

# CS5213 Group B Ticket 9

SPRINT 2 EXECUTION

# Sprint Execution Overview

## Sprint 3 Objectives:

- Procure the login page and begin development on the dashboard
- Complete Database migrations and begin testing (automated and integrations testing)
- Begin integration of the various tech stacks and components

## Current Sprint Objectives:

- Web-based platform to manage capstone projects.
- Streamlines project management for students, faculty, and administrators.
- Facilitates efficient project tracking, submission, and assessment.
- Configure production and development settings for optimal operation.
- Begin integration of essential services, including the CI/CD pipeline.
- Ensure the system is scalable, secure, and user-friendly for future expansions.

## Milestone Progress and Issues

### Milestone M1 (Project Setup) by Group A

- Group A said that they completed all of their work on M1
- Group A also put together the PDF on getting server access

### Milestone M4 (ORM Objects Definition) by Group D

- Group D wrote the SQL scripts to prepare the database for migration
- Group D wrote the relational schema, ER diagrams to generate the tables

Both group A and D, once the completion of their respective milestones is approved, they will begin work on Milestone 6 (detailed later)

## Milestone Progress and Issues

Group C, E, F:

- No meaningful progress on their respective milestones has been reported
- The groups have not brought up any roadblocks that are holding them back, relative lack of communication from these groups
- As these groups continue the progress of their milestones, assessment and future assignment will be issued to these groups

## Milestone 6 (M6): Login and Dashboard

- Milestone 6 is the milestone associated with the full stack development of the login page and dashboard pages of the CMS
- The following requirements will need to be designed and implemented:
  - User Interface Design
  - User Experience Research
  - Front-end Development
  - Back-end Development
  - Development and Feedback Integration
  - Testing
  - Documentation and Deployment
- Groups A and D will be assigned to this milestone starting Sprint 3

## Next Steps and Future Planning

Currently we are still working through issues with acquiring server resources for the application, as communication with the CS department continues we hope to gain insight on the resources available to us to host our application

- This will affect which database we use and how we will deploy the test and production environments, opening the work available for M2 and M3

By evaluating the engagement of the various groups we can adjust the assignments of the various milestones which will best aid in the completion of the project

Sprint 3 Execution documents for the development teams will include code demos of the work they have completed

## Conclusion and Feedback

- Groups A and D have completed their milestones after two weeks
- Group B members will continue to have meetings with various groups and scrum masters to discuss progress and to alleviate various roadblocks that come up
- For Sprint Demo 3, the groups may be required to show code or demo functions

Progress on the CMS has been quite slow, however now that some of the hardware hurdles have been overcome progress towards project completion will hopefully be more straightforward