SW Engineering CSC648/848 Fall 2025

Project Title: *LEMN SFSU — Learn Easily, Mentor Naturally*

Team 06

Role(s)	Members	Email
Team Lead	Mukisa Lubega	922859259@sfsu.edu
Technical Officer	Grishma Thumar	gthumar@sfsu.edu
Github Master	Anurag Sanadi	asanadi@sfsu.edu
Back-End	Tony Haung	zhuang23@mail.sfsu.edu
Front-End Lead	Abinash Shrestha	ashrestha@sfsu.edu

Milestone 3 History

Version	Date	Notes
Submission Date	10/31/2025	Submitted for m2 p1 grading
Revision Date	11/05/2025	Revised for m2 grading

Prepared by Team 06 for CSC 648-848 Fall 2025 — San Francisco State University

Purpose of Appendix II

This appendix documents how feedback from the Milestone 3 (M3) review was analyzed and translated into a concrete execution plan for the final phase of the project. The objective is to ensure completion of all **P1 features**, maintain **feature freeze discipline**, and deliver a fully deployed, production-ready system by Milestone 5 (M5).

This plan reflects industry-aligned SCRUM practices, emphasizing task ownership, checkpoints, and visible progress tracking.

Feature Freeze Statement

Effective **November 19**, the team entered **Feature Freeze**. From this point forward, only **P1 features** were permitted for discussion or implementation. No new features, enhancements, or exploratory work were allowed.

P1 Feature Scope Includes:

- Login and Registration
- Forgot Password (dummy implementation acceptable)
- Tutor Posting (one course per posting)
- Search and Search Results
- Messaging (context-aware, tied to postings)
- Dashboard (manage postings and messages only)

SCRUM Sprint Calendar (Final Sprint Phase)

Sprint 0 – Post-M3 Planning & Backlog Setup

Dates: Nov 19 – Nov 22

Objectives:

- Review and synthesize M3 feedback
- Complete Appendix II draft (internal)
- Establish SCRUM backlog in a visible PM tool

Key Tasks:

- Summarize M3 feedback into actionable items
- Create SCRUM backlog with owners and deadlines
- Assign checkpoints for each task

Deliverables:

- Internal Appendix II draft
- Active SCRUM board (GitHub Projects / Trello)

Sprint 1 – Core P1 Feature Completion

Dates: Nov 23 – Nov 30

Objectives:

- Complete all remaining P1 feature implementations
- Normalize UI/UX consistency across pages

Key Tasks:

- Implement persistent navigation bar with search
- Enforce required fields in tutor posting
- Add Forgot Password flow (dummy)
- Simplify dashboard to core functionality
- Improve commit messages and inline code comments

Checkpoints:

- Mid-sprint review (Nov 26)
- Sprint review (Nov 30)

Deliverables:

- All P1 features functionally complete
- Updated codebase with improved documentation

Sprint 2 – Integration, QA, and Deployment

Dates: Dec 1 – Dec 10

Objectives:

- Deploy system to AWS deployment server
- Validate end-to-end workflows

Key Tasks:

- Deploy frontend and backend to AWS
- Verify homepage and search run from server
- Resolve deployment/IP stability issues
- Conduct QA testing across all P1 flows

Checkpoints:

- Deployment verification checkpoint
- QA validation checkpoint

Deliverables:

- Fully deployed system
- Stable server-hosted homepage and search

Sprint 3 – Final QA & Documentation

Dates: Dec 11 – Dec 16

Objectives:

- Finalize system quality
- Complete all documentation for M5

Key Tasks:

- Fix remaining bugs
- Perform final regression testing
- Finalize Appendix II and M5 documentation
- Confirm all checkpoints are met

Deliverables:

- Final, stable build
- Completed M5 documentation package

Team Lead Responsibilities

Throughout the final sprint phase, the Team Lead was responsible for:

- Maintaining the SCRUM backlog and task assignments
- Monitoring progress and enforcing deadlines
- Ensuring full team engagement
- Communicating risks or blockers immediately
- Ensuring all checkpoints were met on time

Conclusion

This execution plan demonstrates a structured response to M3 feedback, emphasizing focus, discipline, and delivery. By enforcing feature freeze, managing work through SCRUM practices, and prioritizing deployment readiness, the team positioned itself to meet all M5 requirements within the given timeline.

Final Submission Date: December 17