
Project Name

**Proposal, Technical Project
Plan X**
to be presented on *[presentation date]*

[Student Name]

[Client name]

[Contact address]

[Contact phone]

[Contact email]

Option: XXXXXXXXXXXXXXXX

Advisor: XXXXX

This proposal is part of the Senior Project 2 course in partial fulfillment of their writing proficiency points for the Bachelor's of Science in Computer Science degree.

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1. INTRODUCTION

[Immediately indicate whether a Plan A or Plan B technical project is to be pursued.]

Summarize briefly the problem, project objective, and expected benefits of the technical proposal.

In your summary statement, indicate why the work requires 6-credits of effort, if a Plan A is pursued.]

1.1 PROBLEM STATEMENT

Element	Description
The problem of ...	Describe the problem
Affects ...	Identify stakeholders affected by the problem
And results in ...	Describe the impact of this problem on stakeholders and business activity
Benefits of a solution ...	Indicate the proposed solution and list a few key benefits

1.2 BACKGROUND

[Describe the background information about the project, including the description of the current solutions and the problems you have discovered.]

1.3 NEEDS STATEMENT

[State short-comings apparent in current organization or system to be addressed by the project.]

1.4 OBJECTIVE

[Identify changes desired to be seen upon completion of effort.]

2. PROPOSED TECHNICAL APPROACH

[Define clearly a well thought-out and solid technical plan for applying information technology to the proposed project. This section should include a description of the methodology to be used to complete the project, a specific plan for gathering requirements, an architecture design, best practice for implementation, and quality assurance.]

2.1 REQUIREMENTS

[Present the requirements as understood at this time through contacts with the stakeholder. Include a high-level diagram such as a use case system diagram or block diagram to capture the situation being addressed.]

2.2 ARCHITECTURE DESIGN

[Explain the technology to be used in the project. 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.]

[OPTIONAL CONTENT: Include an as-is system or block diagram.]

2.3 IMPLEMENTATION DESIGN

[Describe your methodology for implementation.]

[OPTIONAL CONTENT: Include a best-practice approach to be followed.]

2.4 QUALITY ASSURANCE PLAN

[Describe the potential risks related to the software quality. Provide the project management plan to enable quality. Describe the salient, planned testing considerations.]

[OPTIONAL CONTENT: Include any analysis plan for usability and acceptance testing.]

3. EXPECTED PROJECT RESULTS

[List deliverables expected to be produced for the project, for the CIS Department, and for the stakeholder.]

[OPTIONAL CONTENT: Identification of any currently operational aspects of the project and how the behavior would change.]

[OPTIONAL CONTENT: Itemize expected, measurable results of the effort.]

3.1 MEASURES OF SUCCESS

[Describe an assessment plan to identify the degree of achievement obtained by the operation of the project. List a measure, its relevancy to the organization, its current value, and its projected improved value. A measure should also correspond to the stated objectives of the project.]

4. SCHEDULE

[Attach schedule.]