

Title of the Project

Student 1 - Name

Student 1 - Reg. No.

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Student n – Name

Student n – Reg. No

1. Motivation

The motivation should clearly specify why this project is being selected. It must be clear and logical facts about your interests and efforts in selecting the project. It should consist of your justifications and reasoning.

2. Overview

Specify the idea behind the project. This should include

2.1 Significance of the project

This section should include the importance of your work, the practicality of the particular area and its usefulness and also the academic value. Also, you can elaborate on the impact it might have if successful.

2.2 Description of the project

A description should be clear and self contained, and will be understood by a layman and the other fellow group members who are not working in the same area. This section should identify the problem you are trying to address and formulate it. The scope of the work (You need to be more technical here)

2.3 Background of the project

A review of background material that you found or was provided for the problem. Try to be more professional here by citing the articles, books and other references.

3. Methodology

This section should elaborate the technical challenges and merits of the project including the proposed solution that you suggest to the problem. This can be considered in four major phases of the time allocated.

3.1 Design phase

Description of the proposed solution, its justification, and general comparison to other alternative solutions.

3.2 Implementation phase

Proposed implementation scheme of the proposed solution.

3.3 Testing phase

You must state how you plan to test the implementation of your work. You have to provide what sections or aspects of the project should be tested. You have to mention when and how. (By anticipating that you will not get the resources in the faculty for this phase)

3.4 Evaluation phase

Indicate how you are going to evaluate the results of your work. You should provide justifications such as graphs, simulation, hardware or software demonstrations, or any other method. What aspects of the project that you are intending to evaluate?

4. Features

Specify the features of your project which would make it significant for the evaluators. (Pay attention to the evaluation scheme) If you are designing a project, which is in common use then you should specify those features which are making your project unique in comparison with the existing ones. Indicate the utilization /benefits of your project. You can use bullet points here with a small description.

5. Project Planning

You should provide a detailed schedule for the successful completion of the project. You can use a common scheme such as Gantt charts for this purpose. Try to detail the responsibility of each member in the group. Keep in mind that you are not physically together.

6. Hardware and Software requirement

You should provide a detailed list of all hardware and software needed for the successful completion of the project by keeping mind that the University do not provide them and mention how you plan to get them.

7. Diagrammatic Representation

If you have an initial sketch of the solution include it here. (Even hand drawn sketch is acceptable)

8. References

List and number all references at the end of the proposal

[1] A.B.Smith, C.D.Jones, and E.F.Roberts, "Article Title", *Journal*, date, pp. 1-10

[2] Jones, C.D., A.B.Smith, and E.F.Roberts, *Book Title*, Publisher, Date

Formatting the Report

- Use A4 pages with normal margins, Title 18-point, boldface and centered.
Leave one blank line after each title.
- Use 12-point Times new Roman font in the text writing. Sub headings can be of 16 point for first order and 14 point for second order headings and third order will be 12 point. it should be the same font throughout the report.
- Table number with the table title must appear on top of the table and figure caption with numbers must be below the figure and centered.
- All sections and text should be justified appropriately.