

CPSC 471: Database Management Systems

Project Proposal Guidelines

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Winter 2018

Project Proposal Guidelines

- Project Proposal has to include:
 1. Introduction
 2. Problem Definition
 3. Proposed Solution
 4. Motivation
 5. Conclusion
 6. References (Preferred)

Project Proposal - Introduction

- Introduction section is required:
 - Definitions.
 - Summarize the problem (1 or 2 sentences).
 - Summarize the solution (1 or 2 sentences).
 - Motivation (1 sentence).
 - Describe format of rest of proposal (sections, etc.).

Project Proposal - Problem Definition

- **Problem definition section is required:**
 - What is the history of the problem?
 - Why is this problem interesting?
 - When and why does the problem occur?
 - Is the problem already solved? What is done now?
 - Are there similar systems or solutions to the one you propose? If so, reference and very briefly explain them.
 - Are there possible improvements to current solutions?

Project Proposal - Proposed Solution

- **Proposed solution section is required:**
 - What does this project achieve? (Do not delve into details or timelines)
 - What will the project produce?
 - Describe in relative detail the features of each of the project's products.

Project Proposal - Motivation

- **Motivation section is required:**
 - Why do we need your solution?
 - What makes your project unique?
 - Emphasize what your project contributes or achieves!

Project Proposal - Conclusion

- **Conclusion section is required:**
 - Summarize the project including the problem, motivation, and proposed solution.
 - Provide an estimated timeline of project deliverables and important dates.

Project Proposal - References

- **References section is preferred:**
 - List references used to compile proposal and references that will be used for project (if already known).