

Title of the case study

Author name

Domain name (e.g. Control System, Image Processing)

December 23, 2019

Abstract

In this section, write an abstract of your case study project explaining the major aspects in prescribed sequence that includes, the purpose of your case study and what is it about, basic design of the study, methods used and the way of approach.

Problem statement

In this section, explain the problem statement of the case study project in detail. This paragraph could cover the background context first so that problem is easier to understand. Followed by, how the solution should work and the ways to improve it. Lastly, the method used to achieve the aim of the project.

Basic concepts related to the topic

In this section, explain the basic concepts related to the case study project for better understanding (maximum 2 pages). For example, if the topic involves Amplitude modulation, discuss briefly about what it is and some mathematics involved.

Flowchart

In this section, provide a flowchart that shows a diagrammatic representation of an algorithm using a step-by-step approach to solve the chosen case study project. Keep the entire flowchart on one page. Use blocks with different shapes, sizes, colors to represent the different stages. You may even choose to create separate flowcharts for each unique function along with a master flowchart.

Software/Hardware used

In this section, provide the details of OS(Operating system) version, Scilab version, toolbox (if used), hardware (if used).

Procedure of execution

In this section, explain the step-by-step procedure to execute your code. In the main code, do not forget to provide appropriate comments for each step, loop. Make minimum assumptions while writing this section and explain everything that is required to run your code.

References

Enlist the sources/references used for completion of this case study project in a standard format. This section involves referencing the research papers, standard textbooks, sites etc.