CPSC 471: Database Management Systems
Project Proposal Guideline

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Winter 2019

Project Proposal Guideline

- 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).