionid}) );

    my $suggestion_object = Koha::Suggestions->find( $suggestion->{suggest
    eval { # FIXME Must raise an exception instead
        $suggestion_object->set($suggestion)->store;
    };
    return 0 if $@;

    if ( $suggestion->{STATUS} ) {

        # fetch the entire updated suggestion so that we can populate the
        my $full_suggestion = GetSuggestion( $suggestion->{suggestionid} )
        my $patron = Koha::Patrons->find( $full_suggestion->{suggestedby}
```

Ln: 524 Col: 1/1 Ch: 1/1 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\lib\C4\Suggestions.pm

```
Modify the suggestion according to the hash passed by ref.
The hash HAS to contain suggestionid
Data not defined is not updated unless it is a note or sort1
Send a mail to notify the user that did the suggestion.

Note that there is no function to modify a suggestion.

=cut

sub ModSuggestion {
    my ($suggestion) = @_;
    my $transport=
    return unless( $suggestion and defined($suggestion->{suggestionid}) );

    my $suggestion_object = Koha::Suggestions->find( $suggestion->{suggest
    eval { # FIXME Must raise an exception instead
        $suggestion_object->set($suggestion)->store;
    };
    return 0 if $@;

    if ( $suggestion->{STATUS} && $suggestion_object->suggestedby ) {

        # fetch the entire updated suggestion so that we can populate the
        my $full_suggestion = GetSuggestion( $suggestion->{suggestionid} )
```

Ln: 523 Col: 7/20 Ch: 7/20 windows-1252 Unix

```
    if ( $suggestion->{STATUS} ) {
```

```
    if ( $suggestion->{STATUS} && $suggestion_object->suggestedby ) {
```

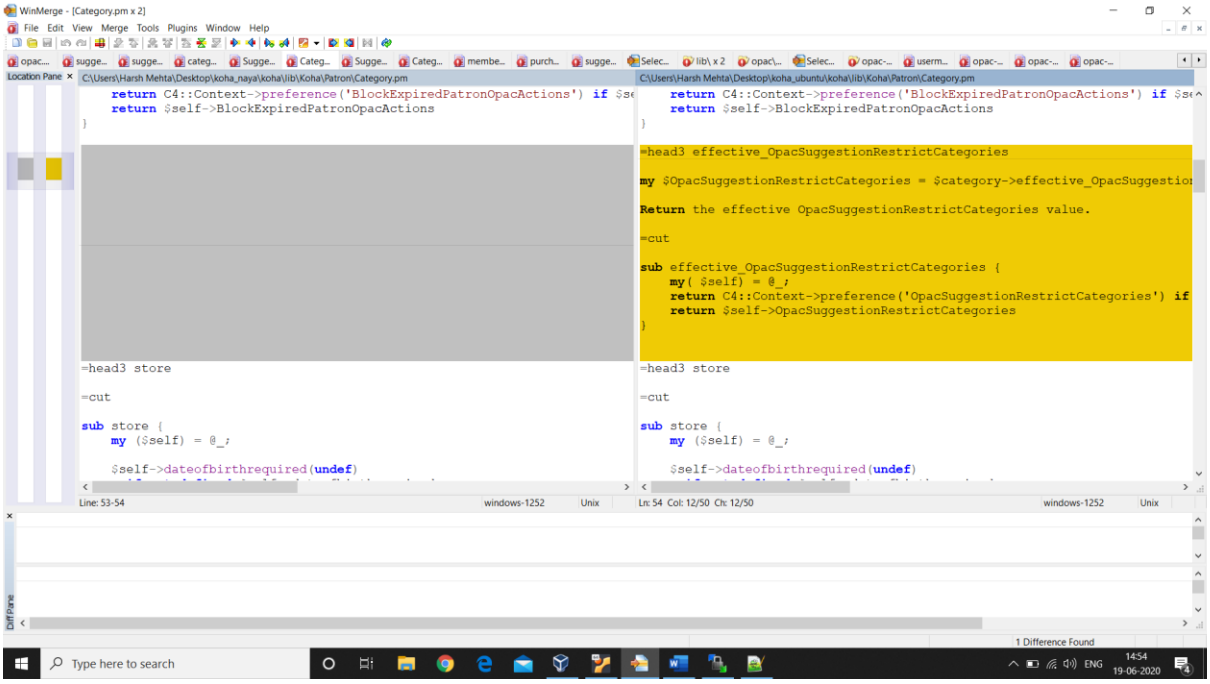
11 Differences Found

File:category.pm

Location: /usr/share/koha/lib/Koha/Patron

Code:

```
=head3 effective_OpacSuggestionRestrictCategories


my $OpacSuggestionRestrictCategories = $category->effective_OpacSuggestionRestrictCategories


Return the effective OpacSuggestionRestrictCategories value.


=cut


sub effective_OpacSuggestionRestrictCategories {
    my( $self) = @_;
    return C4::Context->preference('OpacSuggestionRestrictCategories') if $self->OpacSuggestionRestrictCategories == -1;
    return $self->OpacSuggestionRestrictCategories
}
```


WinMerge - [Category.pm x 2]
File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane
Diff Pane
Type here to search
ENG
14:54
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\lib\Koha\Patron\Category.pm

```
    return C4::Context->preference('BlockExpiredPatronOpacActions') if $se
    return $self->BlockExpiredPatronOpacActions
}

=head3 store

=cut

sub store {
    my ($self) = @_;

    $self->dateofbirthrequired(undef)
```

Line: 53-54 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\lib\Koha\Patron\Category.pm

```
    return C4::Context->preference('BlockExpiredPatronOpacActions') if $se
    return $self->BlockExpiredPatronOpacActions
}

=head3 effective_OpacSuggestionRestrictCategories

my $OpacSuggestionRestrictCategories = $category->effective_OpacSuggestio

Return the effective OpacSuggestionRestrictCategories value.

=cut

sub effective_OpacSuggestionRestrictCategories {
    my( $self) = @_;
    return C4::Context->preference('OpacSuggestionRestrictCategories') if
    return $self->OpacSuggestionRestrictCategories
}

=head3 store

=cut

sub store {
    my ($self) = @_;

    $self->dateofbirthrequired(undef)
```

Ln: 54 Col: 12/50 Ch: 12/50 windows-1252 Unix

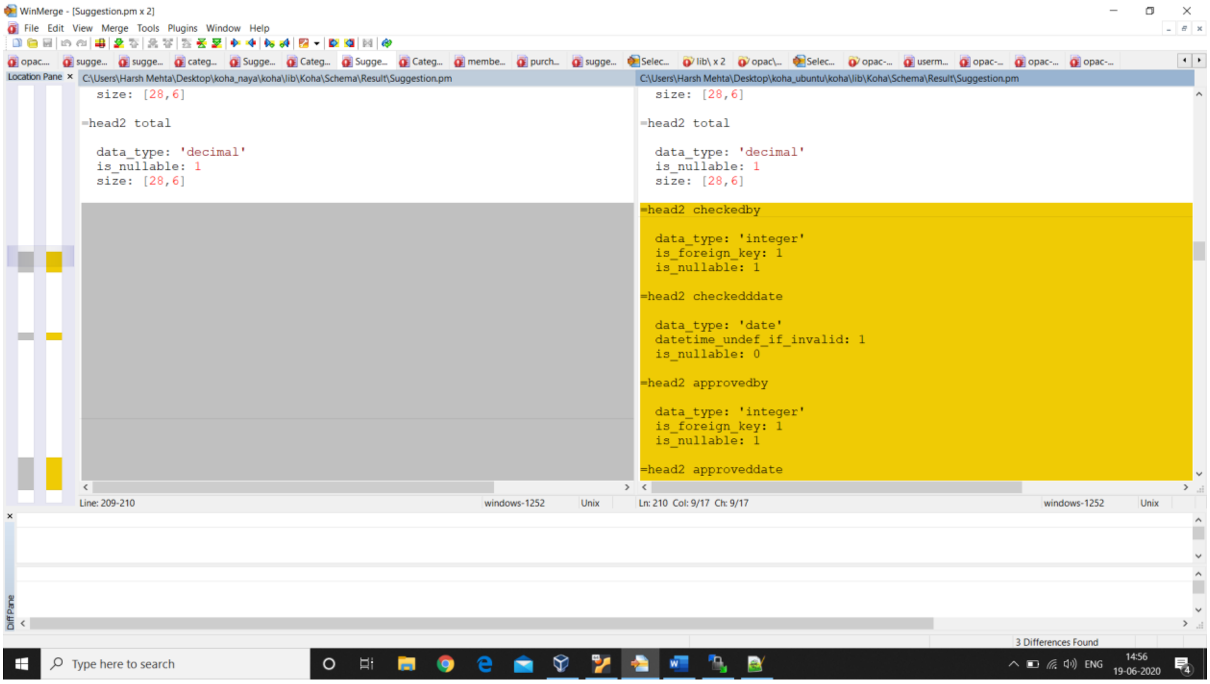
1 Difference Found

File:suggestion.pm

Location: /usr/share/koha/lib/Koha/Schema/Result

Code:

```
=head2 checkedby


  data_type: 'integer'
  is_foreign_key: 1
  is_nullable: 1


=head2 checkedddate


  data_type: 'date'
  datetime_undef_if_invalid: 1
  is_nullable: 0


=head2 approvedby


  data_type: 'integer'
  is_foreign_key: 1
  is_nullable: 1


=head2 approveddate


  data_type: 'date'
  datetime_undef_if_invalid: 1
  is_nullable: 0
```


WinMerge - [Suggestion.pm x 2]
File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane
Diff Pane
Type here to search
ENG
14:56
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\lib\Koha\Schema\Result\Suggestion.pm

```
  size: [28,6]

=head2 total

  data_type: 'decimal'
  is_nullable: 1
  size: [28,6]
```

Line: 209-210 windows-1252 Unix

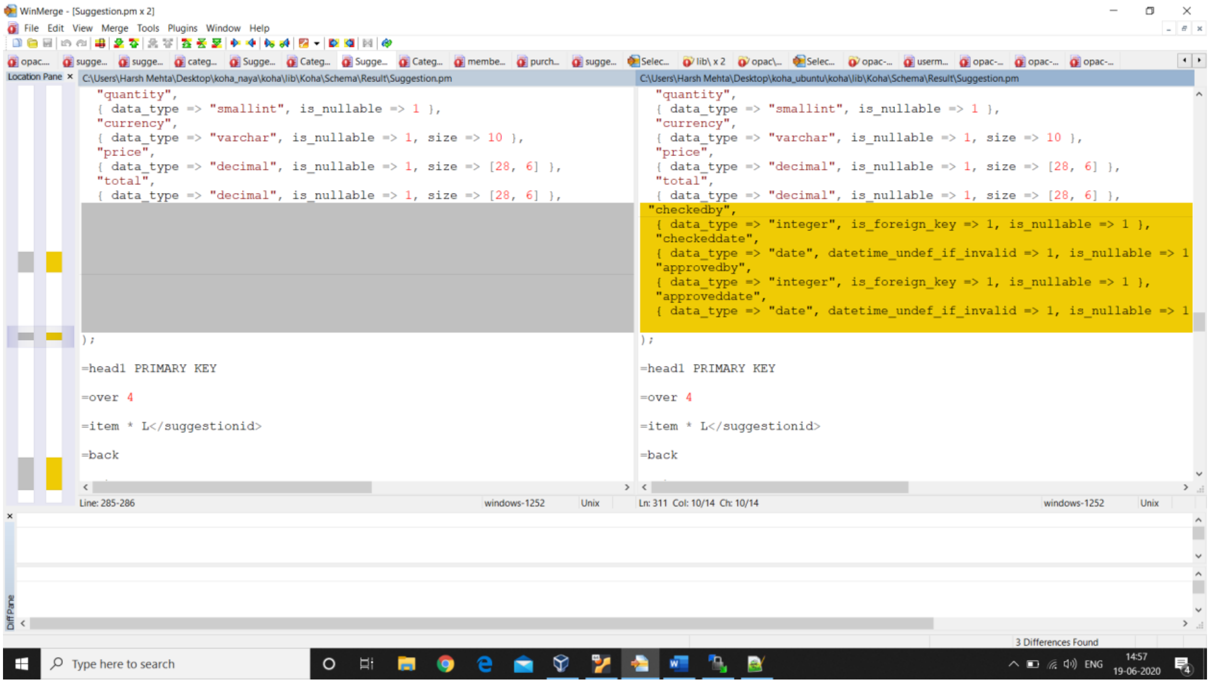
C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\lib\Koha\Schema\Result\Suggestion.pm

```
  size: [28,6]

=head2 total

  data_type: 'decimal'
  is_nullable: 1
  size: [28,6]

=head2 checkedby

  data_type: 'integer'
  is_foreign_key: 1
  is_nullable: 1

=head2 checkedddate

  data_type: 'date'
  datetime_undef_if_invalid: 1
  is_nullable: 0

=head2 approvedby

  data_type: 'integer'
  is_foreign_key: 1
  is_nullable: 1

=head2 approveddate
```

Ln: 210 Col: 9/17 Ch: 9/17 windows-1252 Unix

3 Differences Found

```
"checkedby",
  { data_type => "integer", is_foreign_key => 1, is_nullable => 1 },
  "checkeddate",
  { data_type => "date", datetime_undef_if_invalid => 1, is_nullable => 1 },
  "approvedby",
  { data_type => "integer", is_foreign_key => 1, is_nullable => 1 },
  "approveddate",
  { data_type => "date", datetime_undef_if_invalid => 1, is_nullable => 1 },
```



C:\Users\Harsh Mehta\Desktop\koha_naya\koha\lib\Koha\Schema\Result\Suggestion.pm

```
  "quantity",
  { data_type => "smallint", is_nullable => 1 },
  "currency",
  { data_type => "varchar", is_nullable => 1, size => 10 },
  "price",
  { data_type => "decimal", is_nullable => 1, size => [28, 6] },
  "total",
  { data_type => "decimal", is_nullable => 1, size => [28, 6] },
);

=head1 PRIMARY KEY

=over 4

=item * L</suggestionid>

=back
```

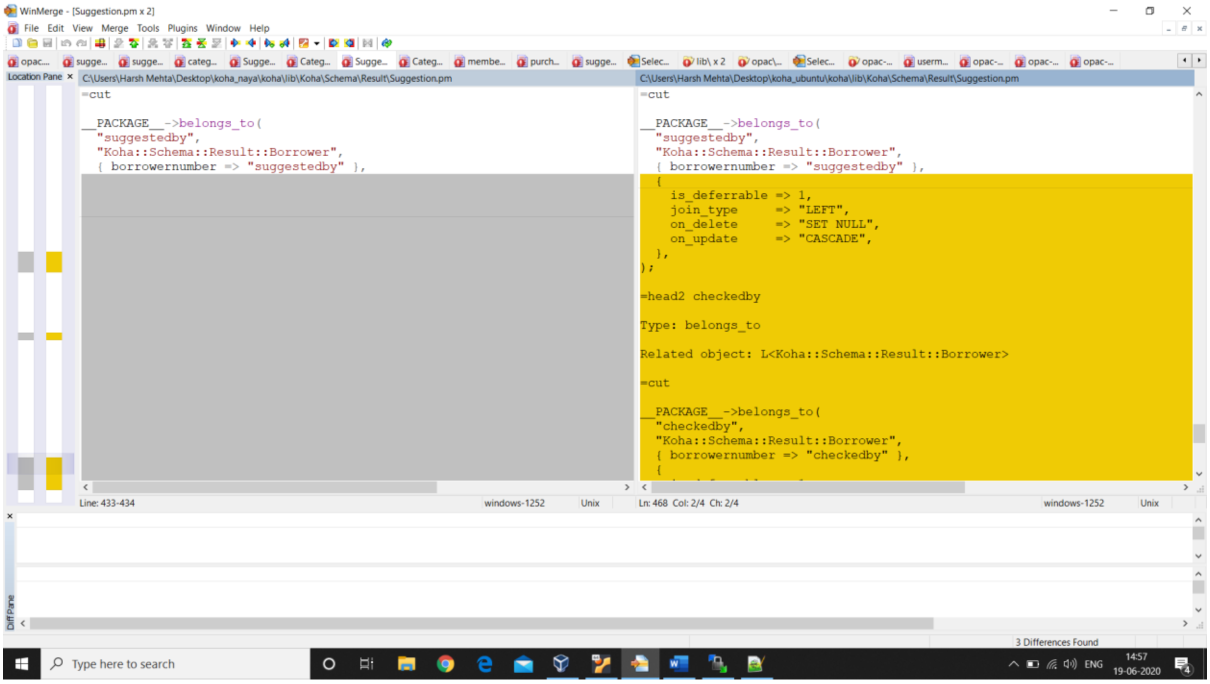
Line: 285-286 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\lib\Koha\Schema\Result\Suggestion.pm

```
  "quantity",
  { data_type => "smallint", is_nullable => 1 },
  "currency",
  { data_type => "varchar", is_nullable => 1, size => 10 },
  "price",
  { data_type => "decimal", is_nullable => 1, size => [28, 6] },
  "total",
  { data_type => "decimal", is_nullable => 1, size => [28, 6] },
 "checkedby",
  { data_type => "integer", is_foreign_key => 1, is_nullable => 1 },
  "checkeddate",
  { data_type => "date", datetime_undef_if_invalid => 1, is_nullable => 1
  "approvedby",
  { data_type => "integer", is_foreign_key => 1, is_nullable => 1 },
  "approveddate",
  { data_type => "date", datetime_undef_if_invalid => 1, is_nullable => 1
);

=head1 PRIMARY KEY

=over 4

=item * L</suggestionid>

=back
```

Ln: 311 Col: 10/14 Ch: 10/14 windows-1252 Unix

```
  {
    is_deferrable => 1,
    join_type     => "LEFT",
    on_delete     => "SET NULL",
    on_update     => "CASCADE",
  },
);


=head2 checkedby


Type: belongs_to


Related object: L<Koha::Schema::Result::Borrower>


=cut


__PACKAGE__->belongs_to(
  "checkedby",
  "Koha::Schema::Result::Borrower",
  { borrowernumber => "checkedby" },
  {
    is_deferrable => 1,
    join_type     => "LEFT",
    on_delete     => "SET NULL",
    on_update     => "CASCADE",
  },
);

=head2 approvedby

Type: belongs_to

Related object: L<Koha::Schema::Result::Borrower>

=cut

__PACKAGE__->belongs_to(
  "approvedby",
  "Koha::Schema::Result::Borrower",
  { borrowernumber => "approvedby" },
```


WinMerge - [Suggestion.pm x 2]
File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane
Diff Pane
Type here to search
ENG
14:57
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\lib\Koha\Schema\Result\Suggestion.pm

```
=cut

__PACKAGE__->belongs_to(
  "suggestedby",
  "Koha::Schema::Result::Borrower",
  { borrowernumber => "suggestedby" },
```

Line: 433-434 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\lib\Koha\Schema\Result\Suggestion.pm

```
=cut

__PACKAGE__->belongs_to(
  "suggestedby",
  "Koha::Schema::Result::Borrower",
  { borrowernumber => "suggestedby" },
  {
    is_deferrable => 1,
    join_type     => "LEFT",
    on_delete     => "SET NULL",
    on_update     => "CASCADE",
  },
);

=head2 checkedby

Type: belongs_to

Related object: L<Koha::Schema::Result::Borrower>

=cut

__PACKAGE__->belongs_to(
  "checkedby",
  "Koha::Schema::Result::Borrower",
  { borrowernumber => "checkedby" },
  {
```

Ln: 468 Col: 2/4 Ch: 2/4 windows-1252 Unix

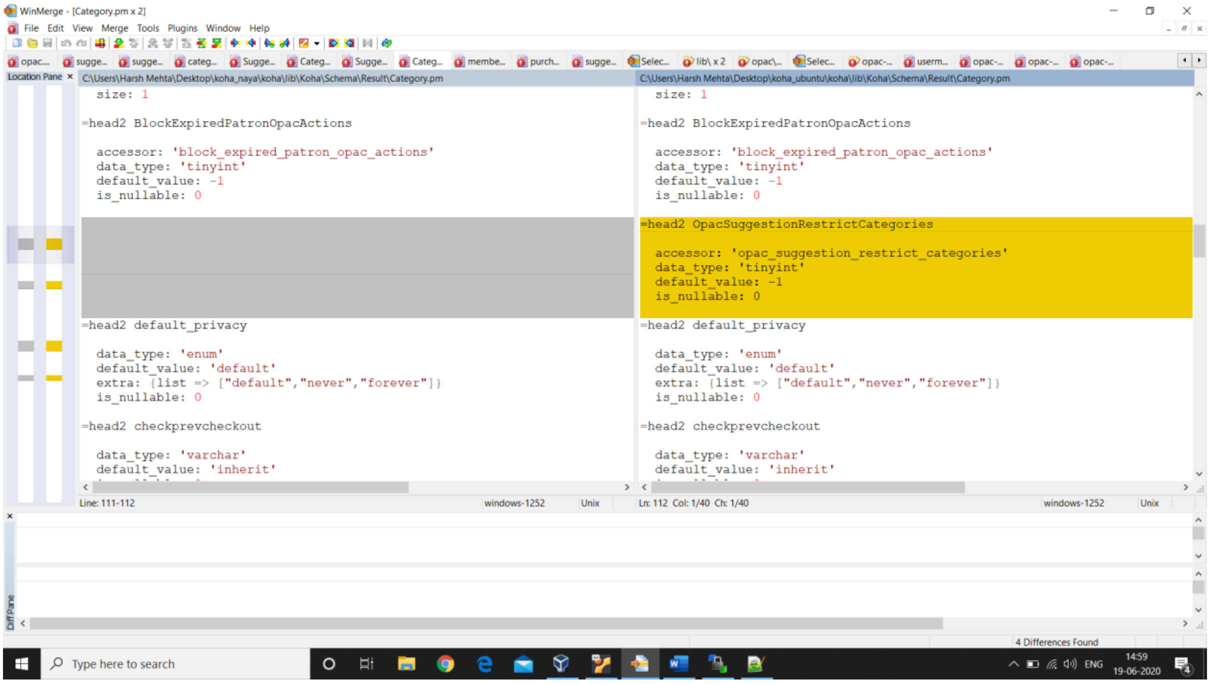
3 Differences Found

File:category.pm

Location: /usr/share/koha/lib/Koha/Schema/Result

Code:

```
=head2 OpacSuggestionRestrictCategories


  accessor: 'opac_suggestion_restrict_categories'

  data_type: 'tinyint'

  default_value: -1

  is_nullable: 0
```


WinMerge - [Category.pm x 2]
File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane
Diff Pane
Type here to search
ENG
14:59
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\lib\Koha\Schema\Result\Category.pm

```
  size: 1

=head2 BlockExpiredPatronOpacActions

  accessor: 'block_expired_patron_opac_actions'
  data_type: 'tinyint'
  default_value: -1
  is_nullable: 0



=head2 default_privacy

  data_type: 'enum'
  default_value: 'default'
  extra: {list => ["default","never","forever"]}
  is_nullable: 0

=head2 checkprevcheckout

  data_type: 'varchar'
  default_value: 'inherit'
```

Line: 111-112 windows-1252 Unix

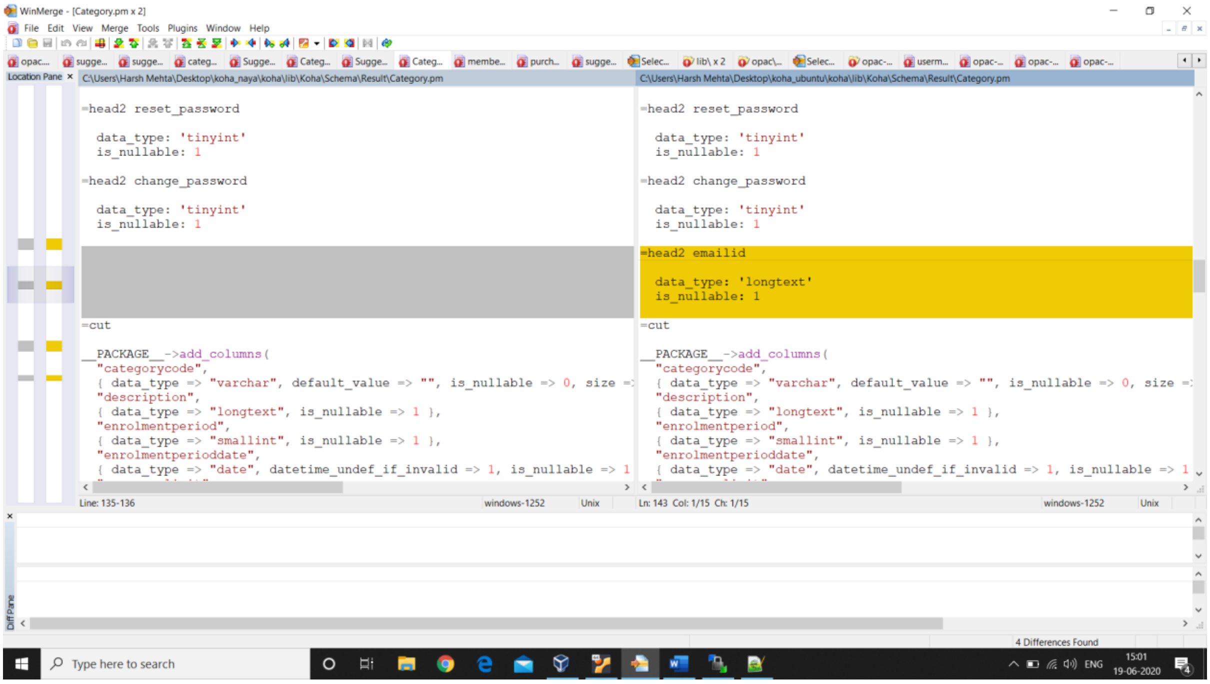
C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\lib\Koha\Schema\Result\Category.pm

```
  size: 1

=head2 BlockExpiredPatronOpacActions

  accessor: 'block_expired_patron_opac_actions'
  data_type: 'tinyint'
  default_value: -1
  is_nullable: 0

=head2 OpacSuggestionRestrictCategories

  accessor: 'opac_suggestion_restrict_categories'
  data_type: 'tinyint'
  default_value: -1
  is_nullable: 0
=head2 default_privacy

  data_type: 'enum'
  default_value: 'default'
  extra: {list => ["default","never","forever"]}
  is_nullable: 0

=head2 checkprevcheckout

  data_type: 'varchar'
  default_value: 'inherit'
```

Ln: 112 Col: 1/40 Ch: 1/40 windows-1252 Unix

4 Differences Found

```
=head2 emailid


  data_type: 'longtext'

  is_nullable: 1
```


WinMerge - [Category.pm x 2]
File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane
Diff Pane
Type here to search
ENG
15:01
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\lib\Koha\Schema\Result\Category.pm

```
=head2 reset_password

  data_type: 'tinyint'
  is_nullable: 1

=head2 change_password

  data_type: 'tinyint'
  is_nullable: 1

=cut

__PACKAGE__->add_columns(
  "categorycode",
  { data_type => "varchar", default_value => "", is_nullable => 0, size =
  "description",
  { data_type => "longtext", is_nullable => 1 },
  "enrolmentperiod",
  { data_type => "smallint", is_nullable => 1 },
  "enrolmentperioddate",
  { data_type => "date", datetime_undef_if_invalid => 1, is_nullable => 1
```

Line: 135-136 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\lib\Koha\Schema\Result\Category.pm

```
=head2 reset_password

  data_type: 'tinyint'
  is_nullable: 1

=head2 change_password

  data_type: 'tinyint'
  is_nullable: 1

=head2 emailid

  data_type: 'longtext'
  is_nullable: 1

=cut

__PACKAGE__->add_columns(
  "categorycode",
  { data_type => "varchar", default_value => "", is_nullable => 0, size =
  "description",
  { data_type => "longtext", is_nullable => 1 },
  "enrolmentperiod",
  { data_type => "smallint", is_nullable => 1 },
  "enrolmentperioddate",
  { data_type => "date", datetime_undef_if_invalid => 1, is_nullable => 1
```

Ln: 143 Col: 1/15 Ch: 1/15 windows-1252 Unix

4 Differences Found

"OpacSuggestionRestrictCategories",

{

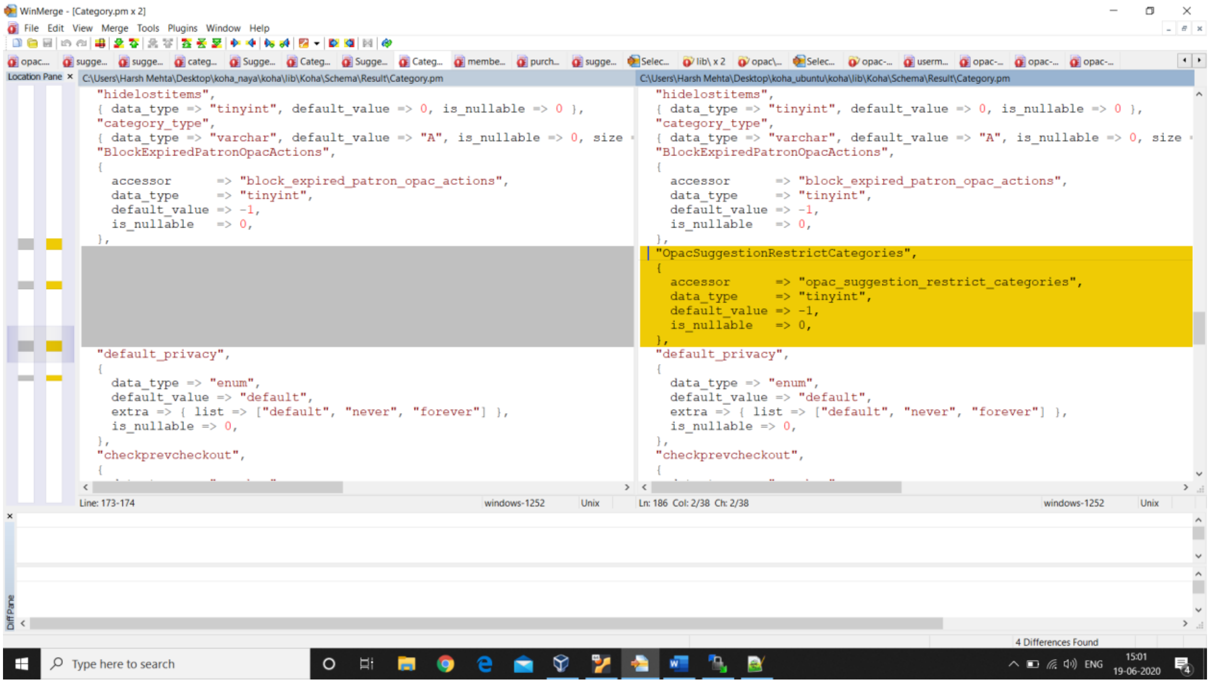
accessor => "opac_suggestion_restrict_categories",

data_type => "tinyint",

default_value => -1,

is_nullable => 0,

},


WinMerge - [Category.pm x 2]
File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane
Diff Pane
Type here to search
ENG
15:01
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\lib\Koha\Schema\Result\Category.pm

```
  "hidelostitems",
  { data_type => "tinyint", default_value => 0, is_nullable => 0 },
  "category_type",
  { data_type => "varchar", default_value => "A", is_nullable => 0, size
  "BlockExpiredPatronOpacActions",
  {
    accessor      => "block_expired_patron_opac_actions",
    data_type     => "tinyint",
    default_value => -1,
    is_nullable   => 0,
  },
  "default_privacy",
  {
    data_type => "enum",
    default_value => "default",
    extra => { list => ["default", "never", "forever"] },
    is_nullable => 0,
  },
  "checkprevcheckout",
  {
```

Line: 173-174 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\lib\Koha\Schema\Result\Category.pm

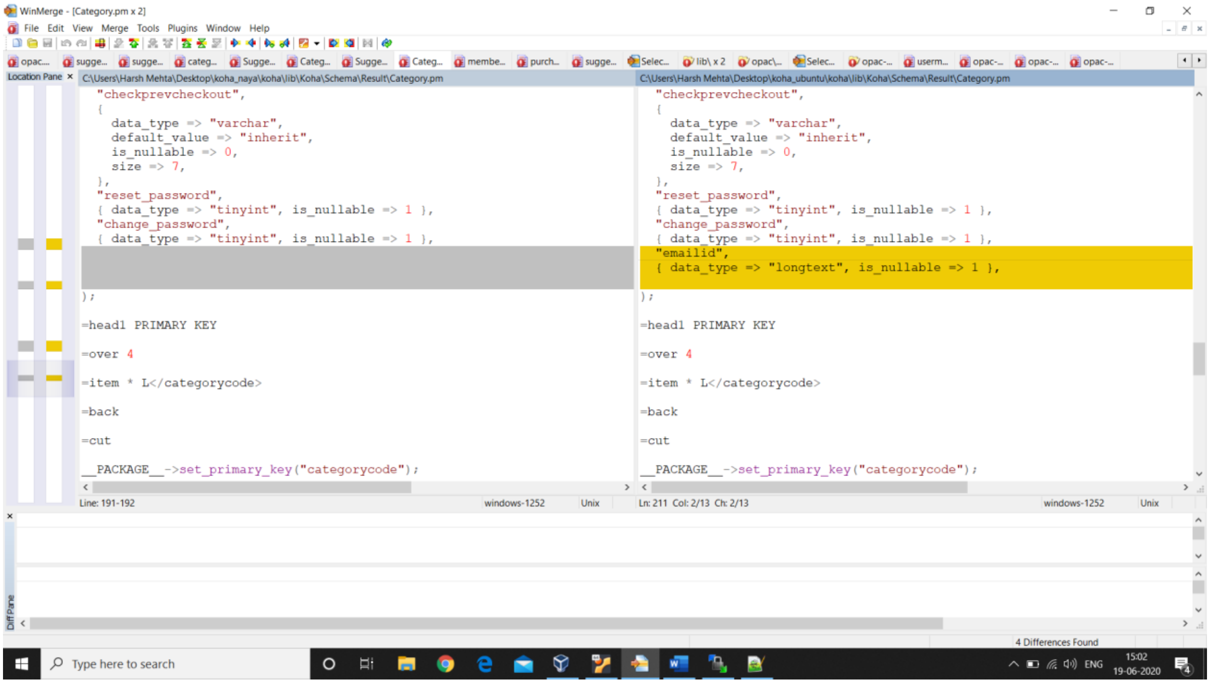
```
  "hidelostitems",
  { data_type => "tinyint", default_value => 0, is_nullable => 0 },
  "category_type",
  { data_type => "varchar", default_value => "A", is_nullable => 0, size
  "BlockExpiredPatronOpacActions",
  {
    accessor      => "block_expired_patron_opac_actions",
    data_type     => "tinyint",
    default_value => -1,
    is_nullable   => 0,
  },
  "OpacSuggestionRestrictCategories",
  {
    accessor      => "opac_suggestion_restrict_categories",
    data_type     => "tinyint",
    default_value => -1,
    is_nullable   => 0,
  },
  "default_privacy",
  {
    data_type => "enum",
    default_value => "default",
    extra => { list => ["default", "never", "forever"] },
    is_nullable => 0,
  },
  "checkprevcheckout",
  {
```

Ln: 186 Col: 2/38 Ch: 2/38 windows-1252 Unix

4 Differences Found

"emailid",

{ data_type => "longtext", is_nullable => 1 },



WinMerge - [Category.pm x 2]
File Edit View Merge Tools Plugins Window Help
Location Pane

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\lib\Koha\Schema\Result\Category.pm

```
  "checkprevcheckout",
  {
    data_type => "varchar",
    default_value => "inherit",
    is_nullable => 0,
    size => 7,
  },
  "reset_password",
  { data_type => "tinyint", is_nullable => 1 },
  "change_password",
  { data_type => "tinyint", is_nullable => 1 },


);

=head1 PRIMARY KEY

=over 4

=item * L</categorycode>

=back

=cut

__PACKAGE__->set_primary_key("categorycode");
```

Line: 191-192 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\lib\Koha\Schema\Result\Category.pm

```
  "checkprevcheckout",
  {
    data_type => "varchar",
    default_value => "inherit",
    is_nullable => 0,
    size => 7,
  },
  "reset_password",
  { data_type => "tinyint", is_nullable => 1 },
  "change_password",
  { data_type => "tinyint", is_nullable => 1 },
  "emailid",
  { data_type => "longtext", is_nullable => 1 },
);

=head1 PRIMARY KEY

=over 4

=item * L</categorycode>

=back

=cut

__PACKAGE__->set_primary_key("categorycode");
```

Ln: 211 Col: 2/13 Ch: 2/13 windows-1252 Unix

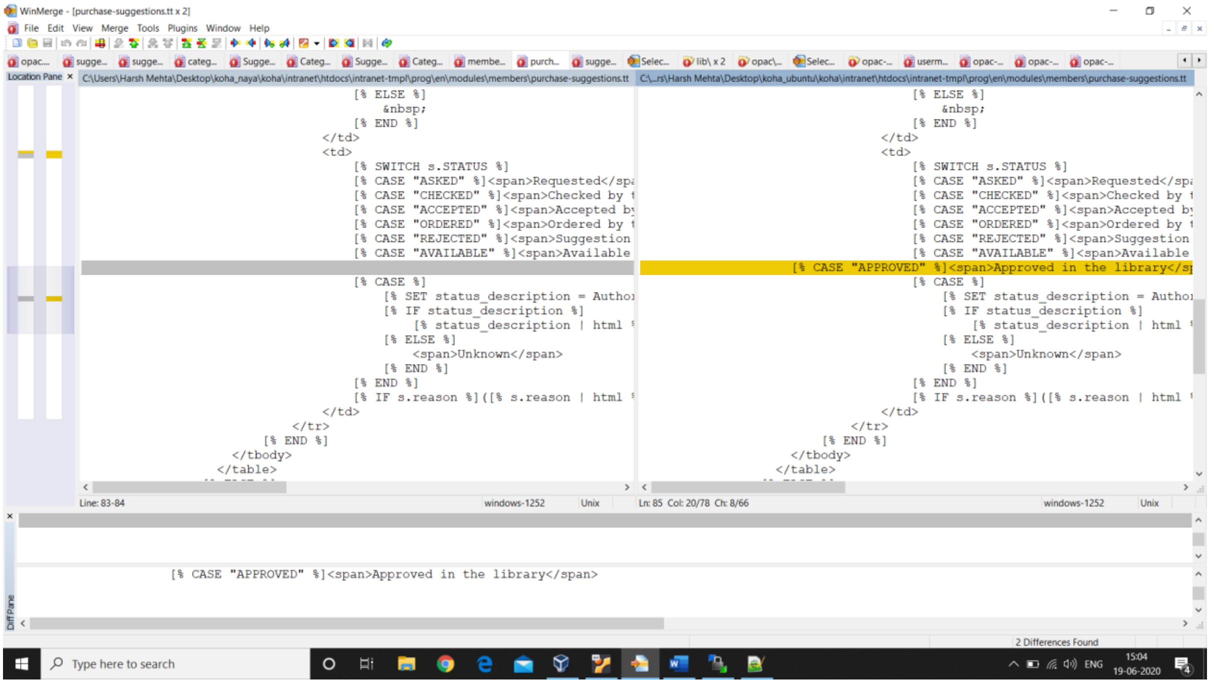
4 Differences Found

File: purchase-suggestions.tt

Location: /usr/share/koha/intranet/htdocs/intranet-tmpl/prog/en/modules/members

Code:

[% CASE "APPROVED" %]<span>Approved in the library</span>


WinMerge - [purchase-suggestions.tt x 2]
File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane
Diff Pane
Type here to search
ENG
15:04
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\members\purchase-suggestions.tt

```
                  [% ELSE %]
                      &nbsp;
                  [% END %]
              </td>
              <td>
                  [% SWITCH s.STATUS %]
                  [% CASE "ASKED" %]<span>Requested</spa
                  [% CASE "CHECKED" %]<span>Checked by t
                  [% CASE "ACCEPTED" %]<span>Accepted by
                  [% CASE "ORDERED" %]<span>Ordered by t
                  [% CASE "REJECTED" %]<span>Suggestion
                  [% CASE "AVAILABLE" %]<span>Available

                  [% CASE %]
                      [% SET status_description = Author
                      [% IF status_description %]
                          [% status_description | html %
                      [% ELSE %]
                          <span>Unknown</span>
                      [% END %]
                  [% END %]
                  [% IF s.reason %]([% s.reason | html %
              </td>
          </tr>
      [% END %]
  </tbody>
</table>
```

Line: 83-84 windows-1252 Unix

C:\...rs\Harsh Mehta\Desktop\koha_ubuntu\koha\intranet\htdocs\intranet-tmpl\prog\en\modules\members\purchase-suggestions.tt

```
                  [% ELSE %]
                      &nbsp;
                  [% END %]
              </td>
              <td>
                  [% SWITCH s.STATUS %]
                  [% CASE "ASKED" %]<span>Requested</spa
                  [% CASE "CHECKED" %]<span>Checked by t
                  [% CASE "ACCEPTED" %]<span>Accepted by
                  [% CASE "ORDERED" %]<span>Ordered by t
                  [% CASE "REJECTED" %]<span>Suggestion
                  [% CASE "AVAILABLE" %]<span>Available
  [% CASE "APPROVED" %]<span>Approved in the library</sp
                  [% CASE %]
                      [% SET status_description = Author
                      [% IF status_description %]
                          [% status_description | html %
                      [% ELSE %]
                          <span>Unknown</span>
                      [% END %]
                  [% END %]
                  [% IF s.reason %]([% s.reason | html %
              </td>
          </tr>
      [% END %]
  </tbody>
</table>
```

Ln: 85 Col: 20/78 Ch: 8/66 windows-1252 Unix

```
        [% CASE "APPROVED" %]<span>Approved in the library</span>
```

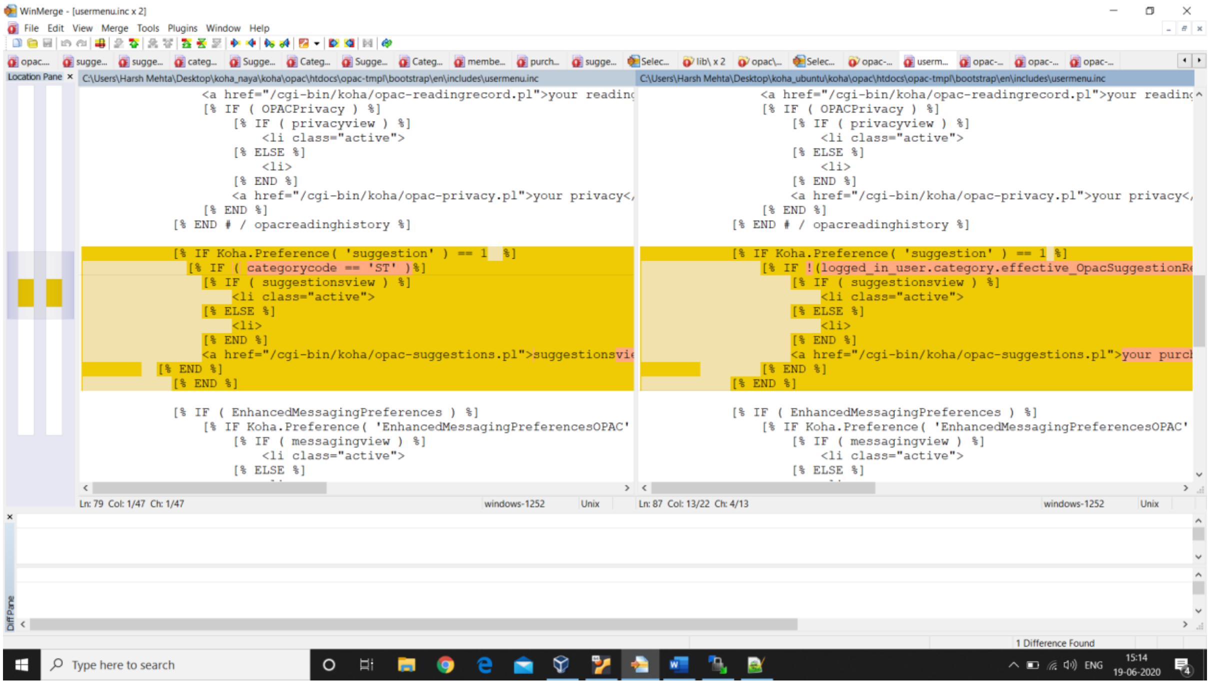
2 Differences Found

File:usermenu.inc

Loc: /usr/share/koha/opac/htdocs/opac-tmpl/bootstrap/en/includes

Code:

```
        [% IF Koha.Preference( 'suggestion' ) == 1 %]
                        [% IF
!(logged_in_user.category.effective_OpacSuggestionRestrictCategories) %]
                                [% IF ( suggestionsview ) %]
                                        <li class="active">
                                [% ELSE %]
                                        <li>
                                [% END %]
                                <a href="/cgi-bin/koha/opac-suggestions.pl">your purchase
suggestions</a></li>
                        [% END %]
                [% END %]
```



WinMerge - [usermenu.inc x 2]
File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane
Diff Pane

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\opac\htdocs\opac-tmpl\bootstrap\en\includes\usermenu.inc

```
                <a href="/cgi-bin/koha/opac-readingrecord.pl">your readin
                [% IF ( OPACPrivacy ) %]
                    [% IF ( privacyview ) %]
                        <li class="active">
                    [% ELSE %]
                        <li>
                    [% END %]
                    <a href="/cgi-bin/koha/opac-privacy.pl">your privacy</
                [% END %]
            [% END # / opacreadinghistory %]

            [% IF Koha.Preference( 'suggestion' ) == 1  %]
              [% IF ( categorycode == 'ST' )%]
                [% IF ( suggestionsview ) %]
                    <li class="active">
                [% ELSE %]
                    <li>
                [% END %]
                <a href="/cgi-bin/koha/opac-suggestions.pl">suggestionsvi
          [% END %]
            [% END %]

            [% IF ( EnhancedMessagingPreferences ) %]
                [% IF Koha.Preference( 'EnhancedMessagingPreferencesOPAC'
                    [% IF ( messagingview ) %]
                        <li class="active">
                    [% ELSE %]
```

Ln: 79 Col: 1/47 Ch: 1/47 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\opac\htdocs\opac-tmpl\bootstrap\en\includes\usermenu.inc

```
                <a href="/cgi-bin/koha/opac-readingrecord.pl">your readin
                [% IF ( OPACPrivacy ) %]
                    [% IF ( privacyview ) %]
                        <li class="active">
                    [% ELSE %]
                        <li>
                    [% END %]
                    <a href="/cgi-bin/koha/opac-privacy.pl">your privacy</
                [% END %]
            [% END # / opacreadinghistory %]

            [% IF Koha.Preference( 'suggestion' ) == 1 %]
                [% IF !(logged_in_user.category.effective_OpacSuggestionRe
                    [% IF ( suggestionsview ) %]
                        <li class="active">
                    [% ELSE %]
                        <li>
                    [% END %]
                    <a href="/cgi-bin/koha/opac-suggestions.pl">your purch
                [% END %]
            [% END %]

            [% IF ( EnhancedMessagingPreferences ) %]
                [% IF Koha.Preference( 'EnhancedMessagingPreferencesOPAC'
                    [% IF ( messagingview ) %]
                        <li class="active">
                    [% ELSE %]
```

Ln: 87 Col: 13/22 Ch: 4/13 windows-1252 Unix

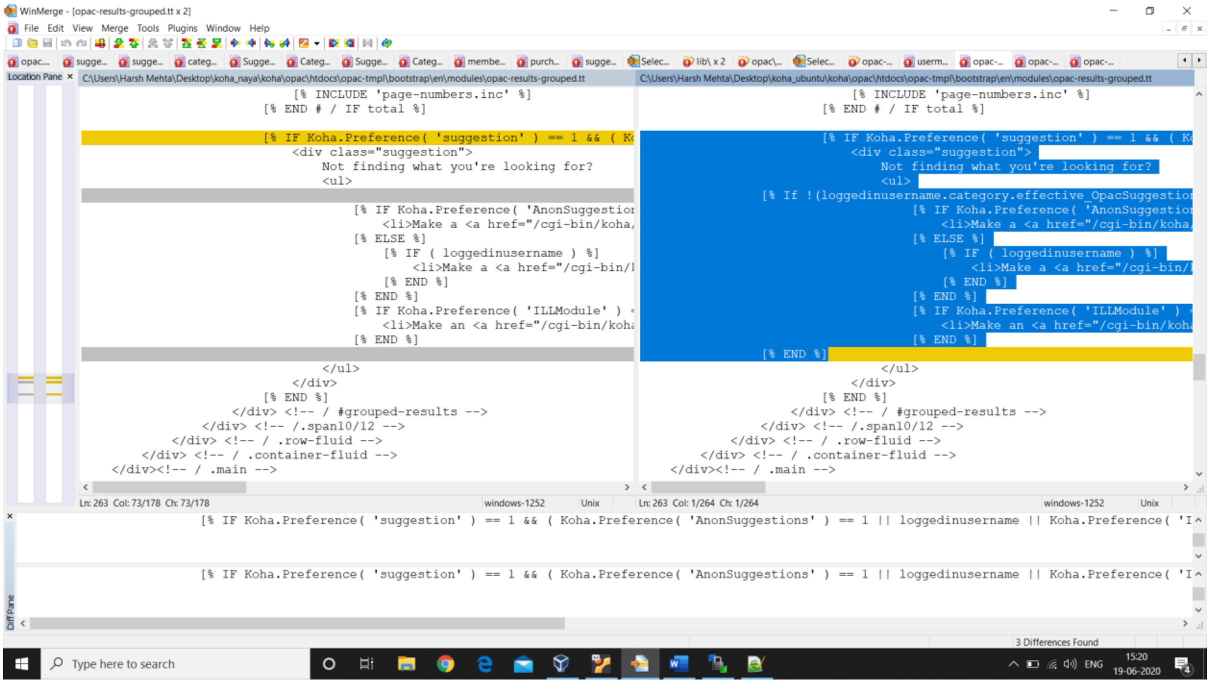
1 Difference Found

File:opac-results-grouped.tt

Loc: /usr/share/koha/opac/htdocs/opac-tmpl/bootstrap/en/modules

Code:

```
                [% IF Koha.Preference( 'suggestion' ) == 1 && ( Koha.Preference( 'AnonSuggestions' ) == 1 || loggedinusername || Koha.Preference( 'ILLModule' ) == 1 ) || ( Koha.Preference( 'OpacSuggestionRestrictCategories' ) == 0 && loggedinusername ) %]

                    <div class="suggestion">

                        Not finding what you're looking for?

                        <ul>

                                    [% If !(loggedinusername.category.effective_OpacSuggestionRestrictCategories) %]

                            [% IF Koha.Preference( 'AnonSuggestions' ) == 1 %]

                                <li>Make a <a href="/cgi-bin/koha/opac-suggestions.pl?op=add">purchase suggestion</a></li>

                            [% ELSE %]

                                [% IF ( loggedinusername ) %]

                                    <li>Make a <a href="/cgi-bin/koha/opac-suggestions.pl?op=add">purchase suggestion</a></li>

                                [% END %]

                            [% END %]

                            [% IF Koha.Preference( 'ILLModule' ) == 1 && loggedinusername %]

                                <li>Make an <a href="/cgi-bin/koha/opac-illrequests.pl?op=create">Interlibrary loan request</a></li>

                            [% END %]

                                    [% END %]



         [% IF Koha.Preference( 'suggestion' ) == 1 && ( Koha.Preference( 'AnonSuggestions' ) == 1 || loggedinusername || Koha.Preference( 'ILLModule' ) == 1 ) || ( Koha.Preference( 'OpacSuggestionRestrictCategories' ) == 0 && loggedinusername ) %]

                    <div class="suggestion">

                        Not finding what you're looking for?

                        <ul>

                                    [% If !(loggedinusername.category.effective_OpacSuggestionRestrictCategories) %]

                            [% IF Koha.Preference( 'AnonSuggestions' ) == 1 %]
                                <li>Make a <a href="/cgi-bin/koha/opac-suggestions.pl?op=add">purchase suggestion</a></li>
                            [% ELSE %]
                                [% IF ( loggedinusername ) %]
                                    <li>Make a <a href="/cgi-bin/koha/opac-suggestions.pl?op=add">purchase suggestion</a></li>
                                [% END %]
                            [% END %]
                            [% IF Koha.Preference( 'ILLModule' ) == 1 && loggedinusername %]
                                <li>Make an <a href="/cgi-bin/koha/opac-illrequests.pl?op=create">Interlibrary loan request</a></li>
                            [% END %]
                                    [% END %]
```



WinMerge - [opac-results-grouped.tt x 2]
File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane
Diff Pane

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\opac\htdocs\opac-tmpl\bootstrap\en\modules\opac-results-grouped.tt

```
                    [% INCLUDE 'page-numbers.inc' %]
                [% END # / IF total %]

                [% IF Koha.Preference( 'suggestion' ) == 1 && ( Ko
                    <div class="suggestion">
                        Not finding what you're looking for?
                        <ul>

                            [% IF Koha.Preference( 'AnonSuggestion
                                <li>Make a <a href="/cgi-bin/koha/
                            [% ELSE %]
                                [% IF ( loggedinusername ) %]
                                    <li>Make a <a href="/cgi-bin/l
                                [% END %]
                            [% END %]
                            [% IF Koha.Preference( 'ILLModule' ) =
                                <li>Make an <a href="/cgi-bin/koha
                            [% END %]

                        </ul>
                    </div>
                [% END %]
            </div> <!-- / #grouped-results -->
        </div> <!-- /.span10/12 -->
    </div> <!-- / .row-fluid -->
</div> <!-- / .container-fluid -->
</div><!-- / .main -->
```

Ln: 263 Col: 73/178 Ch: 73/178 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\opac\htdocs\opac-tmpl\bootstrap\en\modules\opac-results-grouped.tt

```
                    [% INCLUDE 'page-numbers.inc' %]
                [% END # / IF total %]

                [% IF Koha.Preference( 'suggestion' ) == 1 && ( Ko
                    <div class="suggestion">
                        Not finding what you're looking for?
                        <ul>
            [% If !(loggedinusername.category.effective_OpacSuggestion
                            [% IF Koha.Preference( 'AnonSuggestion
                                <li>Make a <a href="/cgi-bin/koha/
                            [% ELSE %]
                                [% IF ( loggedinusername ) %]
                                    <li>Make a <a href="/cgi-bin/l
                                [% END %]
                            [% END %]
                            [% IF Koha.Preference( 'ILLModule' ) =
                                <li>Make an <a href="/cgi-bin/koha
                            [% END %]
            [% END %]
                        </ul>
                    </div>
                [% END %]
            </div> <!-- / #grouped-results -->
        </div> <!-- /.span10/12 -->
    </div> <!-- / .row-fluid -->
</div> <!-- / .container-fluid -->
</div><!-- / .main -->
```

Ln: 263 Col: 1/264 Ch: 1/264 windows-1252 Unix

```
                [% IF Koha.Preference( 'suggestion' ) == 1 && ( Koha.Preference( 'AnonSuggestions' ) == 1 || loggedinusername || Koha.Preference( 'I

                [% IF Koha.Preference( 'suggestion' ) == 1 && ( Koha.Preference( 'AnonSuggestions' ) == 1 || loggedinusername || Koha.Preference( 'I
```

3 Differences Found

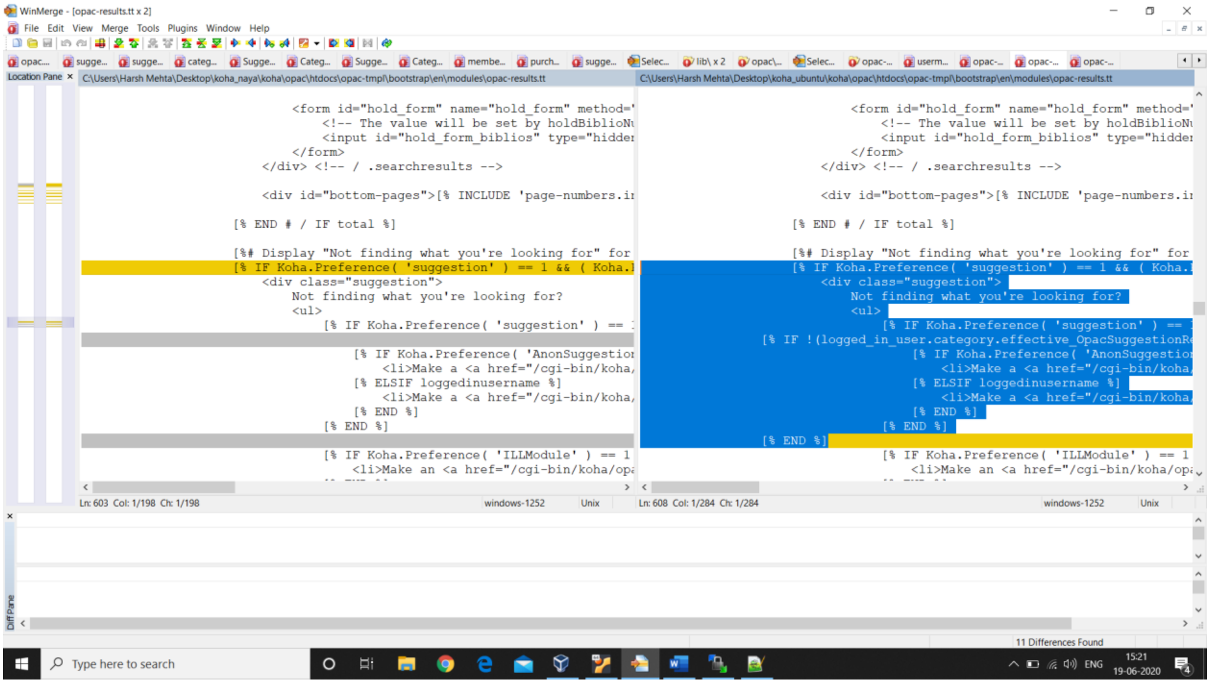
Type here to search   ENG 15:20 19-06-2020

File:opac-results.tt

Loc: /usr/share/koha/opac/htdocs/opac-tmpl/bootstrap/en/modules

Code:

```
                [% IF Koha.Preference( 'suggestion' ) == 1 && ( Koha.Preference( 'AnonSuggestions' )
== 1 || loggedinusername ) || ( Koha.Preference( 'ILLModule' ) == 1 && loggedinusername ) || (
Koha.Preference( 'OpacSuggestionRestrictCategories' ) == 0 && loggedinusername ) %]

                   <div class="suggestion">

                      Not finding what you're looking for?

                      <ul>

                         [% IF Koha.Preference( 'suggestion' ) == 1 %]

                                         [% IF
!(logged_in_user.category.effective_OpacSuggestionRestrictCategories) %]

                            [% IF Koha.Preference( 'AnonSuggestions' ) == 1 %]

                               <li>Make a <a href="/cgi-bin/koha/opac-suggestions.pl?op=add">purchase
suggestion</a></li>

                            [% ELSIF loggedinusername %]

                               <li>Make a <a href="/cgi-bin/koha/opac-suggestions.pl?op=add">purchase
suggestion</a></li>

                            [% END %]

                         [% END %]

                                         [% END %]
```



WinMerge - [opac-results.tt x 2]
File Edit View Merge Tools Plugins Window Help
opac... sugge... sugge... categ... Sugge... Categ... Sugge... Categ... membe... purch... sugge... Selec... lib\ x 2 opac\... Selec... opac-... userm... opac-... opac-... opac-...
Location Pane
Diff Pane
Type here to search
ENG
15:21
19-06-2020

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\opac\htdocs\opac-tmpl\bootstrap\en\modules\opac-results.tt

```
            <form id="hold_form" name="hold_form" method='
                <!-- The value will be set by holdBiblioNu
                <input id="hold_form_biblios" type="hidder
            </form>
        </div> <!-- / .searchresults -->

        <div id="bottom-pages">[% INCLUDE 'page-numbers.ir

    [% END # / IF total %]

    [%# Display "Not finding what you're looking for" for
    [% IF Koha.Preference( 'suggestion' ) == 1 && ( Koha.I
        <div class="suggestion">
            Not finding what you're looking for?
            <ul>
                [% IF Koha.Preference( 'suggestion' ) == 1

                    [% IF Koha.Preference( 'AnonSuggestior
                        <li>Make a <a href="/cgi-bin/koha/
                    [% ELSIF loggedinusername %]
                        <li>Make a <a href="/cgi-bin/koha/
                    [% END %]
                [% END %]

                [% IF Koha.Preference( 'ILLModule' ) == 1
                    <li>Make an <a href="/cgi-bin/koha/opa
```

Ln: 603 Col: 1/198 Ch: 1/198 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\opac\htdocs\opac-tmpl\bootstrap\en\modules\opac-results.tt

```
                <form id="hold_form" name="hold_form" method='
                    <!-- The value will be set by holdBiblioNu
                    <input id="hold_form_biblios" type="hidder
                </form>
            </div> <!-- / .searchresults -->

            <div id="bottom-pages">[% INCLUDE 'page-numbers.ir

        [% END # / IF total %]

        [%# Display "Not finding what you're looking for" for
        [% IF Koha.Preference( 'suggestion' ) == 1 && ( Koha.I
            <div class="suggestion">
                Not finding what you're looking for?
                <ul>
                    [% IF Koha.Preference( 'suggestion' ) == 1
    [% IF !(logged_in_user.category.effective_OpacSuggestionRe
                        [% IF Koha.Preference( 'AnonSuggestior
                            <li>Make a <a href="/cgi-bin/koha/
                        [% ELSIF loggedinusername %]
                            <li>Make a <a href="/cgi-bin/koha/
                        [% END %]
                    [% END %]
    [% END %]
                    [% IF Koha.Preference( 'ILLModule' ) == 1
                        <li>Make an <a href="/cgi-bin/koha/opa
```

Ln: 608 Col: 1/284 Ch: 1/284 windows-1252 Unix

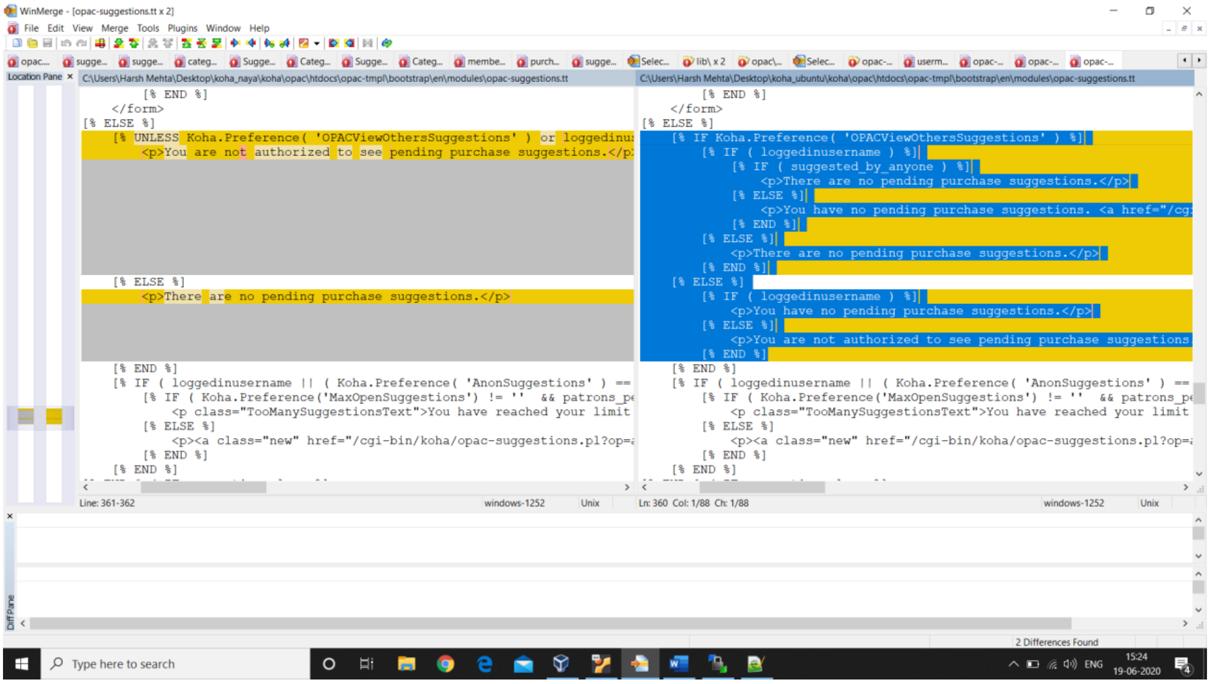
11 Differences Found

File:opac-suggestions.tt

Loc: /usr/share/koha/opac/htdocs/opac-tmpl/bootstrap/en/modules

Code:

```
[% IF Koha.Preference( 'OPACViewOthersSuggestions' ) %]
    [% IF ( loggedinusername ) %]
        [% IF ( suggested_by_anyone ) %]
            <p>There are no pending purchase suggestions.</p>
        [% ELSE %]
            <p>You have no pending purchase suggestions. <a href="/cgi-bin/koha/opac-suggestions.pl?suggested_by_anyone=1">View all suggestions</a></p>
        [% END %]
    [% ELSE %]
        <p>There are no pending purchase suggestions.</p>
    [% END %]
[% ELSE %]
    [% IF ( loggedinusername ) %]
        <p>You have no pending purchase suggestions.</p>
    [% ELSE %]
        <p>You are not authorized to see pending purchase suggestions.</p>
    [% END %]
```



WinMerge - [opac-suggestions.tt x 2]
File Edit View Merge Tools Plugins Window Help
Location Pane
Diff Pane
2 Differences Found

C:\Users\Harsh Mehta\Desktop\koha_naya\koha\opac\htdocs\opac-tmpl\bootstrap\en\modules\opac-suggestions.tt

```
        [% END %]
    </form>
[% ELSE %]
    [% UNLESS Koha.Preference( 'OPACViewOthersSuggestions' ) or loggedinu
        <p>You are not authorized to see pending purchase suggestions.</p

    [% ELSE %]
        <p>There are no pending purchase suggestions.</p>

    [% END %]
    [% IF ( loggedinusername || ( Koha.Preference( 'AnonSuggestions' ) ==
        [% IF ( Koha.Preference('MaxOpenSuggestions') != ''  && patrons_pe
            <p class="TooManySuggestionsText">You have reached your limit
        [% ELSE %]
            <p><a class="new" href="/cgi-bin/koha/opac-suggestions.pl?op=a
        [% END %]
    [% END %]
```

Line: 361-362 windows-1252 Unix

C:\Users\Harsh Mehta\Desktop\koha_ubuntu\koha\opac\htdocs\opac-tmpl\bootstrap\en\modules\opac-suggestions.tt

```
        [% END %]
    </form>
[% ELSE %]
    [% IF Koha.Preference( 'OPACViewOthersSuggestions' ) %]
        [% IF ( loggedinusername ) %]
            [% IF ( suggested_by_anyone ) %]
                <p>There are no pending purchase suggestions.</p>
            [% ELSE %]
                <p>You have no pending purchase suggestions. <a href="/cg
            [% END %]
        [% ELSE %]
            <p>There are no pending purchase suggestions.</p>
        [% END %]
    [% ELSE %]
        [% IF ( loggedinusername ) %]
            <p>You have no pending purchase suggestions.</p>
        [% ELSE %]
            <p>You are not authorized to see pending purchase suggestions
        [% END %]
    [% END %]
    [% IF ( loggedinusername || ( Koha.Preference( 'AnonSuggestions' ) ==
        [% IF ( Koha.Preference('MaxOpenSuggestions') != ''  && patrons_pe
            <p class="TooManySuggestionsText">You have reached your limit
        [% ELSE %]
            <p><a class="new" href="/cgi-bin/koha/opac-suggestions.pl?op=a
        [% END %]
    [% END %]
```

Ln: 360 Col: 1/88 Ch: 1/88 windows-1252 Unix

Chapter 8

Database Code snippets:

The following tables have been altered:

1.) **Systempreferences**
2.) **Categories**
3.) **Letter**
4.) **Suggestions**

(Adding a new row ‘OpacSuggestionRestrictCategories’ in systempreferences table)

```
1.) Insert into systempreferences values ('OpacSuggestionRestrictCategories', '1', NULL, 'Patron Categories from submitting purchase suggestion', 'Yes/No');
```

(Adding a new column ‘OpacSuggestionRestrictCategories’ in categories table)

```
2.) Alter table categories add OpacSuggestionRestrictCategories tinyint(1) ;
```

(Adding a new column ‘emailid’ in categories table)

```
3.) Alter table categories add emailid longtext;
```

(Adding a new Status viz. ‘Checked’ in the letter table)

```
4.) insert into letter
    select
    module,'CHECKED',branchcode,name,is_html,title,content,message_transport_type,lang from letter where module='suggestions' and
    code='ACCEPTED';
```

```
5.) UPDATE `letter` SET `name` = 'Suggestion checked' ,title='Purchase suggestion checked'
WHERE `letter`.`module` = 'suggestions' AND `letter`.`code` = 'CHECKED';
```

(Adding a new Status viz. ‘Approved’ in the letter table)

```
6.) insert into letter

Select

module,'APPROVED',branchcode,name,is_html,title,content,message_transport_type, lang from letter where module='suggestions' and code='ACCEPTED';
```

```
7.) UPDATE `letter` SET `name` = 'Suggestion approved' ,title='Purchase
suggestion approved'

WHERE `letter`.`module` = 'suggestions' AND `letter`.`code` = 'APPROVED';
```

(Adding new Status columns in the suggestions table)

```
8.) alter table suggestions add (checkedby int(11),checkeddate Date,approvedby
    int(11),approveddate Date);
```

(For viewing the queued emails and their status)

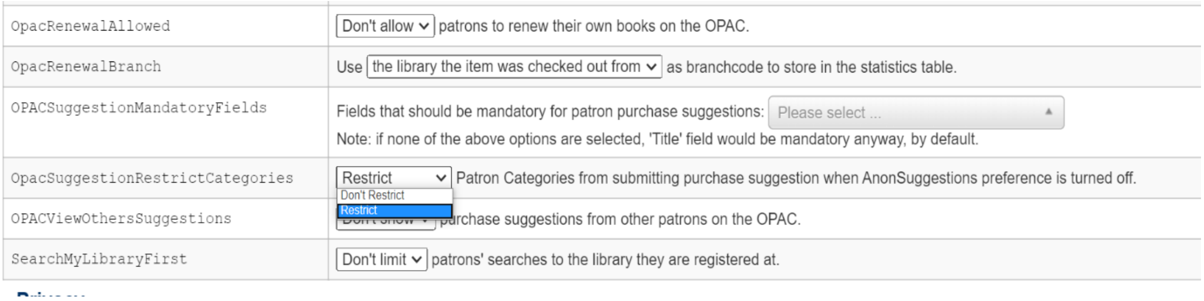
```
9.) Select * from message_queue
```

Chapter 9

Final Outcomes:

Screenshot 1:

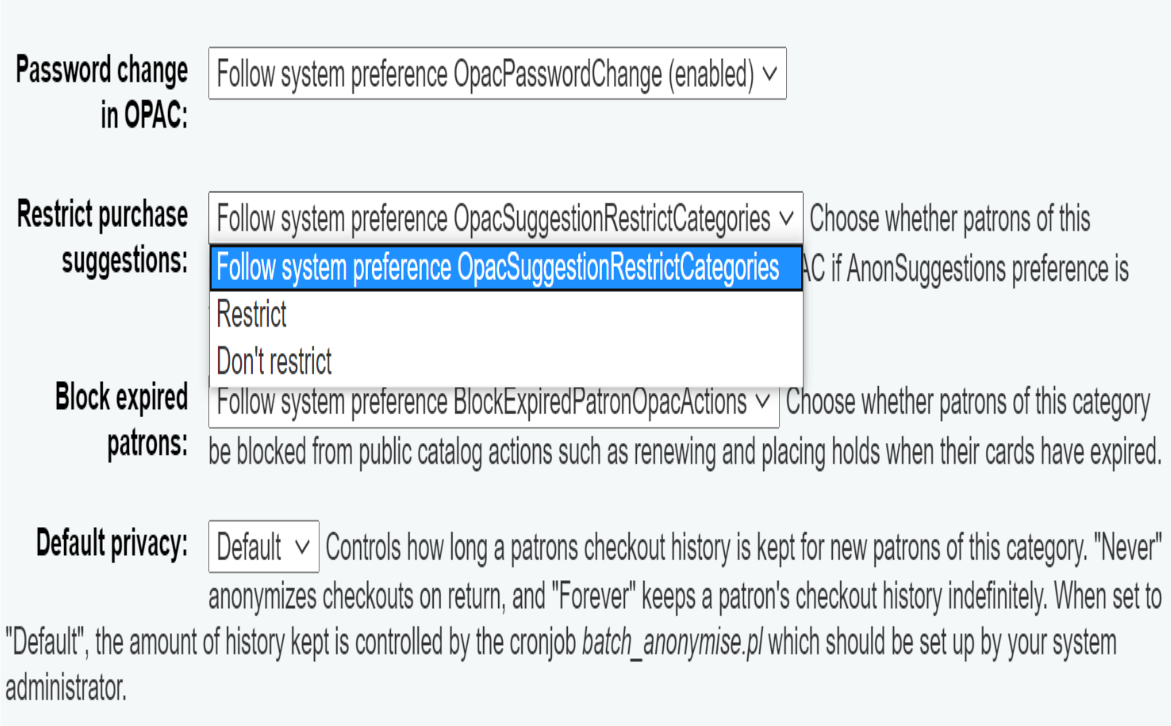
A drop-down menu named ‘OpacSuggestionRestrictCategories’ was added in global systempreferences



OpacRenewalAllowed	Don't allow ⌄ patrons to renew their own books on the OPAC.
OpacRenewalBranch	Use the library the item was checked out from ⌄ as branchcode to store in the statistics table.
OPACSuggestionMandatoryFields	Fields that should be mandatory for patron purchase suggestions: Please select ... Note: if none of the above options are selected, 'Title' field would be mandatory anyway, by default.
OpacSuggestionRestrictCategories	Restrict ⌄ Patron Categories from submitting purchase suggestion when AnonSuggestions preference is turned off.
OPACViewOthersSuggestions	Don't show ⌄ purchase suggestions from other patrons on the OPAC.
SearchMyLibraryFirst	Don't limit ⌄ patrons' searches to the library they are registered at.

Screenshot 2:

Another drop-down menu named 'Restrict purchase suggestions' was added in the category type page, using which a patron maybe allowed/disallowed from making a purchase suggestion.



Password change in OPAC: Follow system preference OpacPasswordChange (enabled)

Restrict purchase suggestions: Follow system preference OpacSuggestionRestrictCategories Choose whether patrons of this

Follow system preference OpacSuggestionRestrictCategories

Restrict

Don't restrict

AC if AnonSuggestions preference is

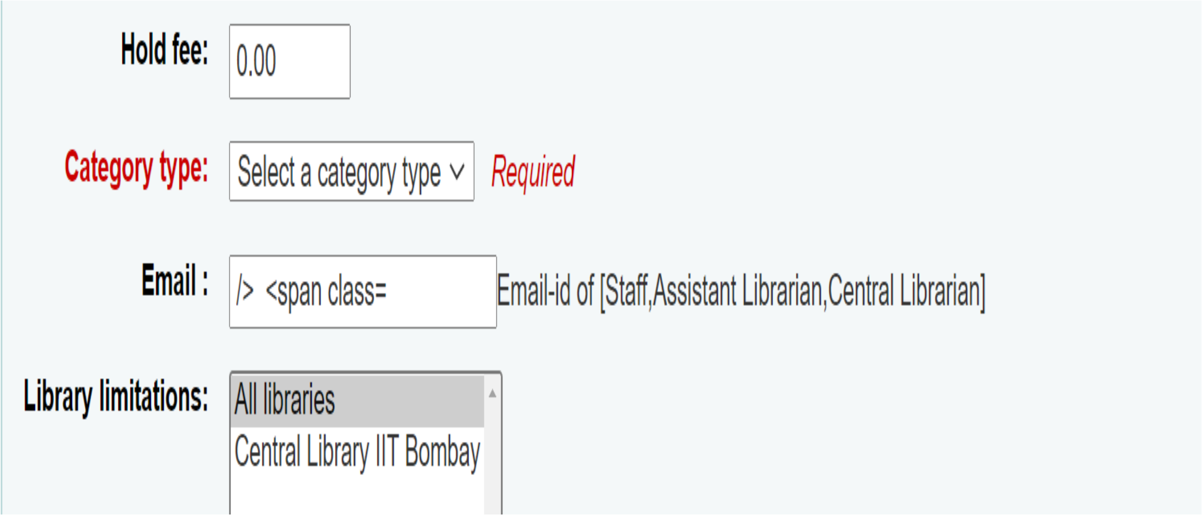
Block expired patrons: Follow system preference BlockExpiredPatronOpacActions Choose whether patrons of this category be blocked from public catalog actions such as renewing and placing holds when their cards have expired.

Default privacy: Default Controls how long a patrons checkout history is kept for new patrons of this category. "Never" anonymizes checkouts on return, and "Forever" keeps a patron's checkout history indefinitely. When set to "Default", the amount of history kept is controlled by the cronjob *batch_anonymise.pl* which should be set up by your system administrator.

Screenshot 3:

A new feature to add email-id of the library staff in order to send emails in each step of verifying the purchase suggestion.

Also, you need to keep the email textbox empty if you are among the restricted category.

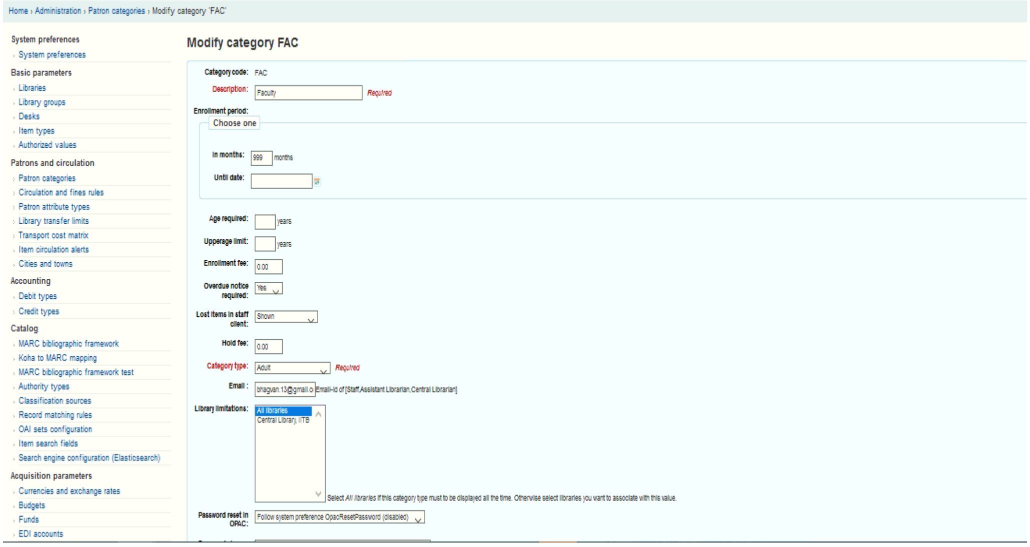


Hold fee: 0.00

Category type: Select a category type Required

Email : /> <span class= Email-id of [Staff,Assistant Librarian,Central Librarian]

Library limitations: All libraries
Central Library IIT Bombay



Modify category FAC

Category code: FAC

Description: Faculty *Required*

Enrollment period:

Choose one

In months: 999 months

Until date:

Age required: years

Upperage limit: years

Enrollment fee: 0.00

Overdue notice required: Yes

Lost items in staff client: Shown

Hold fee: 0.00

Category type: Adult *Required*

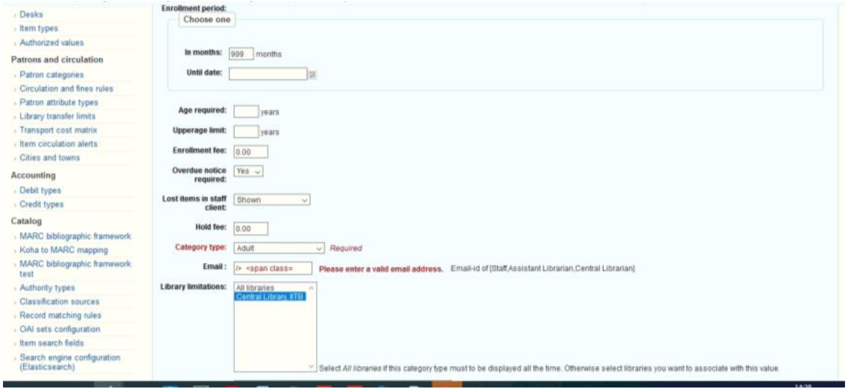
Email : bhagvan.13@gmail.o Email-id of [Staff,Assistant Librarian,Central Librarian]

Library limitations: All libraries
Central Library, IITB

Select *All libraries* if this category type must to be displayed all the time. Otherwise select libraries you want to associate with this value.

Password reset in OPAC: Follow system preference OpacResetPassword (disabled)

Delete the extra text in the text box other than the email id



Enrollment period:

Choose one

In months: 999 months

Until date:

Age required: years

Upperage limit: years

Enrollment fee: 0.00

Overdue notice required: Yes

Lost items in staff client: Shown

Hold fee: 0.00

Category type: Adult *Required*

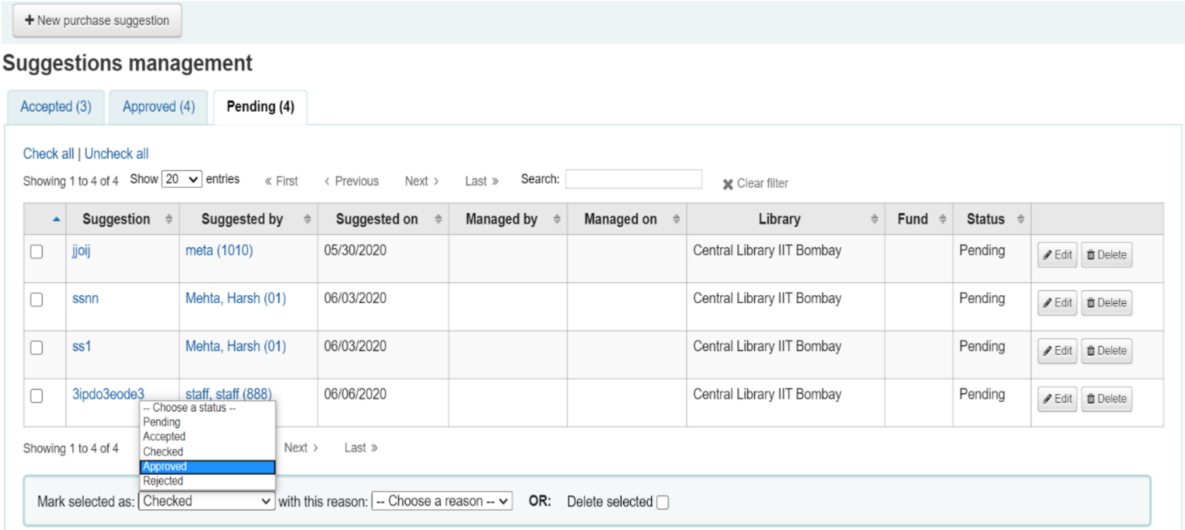
Email : /> <span class= **Please enter a valid email address.** Email-id of [Staff,Assistant Librarian,Central Librarian]

Library limitations: All libraries
Central Library, IITB

Select *All libraries* if this category type must to be displayed all the time. Otherwise select libraries you want to associate with this value.

Screenshot 4:

A new status namely ‘APPROVED’ which indicates the final step of the purchase suggestion verification



Suggestions management

Showing 1 to 4 of 4 Show 20 entries « First ‹ Previous Next › Last » Search: ✖ Clear filter

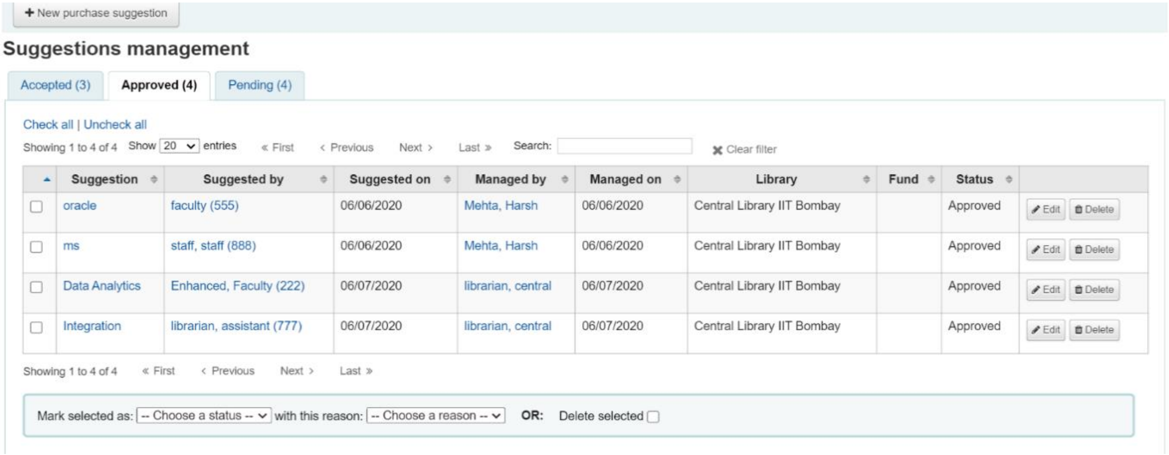
	Suggestion	Suggested by	Suggested on	Managed by	Managed on	Library	Fund	Status	
□	jjoij	meta (1010)	05/30/2020			Central Library IIT Bombay		Pending	Edit Delete
□	ssnn	Mehta, Harsh (01)	06/03/2020			Central Library IIT Bombay		Pending	Edit Delete
□	ss1	Mehta, Harsh (01)	06/03/2020			Central Library IIT Bombay		Pending	Edit Delete
□	3ipdo3eode3	staff, staff (888)	06/06/2020			Central Library IIT Bombay		Pending	Edit Delete

Showing 1 to 4 of 4 Next › Last »

Mark selected as: Checked with this reason: -- Choose a reason -- OR: Delete selected □

Screenshot 5:

A new tab ‘APPROVED’ where the books approved by the last person in the hierarchy are displayed.



Suggestions management

Showing 1 to 4 of 4 Show 20 entries « First ‹ Previous Next › Last » Search: ✖ Clear filter

	Suggestion	Suggested by	Suggested on	Managed by	Managed on	Library	Fund	Status	
□	oracle	faculty (555)	06/06/2020	Mehta, Harsh	06/06/2020	Central Library IIT Bombay		Approved	Edit Delete
□	ms	staff, staff (888)	06/06/2020	Mehta, Harsh	06/06/2020	Central Library IIT Bombay		Approved	Edit Delete
□	Data Analytics	Enhanced, Faculty (222)	06/07/2020	librarian, central	06/07/2020	Central Library IIT Bombay		Approved	Edit Delete
□	Integration	librarian, assistant (777)	06/07/2020	librarian, central	06/07/2020	Central Library IIT Bombay		Approved	Edit Delete

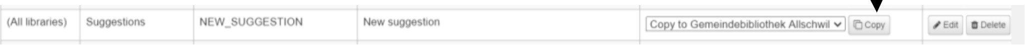
Showing 1 to 4 of 4 « First ‹ Previous Next › Last »

Mark selected as: -- Choose a status -- with this reason: -- Choose a reason -- OR: Delete selected □

Screenshot 6

Go to tools->Notices and slips

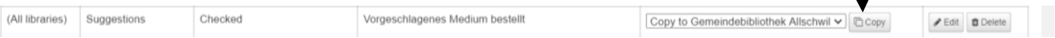
In module ‘suggestions’ and code ‘new_suggestion’ click on copy.



(All libraries)	Suggestions	NEW_SUGGESTION	New suggestion	Copy to Gemeindebibliothek Allschwil	Copy	Edit Delete

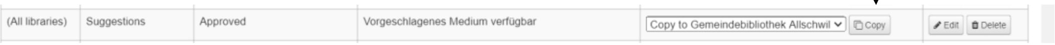
Similarly,

In module ‘suggestions’ and code ‘checked’ click on copy.



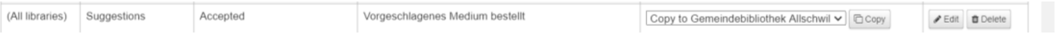
(All libraries)	Suggestions	Checked	Vorgeschlagenes Medium bestellt	Copy to Gemeindebibliothek Allschwil	Copy	Edit Delete

In module ‘suggestions’ and code ‘approved’ click on copy.



(All libraries)	Suggestions	Approved	Vorgeschlagenes Medium verfügbar	Copy to Gemeindebibliothek Allschwil	Copy	Edit Delete

In module ‘suggestions’ and code ‘accepted’ click on copy.

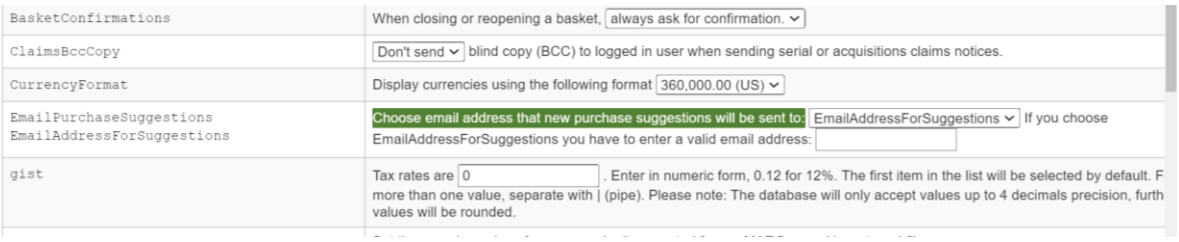


(All libraries)	Suggestions	Accepted	Vorgeschlagenes Medium bestellt	Copy to Gemeindebibliothek Allschwil	Copy	Edit Delete

Screenshot 7

Go to Systempreferences->Acquisitions->EmailPurchaseSuggestions

From the dropdown select ‘EmailAddressFor Suggestions’ and keep the textbox below the dropdown empty.

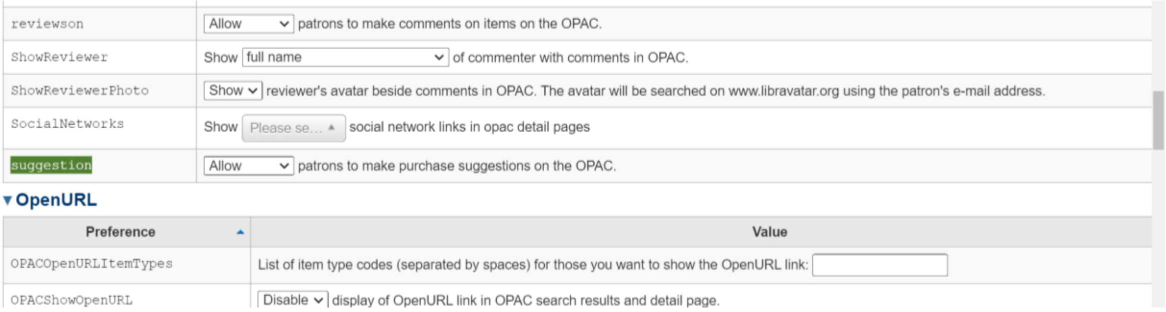


BasketConfirmations	When closing or reopening a basket, always ask for confirmation.
ClaimsBccCopy	Don't send blind copy (BCC) to logged in user when sending serial or acquisitions claims notices.
CurrencyFormat	Display currencies using the following format 360,000.00 (US)
EmailPurchaseSuggestions EmailAddressForSuggestions	Choose email address that new purchase suggestions will be sent to: EmailAddressForSuggestions If you choose EmailAddressForSuggestions you have to enter a valid email address:
gist	Tax rates are 0 . Enter in numeric form, 0.12 for 12%. The first item in the list will be selected by default. F more than one value, separate with | (pipe). Please note: The database will only accept values up to 4 decimals precision, furth values will be rounded.

Screenshot 8

Go to System Preferences->Opac>Features->Suggestion

And set it to ‘allow’ patrons for making purchase suggestions



reviewson	Allow patrons to make comments on items on the OPAC.
ShowReviewer	Show full name of commenter with comments in OPAC.
ShowReviewerPhoto	Show reviewer's avatar beside comments in OPAC. The avatar will be searched on www.libravatar.org using the patron's e-mail address.
SocialNetworks	Show Please se... social network links in opac detail pages
suggestion	Allow patrons to make purchase suggestions on the OPAC.

▾ OpenURL

Preference	Value
OPACOpenURLItemTypes	List of item type codes (separated by spaces) for those you want to show the OpenURL link:
OPACShowOpenURL	Disable display of OpenURL link in OPAC search results and detail page.

Chapter 10

Conclusions

Hence, outcomes were achieved as expected since all the requirements of the project were met and hence as shown in Screenshots 1 and 2 in the chapter ‘Final Outcomes’ drop-down menus were created in the system-preferences and category-type page through which our objective of restricting certain patron category from making purchase suggestion was met.

Also, in the traditional Koha, it was not possible to review a purchase suggestion in more than one step. Whereas in our customised Koha, when a purchase suggestion is made, as shown in screenshots 3 and 4 a three-step verification can be performed which sends an e-mail using postfix to the patron who previously processed the purchase suggestion thus, enabling the feature to involve multiple library persons in reviewing a purchase suggestion .

Also, as evident in screenshot 5 a new status named as ‘APPROVED’ was added in Koha so as to give a green flag to the purchase suggestion by the last person in the hierarchy, thereby, completing the three-step verification of the purchase suggestion.

CHAPTER 11

REFERENCES

1.) Koha Documentation: https://koha-community.org/documentation/
2.) Bugzilla: https://bugs.koha-community.org/bugzilla3/
3.) Koha-community github: https://github.com/Koha-Community/Koha