<u>FYP Proposal Guidelines</u>

Please carefully and thoroughly read the given below guidelines before writing your FYP proposal. Every proposal will be evaluated based on the benchmark set by these guidelines.

1: Novelty of the Project

Moderately describe how unique, creative, and interesting your idea is. The more it is similar to the projects that have been implemented often before the less novel will it be. Thoroughly, review your idea and the relevant work that has already been done to identify the degree of novelty by yourself. Your project must not be repeated.

2: Scope and Applicability

Provide a comprehensive abstract, focusing on the main features and functionality of your project. Also include a brief description of the constraints, limitations, and any assumptions you might have made. The scope must clearly state that your planned project is achievable, realistic and involves enough work, and justifies a year-long duration. Your proposal must also report the real-world applications of your work.

3: Technical Complexity

The more your project uses the novel technical features the more will it be technically complex. Therefore, identify the level of technical complexity in your project and ensure that your team is technically sound enough to cope with it.

4: Amount of Work Required

How much effort will be required to complete this work within the assigned period? Include a work breakdown structure, state the role of each team member, and the estimated workload per team member.
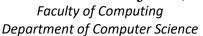
5: Usefulness

Describe how and to what extent your work will be contributing towards the betterment of the community.

6: Learning Outcomes

Explain all kinds of concepts that you potentially will have learned after completing this project.

Final Year Project Proposal

For probably the first time in your undergraduate/graduate program, you are required to defend a proposal of a larger project. In teams, you will be working on the common project but individual team members will be required to take on responsibilities for specific work for which each will be held accountable. Interaction, collaboration and assistance are allowed and expected, but each person will receive an individual mark/grade for his/her work performed in the project.

	Day	Month	Year
DATE			

Write down the brief project topic, the title should not be confusing.

PROJECT TITLE:	
KEY WORDS:	
DOMAIN OF THE PROJECT:	
SUPERVISOR'S NAME:	

STUDENT INFORMATION
Write down the detail of all group members in BLOCK LETTERS ONLY.

Sr.	Student ID	Name	Email	Mobile
1.				
2.				
3.				

Muhammad Ali Jinnah University
Final Year Project (FYP)
Faculty of Computing
Department of Computer Science

PROBLEM STATEMENT

The problem statement should be concise, as you now understand it. It is highly advisable that it should not exceed more than 5 lines.

EXECUTIVE SUMMARY

This section summarizes the overall document, and should include the important highlights from the document. It should be concise, professional and must stand alone. It is NOT an introduction, it is a summary. It is NOT an index or table of contents, it is a summary.
The target audience for this section is a person who can appreciate the technology, but is not well-versed in the details or in the project itself and who wants to read one page to understand an overview of the project.
The one page limit is a hard limit; you might well use less than a page.
In order to stand alone, the Executive Summary should not make any reference to other parts of the document.

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INTRODUCTION

Relevance or importance of problem
Background information to educate the reader
Previous related work by others—literature review with credible sources

COMPETITORS/COMPETITIVE ANALYSIS

This section will list down all the possible competitors of your product. That is, you need to list down all those products that are closely related to your product in terms of features, target audience, etc.

OBJECTIVES

Objectives are the final results to be achieved after the completion of your project.

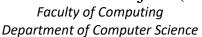# Muhammad Ali Jinnah University

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MOTIVATION

Why is your problem interesting and important?

FEATURES OF PROJECT

Detailed functionality of each feature

ARCHITECTURAL DESIGN

*Describe hardware, software, or network components as relevant and as understood at this time. Draw a high-level architecture diagram to illustrate the proposed system **components** and the relationships between them.*

IMPLEMENTATION TOOLS AND TECHNIQUES

Describe your methodology for implementation along with implementation tools.

PROJECT PLAN

This section describes how the project will be managed, including a detailed plan with milestones. Specific items to include in this section are as follows:

- *Division of responsibilities and duties among team members.*
- *Timeline with milestones: **Gantt chart in Microsoft project 2013.** The following are required elements of*

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your Gantt chart:

- o *Project duration is from the date your project is enrolled to the completion date:*
- o *Each milestone is to be labeled with a title.*
- o *Schedule all tasks not just "Design" or "Testing." Break this schedule down to specific assignments.*
- o *Each task is to be labeled with a title and person or persons assigned to the task.*
- o *Subdivide larger items so that no task is longer than about one week*
- o *Link tasks which are dependent on the completion of a previous task.*

REFERENCES

Give references to the resources you have consulted in finalizing your project topic.

Supervisor's Signature: ………………………

FYP Coordinator:…………………………….

Chairman IRC/FYP : …………………………

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FYP Proposal Evaluation

(To be filled by students)

Write down the brief project topic and should not be confusing.	
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Sr.	Student ID	Name	Email	Mobile
1.				
2.				
3.				

FOR EVALUATOR'S USE ONLY	
Remarks:	☐ Accepted ☐ Accepted with Minor changes ☐ Rejected

Suggested Improvements (*if any*)**:**

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Evaluated by:

Name: _____

Signature: _____

Day   Month   Year

DATE ☐☐ - ☐☐ - ☐☐☐☐