

# System Analysis and Design

Assignment: Spring 2023

Lecturer: Yan LIU

## Part 0: Project Proposal

**Due: Friday, March 24, 7:00 pm**

**Submit to: Canvas**

**Weight in course grade: 5%**

Decide on a project topic for your team and write a project proposal of between 800 and 2000 words. Clearly and concisely indicate the following:

- ❑ Proposed project title
- ❑ Team name & team members (3~5 students)
- ❑ Project description:
  - ☑ main goals (what's the project about)
  - ☑ main functionality and characteristics
  - ☑ intended users and key usability goals (how users will benefit from your project)
  - ☑ notes on existing similar products: their utility and limitations and/or advantages and disadvantages
  - ☑ novelty of your solution and/or enhancements suggested
  - ☑ team organization and preliminary project planning
  - ☑ engineering process and methodologies
  - ☑ team collaboration platforms or systems
  - ☑ potential for further development
  - ☑ related technologies (platform, languages, libraries, tools, etc.)
  - ☑ challenges that you think you may encounter during the project's development
- ❑ A note on how this project can help your own professional growth (how you would benefit from it).
- ❑ [Optional]: Project related resources: "problem-domain" book, reference articles (journal papers, conference papers, or web publications), and pointers to related, useful websites.

***To the above, you may add any other items that you think will make your proposal stronger.***

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