

Sprint 7 Review

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Updated User Acceptance Test Plan

The preliminary test cases from sprint 6 user acceptance testing plan were updated to accommodate the new sprint 7 requirements. The tests contained in the original user acceptance test plan were too detailed. Tests were made to be more extensive in nature.

User Acceptance Test Cases

The 10 required test cases were created based on the product backlog. The tests consisted of the main functions of the application. A single test case consisted of several steps that lead to the expected outcome. Test cases ranged in complexity from medium to high, such as from a simple login test as an existing user up to a more complex test case where a user prompts errors from every key point in the user journey.

UAT as Customer Representative

The testing was conducted remotely, with one team member acting as the facilitator, second as the observer, and a third performing the tests while sharing their screen. The facilitator guided the tester through the process, and the tester could ask for clarifications when or if needed. The testing proceeded smoothly, as all participants were already very familiar with the application.

Test Result Documentation

The results of the user acceptance tests were recorded individually for each team member. For each test case, the performed actions, expected system responses and outcomes (pass/fail) were documented step-by-step.

Error Fixing

The most severely rated issues were fixed during the sprint. This included issues with a severity rating of either 2, 3 or 4. Most low severity issues (rated 1 or 0) were postponed to the next sprint, as all issues were identified relatively late into the sprint and high severity issues needed to be prioritized.

Product Backlog Update

Three new user stories were added to the product backlog and one user story from the previous sprint was carried over. The focus was on improving reliability and performance. Users should be able to trust the application by knowing that it has been extensively tested and validated by other users. The application should also function smoothly without any interruptions or long waiting times. This way users

won't get frustrated during a typical user journey. Additionally, when errors happen the system should provide clear and helpful error messages.

This sprint had a total of 14 planned story points, of which 14/14 were achieved. Updated product backlog can be seen in image 1.

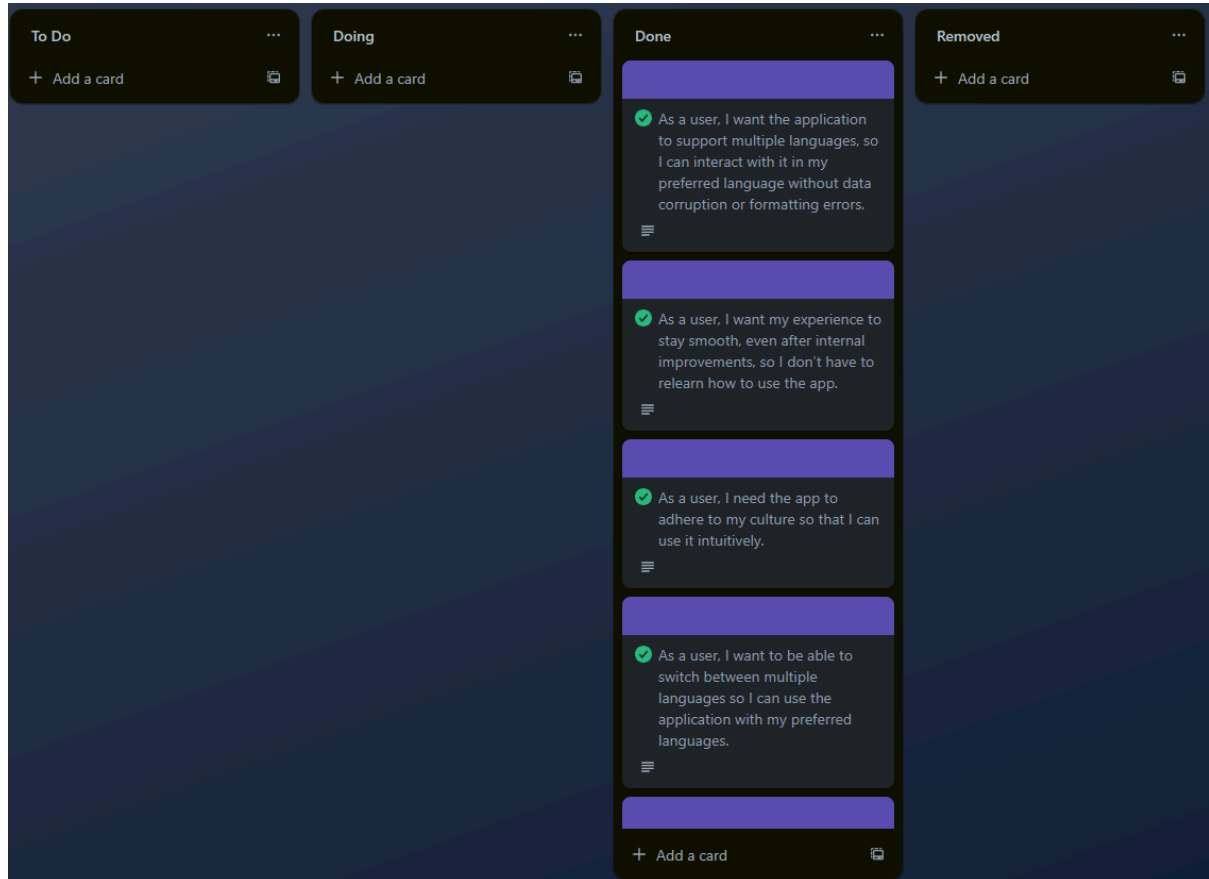


Image 1. Sprint 7 product backlog.

These planned user stories were split into multiple tasks that would meet the required acceptance criteria for each user story. After each task corresponding to a user story was done the user story was finally marked done.

Sprint 7 backlog status can be seen in image 2. There were 14 total task during this sprint, of which all were completed.

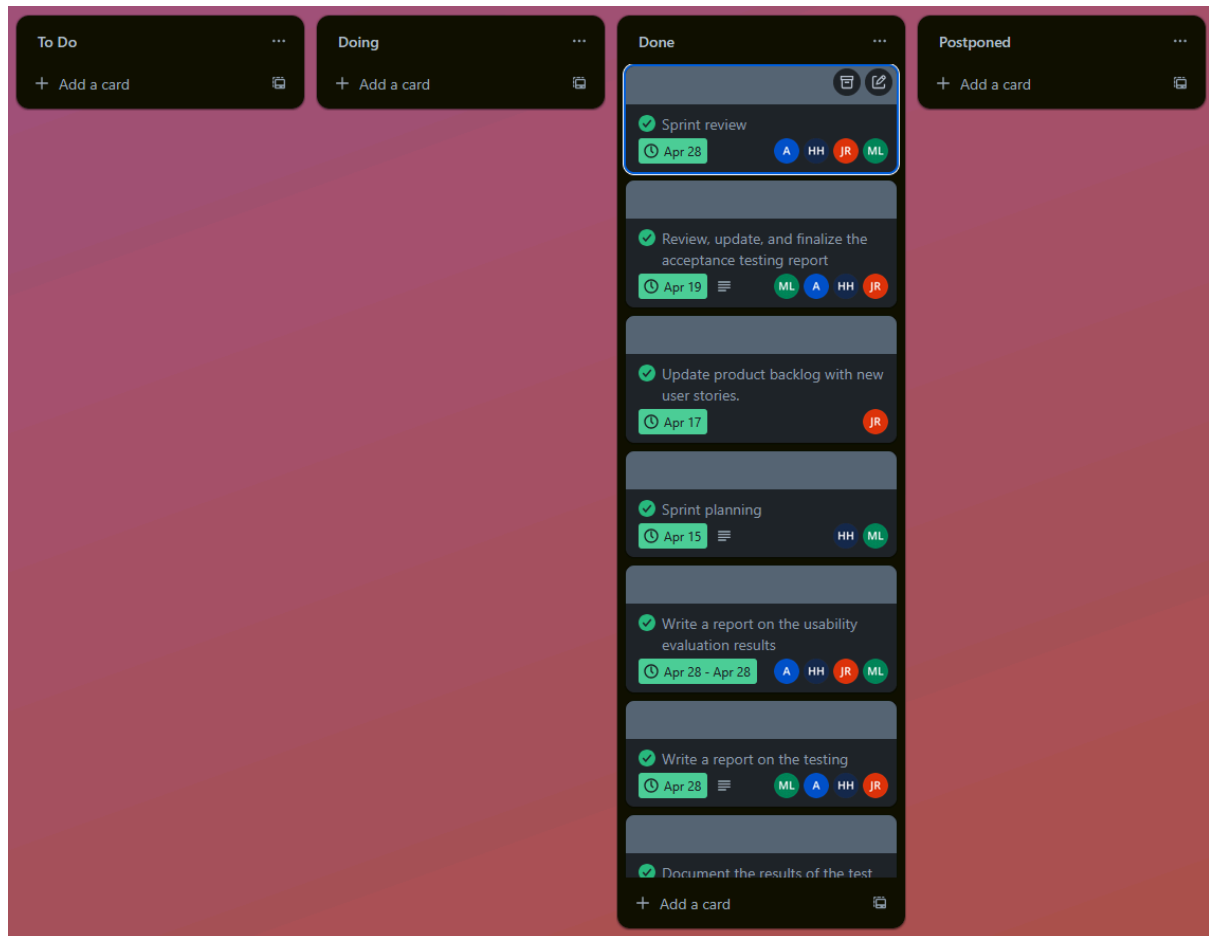


Image 2. sprint 7 backlog.

Sprint Review

The sprint focused on beta, performance and usability testing. Team participated in all sprint ceremonies, the sprint planning and review. Tasks were divided between team members according to their load.

The team found several usability issues when performing testing. These errors were handled according to the severity of the issue, and some issues needed to be postponed.

Name	Tasks	Time
Ade Aiho	Scrum master, User acceptance testing, Heuristic usability evaluation, Documenting test results, Error fixing	12 hrs
Heta Hartzell	User acceptance testing, Heuristic usability evaluation, Documenting test results, Error fixing	14 hrs

Mika Laakkonen	User acceptance testing, Heuristic usability evaluation, Documenting test results, Error fixing	12 hrs
Jonne Roponen	User acceptance testing, Heuristic usability evaluation, Documenting test results, Error fixing	14 hrs

Image 3. shows the excel sheet which displays each team member's contribution.

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	Sprint 5	Sprint 6	Sprint 7	Sprint 8	Total
Ade	12	15	12		39
Heta	13	15	14		42
Mika	12	18	12		42
Jonne	14	16	14		44
	51	64	52	0	167

Image 2. Image of excel sheet team contributions.