# CS4366: Senior Capstone Project Fall 2024
## Stage 1: Software Requirements Specification (SRS)

- Release date: Aug, 30th, 2024 (Friday)
  - Due dates: Sept 8th, 2024 (Sunday) before 11:59 PM
  - Submit report (e.g., Word) and presentation slide (e.g., PowerPoint) files through the Blackboard.
  - Submit the project management link (Jira).
  - Submit the group webpage that include:
    - Group members and their roles
    - Group meetings and activities
    - Upcoming schedules
  - The file names should include project number and group_name, "stage#_ group_name". For example, stage1_MyGroup.doc and stage1_MyGroup.ppt.
- Total score 25%
- Type your all team members' FULL name in the cover pages of project report and presentation slide.
- NO hand-written project report will be accepted.

## Description

Analyze potential target users and identify any function and performance requirement of your system.

(i) First, in order to analyze the users, interview (e.g., zoom, call, email, etc.) at least **four** or **five** users who are not taking CS4366. Be specific on the users, for example range of age, culture, computer/IT experience, attitude, and anything you may think important. Prepare several questions and log interviews (multiple pages) and summarize them (half page). (ii) Refer to IEEE Std 830-1998 (IEEE Recommended Practice for Software Requirements Specifications; pp.11 – 20 only) and fill out each section/sub-section. If a section/sub-section is not related to your project scope, you can skip (e.g., 5.2.1.3 Hardware Interface). Here, you should explain for skip. (iii) In order to fill out sections/sub-sections (e.g., 5.3.2 Functions), you should identify the existing functions, and suggest new functions and their features. List all the functions that your system should support. Consider any data requirement and data input/output of your system. Explain as detail as possible, for example, function environment, constraint, trade-off, and anything you may think important.

## Deliverables

In this project, you should
- Submit a report (letter size; 11 font size; single-space) including,
  - Project description (1 or 2 paragraphs)
  - Interview log (multiple pages) and summary (half page)
  - SRS based on the IEEE Std 830-1998
- Prepare a 10 – 15 minutes presentation slide accordingly and present your system and receive feedback from instructor and other classmates during the class. **The presentation schedule will be announced later.**

## Grading policy

Your project report and presentation slides should look professional in the sense of completeness, clarity, consistency, and labeling. You should use pictures, graphs, and tables if they can help. You will be evaluated based on the followings:
- Quality/Clarity of requirement specification
- Quality of interview questions and summary
- Quality of project report
- Quality of presentation slides (10 - 15 minutes)