

Final Year Project Title



Project Proposal

Supervisor

Supervisor Name

Submitted by

1st Student Name

{Enrolment Number }

2nd Student Name

{Enrolment Number }

Department of Computer Science,
Bahria University, Islamabad.

[Date of Submission]

1. Introduction

Briefly introduce your project idea.

2. Objective

Write down your project objective in a very precise and concise manner. Ideally your statement should not exceed 2-3 lines. For example, "*To design a real-time fault-tolerant embedded system for automated gas stations with distributed system architecture*".

3. Problem Description

A proposal document should address three primary questions in relation to the project objective: *What*, *Why*, and *How*. This section should describe *What* and *Why* of your project. Describe the above mentioned problem in a bit detail. For example, considering the same project, describe what are the benefits and features of automated gas stations, what problems arise when we move from manual to automated systems, what issues should be kept in mind while designing such systems and why such systems should be fault tolerant. Be specific. You are not expected to write more than 250 words.

4. Methodology

This section would address the '*How*' part. Briefly write down your intended approach towards tackling above problems. Name any algorithm or third party library you would use, any particular technique you are going to follow etc.

5. Project Scope

An FYP should be defined in terms of its scope. Things you are going to do are almost defined in earlier sections. Here you would outline your project's scope by declaring what design/development/research aspects you are not going to consider in due course. State any assumption that might dictate your system evolution. For example, in automated gas station project, we are assuming a distributed environment. Remember, never fall into technicalities. What communication media we would be using is irrelevant while defining the project scope.

6. Feasibility Study

With above defined scope, would you be able to meet your project schedule?
Do mention following aspects:

- i. **Risks Involved:** Identify the risks involved, and how you would be able to cater?
- ii. **Resource Requirement:** What computing or any other resource you would need?

7. Solution Application Areas

Is your project of some real value? Which industry or application domain you are targeting? How that target domain may benefit from your solution?

8. Tools/Technology

Mention all the HW/SW tools/technologies required for the project.

9. Expertise of the Team Members

Are all team members pre-equipped with the level of knowledge needed for the successful completion of this project? Have you people studied the relevant course by now? Is this project of equal interest to all team members?

10. Milestones

Mention all major tasks/sub-tasks to be accomplished. You would use these milestones while defining the project timeline.

11. References

Mention all the literature or web references here. The references should be properly numbered and correctly used in the text.

Reference text should be written in quotes and indented and the references marked in [square brackets]. "Reference material"[1].

The Reference section should be in the following fashion:

- Book: Last Name, First Name. "Title of Book". City: Publisher, Copyright Date. Page numbers
- Magazine/ Newspaper Article: Author's last name, Author's first name. "Title of article," Name of magazine/newspaper, date of magazine/newspaper, page number(s).
- Internet Web page: Author. "Title of Web page". Date on the page. Company associated (if any). Date you last saw the page. URL.
- Online Magazine or Newspaper Articles: Author's last name, Author's first name. "Title of article." Name of magazine, date of magazine, page numbers. Reproduced in Name of Database. Library where database was accessed, location of library. Date of access.