FYP Proposal Document Template

TITLE

Final Year Project Proposal by

Names

Advisor: Co-Advisor:

Department of Computer Science

Forman Christian College University

Lahore, Pakistan (20xx)

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***ABSTRACT***

*Abstract of the proposal*

1. **INTRODUCTION**

Discuss the opening perspective of the problem area, the challenge in that area and refine the challenge into a concise

1. **PROBLEM STATEMENT**

Unmet need or Problem

What is the unmet need or problem the FYP is aiming to solve. How significant is the problem? Quantify as much as possible.

In case of a research problem, show the significance of the unsolved problem.

Who needs it?

List the type of customers who want a solution to the problem. For each type of customers indicate the potential market size. In case of a research problem, identify where this research will be used?

1. **LITERATURE REVIEW**

What has been done by others to solve the problem? What solutions are already present in the market? What are their disadvantages?

In case of a research problem, literature review of the state-of-the-art should be included. Add proper references using MS Word tools.

1. **PROJECT OVERIEW/GOAL**

Discuss the overview/goal of the project and highlight the proposed solution.

Give your value proposition. How is your solution going to be different and better than others?

Students must describe to maximum detail the final project output, its expected packaging, and hardware and software components.

In case of a research problem, how the proposed research solution is expected to be better than the state-of-the-art?

1. **PROJECT DEVELOPMENT METHODLOGY / ARCHITECTURE**

Distribute the project goals into smaller objectives/modules and highlight deliverables for each objective.

Explain the modules of project through a system level block diagram.

Students may also mention tools, technologies and suitability of the method(s) to be employed with justification.

In case of a research problem, show the few approaches that will be investigated in the project?

1. **PROJECT MILESTONES AND DELIVERABLES**

Clear milestones should be defined at the start of the project which includes a Gantt chart in the project management document

1. **WORK DIVISION**

Clear work division among group members to be shown

1. **COSTING**

Cost breakdown of the project to be shown, estimating the total cost of the final product.

**REFERENCES**

Any material/information referred from research papers, books or/and websites should be acknowledged under this heading.

The students are recommended to use any biblography management software to keep track of references. e.g. EndNote, Mendlay, Jabref

SProj Proposal Defense Evaluation Form and Rubrics

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Criteria | 1 | 2 | 3 | 4 | 5 |
| R1 | Student has no | Student has no or very | Student is uncomfortable | Student has competent | Student has presented full |
| Subject Knowledge | knowledge of both | less knowledge of | with information. Seems | knowledge and is at ease | knowledge of both problem and |
|  | problem and | both problem and | novice and can answer basic | with information. Can | solution. Answers to questions are |
|  | solution. Cannot | solution. Cannot | questions only. | answer questions but | strengthen by rationalization and |
|  | answer basic | answer questions. |  | without rationalization and | explanation |
|  | questions. |  |  | explanation. |  |
| R2  Organization and Content of  Presentation | Student is clueless about the content of his presentation. | Information is arranged in confused and unstructured  way. | Information articulated clearly but it is difficult to follow the presentation. | Information articulated clearly and the flow is reasonable | Information articulated clearly and is organized in a structured way with logical flow between parts. |
|  |  | Key points are not covered. The contents are hard to  understand and  interpret. | All key points are covered but no use of charts, graphs, figures etc., to explain salient points. | All key points are covered but limited use of charts, graphs, figures etc., to explain salient points. | All key points are covered. Enhances presentation and keeps interest by effective use of charts, graphs, figures etc., to explain salient points. |
| R3  Problem Statement | Problem statement is not stated at all or vaguely stated  Description of unmet need or problem is missing | Problem statement is stated but not entirely clear.  Seems novice and can answer basic questions only. | Problem statement is stated but lacks necessary justification in light of the literature review. | Problem statement is stated and covers necessary justification with reference to the literature review. Details of the unmet need or problem the FYP is  aiming to solve are clear | Problem statement is stated and covers sufficient justification. New reader can clearly understand its value and context. Details of unmet needs are there. Potential customers have been identified |
| R4 | Literature Review is | Ligature Review is | Literature review provides a | The review provides a good | Literature review is excellently |
| Literature Review | not written or | written in an ordinary | reasonable description of | background and details of | written according to the scientific |
|  | written in a vague | way. The review | the project background and | the literature. However, it is | writing standards and covers |
|  | Form | material i.e. research | its significance but can be | not written in scientific | maximum of the research |
|  |  | papers or web | improved. Number of | writing standards for | papers/web material related to |
|  |  | material is not at all | research papers/ web | review. | project |
|  |  | clear to a reader who | material needs to be added |  |  |
|  |  | is unfamiliar. | more |  |  |
| R5  Project Overview, | The approach that  will be taken to solve | Some aspects of the  solution are discussed | The methods, approaches,  tools, techniques, | The methods, approaches,  tools, techniques, | The methods, approaches, tools,  techniques, algorithms, or other |

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|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Methodology | the problem is not discussed. | briefly but much of the description is left out. | algorithms, or other aspects of the solution are discussed but not is a convincing manner. Much is left to the readers’ imagination. | algorithms, or other aspects of the solution are sufficiently discussed. | aspects of the solution are sufficiently discussed with sufficient details and supporting figures.  Work division between group members is clearly defined |
| R6  Language and Grammar | A lot of spelling and grammatical mistakes in the report  Writing is not understandable. | Frequent spellings and grammatical errors that impede the reading flow.  Writing is in need of significant editing and improvement | Occasional spellings and grammatical errors  Writing is acceptable but not entirely clear. | Occasional spellings and grammatical errors that have only minor impact on flow of reading.  Writing is overall clear. Organization is good. Content is supported by good number of figures and  tables. | Almost no spelling or grammatical mistake.  Writing is easy to read. Excellent organization. Writing is concise yet all necessary content is included. Figures and tables support content. |
| R7  Delivery & Presentation Skills | Presentation was not clear at all. Language was not appropriate | Presenter occasionally spoke clearly. Holds little to no eye contact. | Presenter spoke clearly. Language was generally clear but mostly reading from notes. | Presenter spoke very clearly. Language was generally clear and delivery was fluent. Consistent use of direct eye contact with  audience. | Presenter spoke clearly and at a good pace to ensure audience comprehension. Language was used effectively and delivery was fluent and expressive. |
| R8  Work Division | Work division among  group members is not shown | Work Division among  group members is not appropriate. | Work division is shown but more clarity is needed | Work division is shown. | Clear work division among group members is shown. |