

Sprint 2 Backlog

Project: Capstone Project Management System

Sprint: Sprint 2

1. Sprint Goal

The goal of Sprint 2 is to implement and stabilize core workflows for Students, Sponsors, and Admins, while addressing backend refactoring, authentication improvements, and deployment readiness.

2. Sprint 2 Deliverables

- **Form Filling Structure**

Completed form input structure for project and workflow data.

Hours: 2h expected / 2h actual

Contributors: Cole Munn, Gates Arnold

Status: Complete

- **Attachment Model**

Backend model and handling for file attachments.

Hours: 3h expected

Contributors: Jackson Burke

Status: In Progress

- **Edit/Add Project Functionality (Frontend)**

Ability for sponsors to add and edit projects via UI.

Hours: 1h expected

Contributors: Cole Kelley

Status: In Progress

- **AI Integration**

Initial integration of AI features with the project system.

Hours: 0.5h expected / 0.5h actual

Contributors: Cole Kelley

Status: Complete

- **Sponsor Workflow**

Core workflow for sponsor interactions and submissions.

Hours: 5h expected / 3h actual

Contributors: Thomas Hicks, Cole Munn

Status: In Progress

- **Student Workflow**

Student project browsing and interaction workflow.

Hours: 6h expected / 7h actual

Contributors: Cole Munn

Status: Complete

- **Email Client**

System email capability for notifications.

Hours: 4h expected / 5h actual

Contributors: Gates Arnold

Status: Complete

- **OAuth Implementation**

Authentication via OAuth.

Hours: 3h expected / 2h actual

Contributors: Cole Kelley

Status: Complete

- **Interface Design**

UI/UX design improvements and layout.

Hours: 4h expected / 5h actual

Contributors: Cole Munn, Gates Arnold

Status: In Progress

- **Cloud Deployment**

Initial cloud deployment and configuration.

Hours: 2h expected / 6h actual

Contributors: Cole Kelley

Status: Complete

- **Backend Unit Testing**

Unit tests for backend services.

Hours: 3h expected / 5h actual

Contributors: Jackson Burke

Status: Complete

- **Model Refactoring**

Refactoring backend models for maintainability.

Hours: 3h expected / 5h actual

Contributors: Jackson Burke

Status: Complete

- **API Refactoring**

Bug fixes and endpoint creation.

Hours: 3h expected / 5h actual

Contributors: Jackson Burke

Status: Complete

- **Student OAuth via MyBama**

Authentication integration with MyBama.

Hours: 5h expected / 2h actual

Contributors: Cole Kelley

Status: Deferred

- **Sponsor 2FA**

Two-factor authentication for sponsors.

Hours: 1h expected

Contributors: Cole Kelley

Status: In Progress

- **Student Email Verification**

Verification emails for student accounts.

Hours: 2h expected

Contributors: Cole Kelley

Status: In Progress

3. Sprint Notes

Several tasks exceeded their initial estimates due to deployment challenges and refactoring complexity. Authentication-related items tied to MyBama were deferred pending external migration dependencies.