

Group 6 Sprint 7 Planning

Scrum Master

- Jiayue Zheng

Deliverables

- **Test Case List:** A set of 10 user acceptance test (UAT) cases covering key functional requirements, each with defined complexity levels.
- **Test Result Table:** A consolidated results table summarizing pass/fail status of each test case for every group member.
- **Bug Severity Report:** Evaluation of discovered errors or bugs during UAT, including severity classification and impact analysis.
- **Sprint 7 Summary Report:** Documentation containing all test cases, results, and bug analysis, to be uploaded to GitHub.

Tasks

Task 1: Update UAT Plan

Duration: 10 h

Team Members: Jiayue Zheng, Armas Nevolainen, Santtu Saaranen

Description: Update the existing User Acceptance Test plan with Sprint 7 requirements and define the structure for test cases.

Task 2: Update Trello

Duration: 1 h

Team Members: Jiayue Zheng

Description: Update Trello to reflect Sprint 7 product and sprint backlog.

Task 3: Create 10 UAT Test Cases

Duration: 10 h

Team Members: Jiayue Zheng, Armas Nevolainen, Santtu Saaranen

Description: Design 10 user acceptance test cases based on core functionalities with clearly defined complexity levels.

Task 4: Act as Customer Representatives

Duration: 15 h

Team Members: Jiayue Zheng, Armas Nevolainen, Santtu Saaranen

Description: Each member simulates a customer role to execute the designed UAT test cases and observe results.

Task 5: Document Test Results in Excel

Duration: 12h

Team Members: Jiayue Zheng, Armas Nevolainen, Santtu Saaranen

Description: Record results of each test case in Excel, including expected/actual outcome, pass/fail status, and any bugs.

Task 6: Submit Written Report

Duration: 20h

Team Members: Jiayue Zheng, Armas Nevolainen, Santtu Saaranen

Description: Compile a full Sprint 7 report including the test case list, results table, and bug evaluation. Upload to GitHub.

Task 7: Fix All Identified Errors

Duration: 20h

Team Members: Jiayue Zheng, Armas Nevolainen, Santtu Saaranen

Description: Fix all bugs found during UAT to prepare the product for Sprint 8.

User Stories We Have Aimed to Implement

- As a developer, I want to update the existing User Acceptance Test plan with Sprint 7 requirements and test case structure, so that the test process is well-defined and aligned with current goals.
- As a scrum master, I want to manage the sprint backlog in Trello, so that all team members stay aligned on progress and responsibilities.
- As a QA engineer, I want to design 10 comprehensive user acceptance test (UAT) cases based on the product backlog, so that we can validate system functionality from an end-user perspective.
- As a customer representative, I want to simulate real user scenarios while executing the test cases, so that I can evaluate whether the application meets user needs.
- As a test engineer, I want to document the outcome of each UAT test case in an Excel sheet, so that we have a clear record of the application's stability and behavior.
- As a QA engineer, I want to compile test results and analyze discovered bugs in a report, so that the team can prioritize fixes and evaluate product readiness.
- As a developer, I want to fix all discovered bugs from the UAT, so that the application is stable and ready for the final Sprint.
- As a teacher user, I want to ensure that all course management features work correctly, so that I can effectively organize educational materials.
- As a student user, I want to verify that all study material interactions function properly, so that I can access and engage with educational content.