# Title of the Final Year Project

Project Leader Name Project Leader Roll Number

## Motivation

Student-1 Name Student-1 Roll Number

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Student-n Name Student-n Roll Number

*The motivation should clearly specify why this project is being made. It must be a logical inference about your efforts you have made in selecting your project. It has to be in fully-justified italicized text at the top left side of the page as it is here. All manuscript has to be in English language.*

## Overview

Specify the core idea behind the project. This should include

### Significance of the Project

Your motivation for attempting the project (its importance, practicality, usefulness and academic value if any). This section should include the importance of your work, the difficulty of the area, and the impact it might have if successful.

### Description of the Project

A description of the project that is clear, self-contend, and will be understood by non-specialist (such as CE faculty members and other FYP groups who are not working in the same area). This section should identify the problem you are trying to solve (you may need to be more technical here), the scope of your work (a generalized approach, or for a specific situation).

### Background of the Project

A review of background material that you found, or was provided for the problem. It should contain full citations of articles, books, software packages, www and other media.

* + 1. **Level-3 heading.** Third-order headings, as in this paragraph, are discouraged. However, if you must use them, use Times 12-point, boldface, initially capitalized, left-indent (1.6 cm), hanging 1.2 cm followed by a period and your text on the same line but non- boldface as it is here.

## Methodology

This section should elaborate the technical challenges and merits of the project including the proposed solution that is in your mind to the said problem. A project can be divided into four major phases as follow;

### Design phase

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

### Implementation phase

Proposed implementation scheme of your proposed solution: simulation, hardware, or software.

### Testing phase

How do you plan to test the implementation of your project? What sections or aspects of the project should be tested? State when and how.

### Evaluation phase

How are you going to evaluate the results of your project? You should provide graphs, simulation results, timing charts, hardware or software demonstrations, or use other methods. What specific aspects of the project are you going to evaluate?

## Features

Specify the features of your project which would make it significant for the evaluators. If you are designing a project, which is in common use then you should specify those features which are making your project distinctive/unique in comparison with the existing ones. Indicate the utilization/benefits of your project. The more you specify the more useful be your project. Features should be point-wise with some description and should be properly numbered.

#### Start with the most significant feature.

Details of the feature will go here

#### Second most significant feature.

Details of the feature will go here

#### And so on.

Details of the feature will go here

## Project Planning

You should provide a detailed schedule for the successful completion of the project. It should also detail the responsibility of each student for group projects. You should use some common scheme such as Gantt charts for this purpose.

## Hardware and Software Requirements

You should provide a detailed list of all hardware and software needed for the successful completion of the project. If the University does not have the required hardware and software, you must provide details how do you plan to get them.

## Letter(s) of Recommendation(s)

Should you need any letter/recommendation/approval to be forwarded to any esteemed organization/institution/company, you are required to specify exactly what type of letter/recommendation/approval you need from the department.

## Diagrammatic Representation of the Overall System

A detail diagram of the overall system is needed on a separate (preferably the last) page of this proposal. However, the in-text figures should be provided in the format as given below.

Figure will go here

## Footnote

#### Figure 1. Write here what the figure is all about.

Use footnotes sparingly (or not at all!) and place them at the bottom of the page on which they are referenced. To help your readers, avoid using footnotes altogether and include necessary peripheral observations in the text (within parentheses, if you prefer, as in this sentence).

## References

List and number all bibliographical references at the end of your proposal. When referenced in the text, enclose the citation number in square brackets, for example [1]. Where appropriate, include the name(s) of editors of referenced books.

1. A.B. Smith, C.D. Jones, and E.F. Roberts, “Article Title”, *Journal*, Publisher, Location, Date, pp. 1-10.
2. Jones, C.D., A.B. Smith, and E.F. Roberts, *Book Title*, Publisher, Location, Date.

## Appendix

### Expected Internal Advisor

If you have gathered your idea from some faculty member of this university, belonging to any of its department, or you have discussed your idea with some faculty member, then that faculty member is most likely to be your Internal Advisor.

### Expected External Advisor

An External Advisor is person who will guide you to complete your project outside the university campus. You have to provide a CV of your proposed External Advisor. He/she must qualify the requirements as indicated in the seminar or on the web site, i.e. [**http://www.ssuet.edu.pk/~fyp**](http://www.ssuet.edu.pk/~fyp) .

# Student Guidelines for Formatting Proposal

## Introduction

These guidelines include complete descriptions of the fonts, spacing, and related information for formatting your proposal manuscripts. Please follow them and if you have any questions, direct them fyp@ssuet.edu.pk.

## Formatting your paper

All printed material, including text, illustrations, and charts, must be kept within a print area of an A4 page leaving the margins of 2.54 cm from each side. Do not write or print anything outside the print area. All *text* must be in a single-column format. Text must be fully justified and no color printing should be used at any place in the document.

## Main title

The main title (on the first page) should begin from the first line of the page, centered, and in Times 18-point, boldface type, leave one line space after the title. Capitalize the first letter of nouns, pronouns, verbs, adjectives, and adverbs; do not capitalize articles, coordinate conjunctions, or prepositions (unless the title begins with such a word). Leave one blank lines after the title.

## Student name(s) and Roll Number(s)

Student names and roll numbers are to be centered beneath the title and printed in Times 12-point, non-boldface type, leave one line space in between each student’s information. All member student names should be shown in a single-column format as specified in the template, with their roll numbers below their respective names. Follow the author information by one blank lines before main text.

## Type-style and fonts

Wherever Times is specified, Times Roman, or New Times Roman may be used. If neither is available on your word processor, please use the font closest in appearance to Times that you have access to. Please avoid using bit-mapped fonts if possible. True- Type 1 fonts are preferred.

## Main text

Type your main text in 12-point Times, single-spaced, left indent 0.75 cm, justified, leave space of 6 (point) before and after the text paragraph. Do **not** use double-spacing. Be sure your text is fully justified-that is, flush left and flush right. Please do not place any additional blank lines between paragraphs.

**Figure captions** should be Times 12-point, boldface. Initially capitalize only the first word of each figure caption. Figures and tables must be numbered separately. For example: "Figure 1. Database contexts", "Table 1. Input data". Figure captions are to be *below* the figures. Table titles are to be centered *above* the tables.

## First-order headings

For example, "1. Overview", should be Times 16-point boldface, initially capitalized, flush left, with hanging property of 0.75 cm, space before 12 (point) and after 6 (point), first tab at 0.75 cm. Do not use either a period (".") after the heading number, or a colon.

### Second-order headings

As in this heading, they should be Times 14-point boldface, indent left 0.75 cm with hanging property of 0.75 cm, initially capitalized, flush left, space of 6 (point) before and after, tabs at 1.6 cm.

* + 1. **Third-order headings.** Third-order headings, as in this paragraph, are discouraged. However, if you must use them, use 12- point Times, boldface, initially capitalized, flush left, followed by a period and your text on the same line.

## Bulleted Text

Bulleted text should be in Times 12-point, boldface type, left indent 0.75 cm with hanging property of 0.63 cm, space before 6 (point), tabs 1.38 cm, justified. The solid black bullet should be used for representing bullets.

## References

List and number all bibliographical references in 12-point Times, single-spaced, at the end of your paper. When referenced in the text, enclose the citation number in square brackets, for example [1]. Where appropriate, include the name(s) of editors of referenced books.

* + 1. A.B. Smith, C.D. Jones, and E.F. Roberts, "Article Title", *Journal*, Publisher, Location, Date, pp. 1-10.
		2. Jones, C.D., A.B. Smith, and E.F. Roberts, *Book Title*, Publisher, Location, Date.