

## CS4366: Senior Capstone Project Fall 2020

### Project #5: Validation and Full Demo (VD)

- Release date: Nov 4th, 2020 (Wednesday)
- Due dates: **Dec 1st, 2020 (Tuesday) before 5:00 PM (FIRM DEADLINE)**
  - **Project report [10%]**
  - **Presentation slide and recorded presentation (including demo) [10%]**
    - Submit report (e.g., Word), presentation slide (e.g., PowerPoint), and recorded presentation (e.g., mp4) files (per team) through the Blackboard
    - The file names should include project number and team name, “proj#\_project\_name”. For example, proj5\_MyProj.doc, proj5\_MyProj.ppt, and proj5\_MyProj.mp4
- Total 20%
- Type your all team members' FULL name in the cover pages of project report and presentation slide.

### Description

The primary goal of this project is to conduct a full demo and discuss the project detail with the instructor. The overall project schedule is given below, and it may change anytime.

- Project #1: Project Plan (PP)
- Project #2: Software Requirements Specification (SRS)
- Project #3: Software Design Specification (SDS)
- Project #4: Implementation and Partial Demo (IMP)
- **Project #5: Validation and Full Demo (VD)**

### Deliverables

In this project, you should

- Submit a final report (letter size; 11 font size; single-space) including,
  - Project overview
    - Revised projection definition and motivation
  - Design details
    - Revised UML diagrams – class, use case, and sequence diagrams with explanation
  - Implementation details including (please write as detail as possible)
    - Implementation overview
    - How to implement your project?
      - Any related key technique(s)
    - What functionalities have been done?
    - What functionalities remain to be done?
    - Any implementation/technical issue?
  - Detail contribution from each team member in terms of design, development, etc.
- Please write as detail as possible using figure, picture, table, graph, etc., if they can help.
- Prepare a set of demo scenarios and conduct a 10 - 15 minutes full demo.
  - Consider how to efficiently show your work.
- All team members must participate in the demo.

### Grading policy

Your project report should be professional looking in the sense of completeness, clarity, consistency, and labeling. You may use pictures, graphs, and video clips if they can help. You will be evaluated based on the followings:

- Overall quality of writing
- Implementation of functionalities planned
- 10 – 15 minutes presentation and full demo