

Project Plan

CPSC 546 SPR 2025

Team Members

- Martinez, Eric
- Nguyen, Loc
- Nguyen, Thanh
- Pham, Ryan

Objectives

- Create a web-based class registration system for CalState Fullerton students and professors
- Deliver minimal viable product in Phase 1 (Sprint 1-3)

Scope

MVP:

- Admin has complete control over user and academic management.
- Students can enroll/unenroll via a website.
- Professors can manage course enrollment and grading.

Team Roles

- Product Manager - Thanh
- Scrum Master - Eric
- Developer - Loc
- Tester - Ryan

Responsibilities

Product Manager

- Define requirements (written, verbal, and visual)
- Prioritize requirements

- Ensure product vision is understood among team members
- Monitor project overall progress
- Sign-off on incremental demos
- Perform user acceptance testing for release sprints

Scrum Master

- Conduct and document scrum ceremonies (planning, standup, retrospective)
- Facilitate sprint planning
- Monitor sprint progress
- Communicate risks to product manager

Developer

- Evaluate tool/language selection
- Deliver work products (code, diagrams, documentation) and complete tasks
- Document design decisions
- Perform tests
- Research and prototype
- Communicate risks to Scrum Master

Tester

- Evaluate testing tools
- Develop test strategies, test plans, test cases
- Record test results
- Conduct system tests
- Report bugs
- Verify the system meets delivered requirements

Tentative Schedule

- Planning – Feb 17 through Feb 21
- Sprint 1 – Feb 24 through Mar 7
- Retrospective 1 – Mar 7
- Sprint 2 – Mar 10 through Mar 21

- Retrospective 2 – Mar 21
- Sprint 3 – Mar 24 through Apr 4
- Retrospective 3 – Apr 4
- Deliverable: May 12

Risks and Mitigation

- Group HW 1 and HW 2 scope may impact target deliverable date for Group Project.
Mitigation plan is to adjust sprint start and end dates depending on HW effort.

Software and Tools

- Lucid Charts – for diagrams
- Jira - for backlog, sprint planning, and issue tracking
- Word – for documenting project progress