CS5213 Group B Ticket 9

SPRINT 3 EXECUTION

Sprint Execution Overview
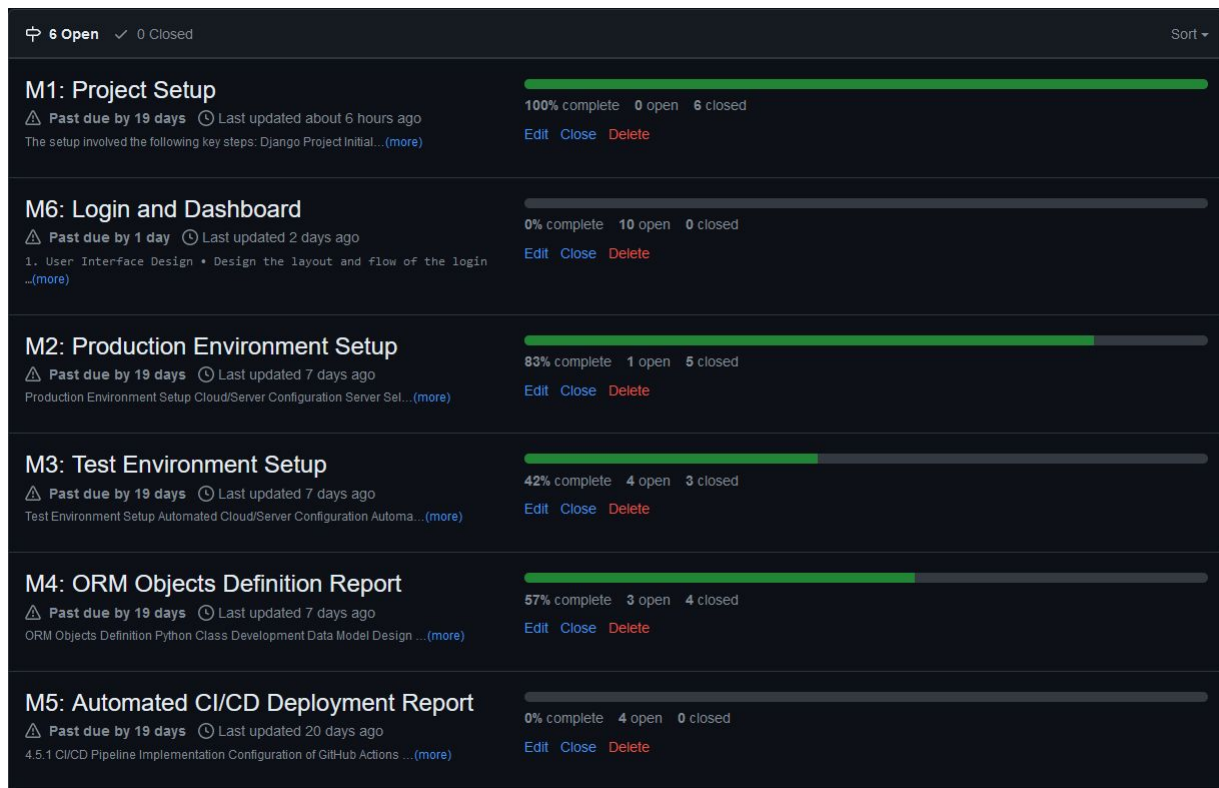
Sprint 4 Objectives:

- Prepare project for demo with Stakeholders

Current Sprint 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

Milestone Progress and Issues

Milestone Progress and Issues

- M1 Project Setup ✔️ (complete)
  - django-cms project setup, pull request #51 closed
- M2 Production Environment Setup 🏃 (in-progress)
  - OU CS IT system setup, scrum masters have access, CMS not yet deployed
- M3 Test Environment Setup 🧪 (in-progress)
  - Since pivoting to OU CS IT hosting, no test env has been proposed by group E
- M4 ORM Objects Definition 🗃️ (in-progress)
  - Database schema defined, not yet implemented in system
- M5 Automated CI/CD Deployment 🚢 (in-progress)
  - Jenkins instance set up on OU CS IT system, pipelines not yet implemented
- M6 Login and Dashboard 🔑 (not-started)
  - Groups A and D have been assigned this milestone

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 staring Sprint 3

Comments by project managers:

- Make sure to test for secure data transmission too.
- documenting the design philosophy and research for the test creation process is essential.
- Consider adding visual examples for design tasks. This can help visualize the end goals and ensure everyone's on the same page.
- Looks good! Maybe consider adding specific scenarios to test for edge cases on the login, which often get overlooked. For the dashboard, checking responsiveness on different devices could be crucial too.

Next Steps and Future Planning

Currently we are working on Milestone 6 Login and Dashboard, and there is good progress contributed by Group A and Group D.

- There are issues open in M2, M3, and M5. This will affect the progress of the project since the production and test environments are not configured yet. The CI/CD implementation is not done and it blocks the code to run on Jenkins server making it difficult to perform unit testing.

By asking the teams to meet with project managers we can evaluate the work done by them and ask them to resolve any issues found. All groups will have to be ready to show their work (execution of code without errors) in the demo meeting.

Sprint 4 Execution will include a demo of the project with stakeholders in a scheduled meeting on Monday 6 p.m. and the same will be documented for submission.

Conclusion and Feedback

- Groups A and D have started working on the Milestone 6
- 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 the final Sprint Demo, 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