

Sprint 4 Documentation

Goal:

The goal of Sprint 4 is to maintain and enhance the system by fixing bugs, refactoring poor design choices, and completing the implementation and testing of advanced and team-proposed features.

Timeline Objectives:

Week 1:

- **Bug Fixing and Maintenance**

- Identify and resolve system bugs using static analysis tools (e.g., SonarQube or ESLint).
- Document maintenance efforts, including code commits and descriptions of fixes.
- Refactor code to improve readability and maintainability.

Week 2:

- **Unit Testing and CI Enhancements**

- Implement unit tests for new features and ensure they run automatically on the CI pipeline.
- Enhance the CI/CD pipeline for efficient testing and deployment.
- Finalize repository organization to separate production code, tests, and documentation.

Week 3:

- **Feature Finalization and Code Review**

- Complete the development of team-proposed features to align with project goals.
 - Conduct code reviews for all new features implemented during the sprint.
 - Finalize the instructor dashboard:
 - **Summary View:** Provide a visual summary of student performance across all dimensions.
 - **Detailed View:** Present individual student performance and comments for a deeper analysis.
 - Prepare for the final demo to showcase the implemented features to the TAs.
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