

## Sprint 4 review

Ryhmä 7: Hilda Hermunen, Veera Ruotsalainen

Scrum Master: Hilda Hermunen

### 1. Trello board status

For Sprint 4, Trello had some tasks related to finishing touches and project presentation. The following figure shows a screenshot of the team's Sprint 4 Trello board at Sprint Review.

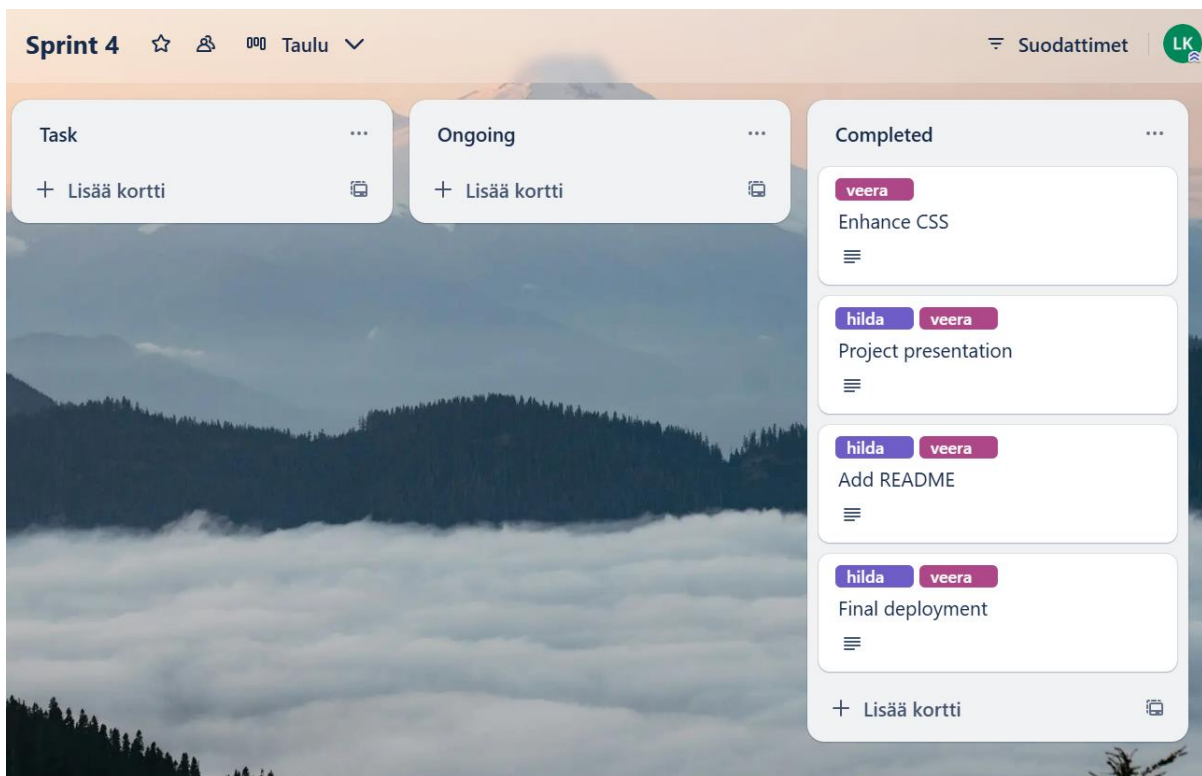


Figure 1: Screenshot of Sprint 4 Trello board

As shown in figure 1, all planned tasks were finished. The team presented a final product on the last lesson of the period.

### 2. Time spent by each member

Total hours spent during the sprint was 20. The tasks were divided between the team members and the workload was even.

### 3. Sprint backlog status

Team achieved all the planned goals for the Sprint. Team starts to plan for the next Sprint that starts in the next period.

#### 4. Obstacles encountered

The team was not successful in deploying the Docker container with JavaFX. Implementing Mockito or similar technology is planned for the next course. Right now, without Mockito or similar technology, testing is limited to models.

## Sprint 5 planning

Ryhmä 7: Hilda Hermunen, Veera Ruotsalainen

Scrum Master: Veera Ruotsalainen

### Goals

In this sprint the team aims to implement localization features in the project, including language selection, database support for multiple languages and UI modifications for RTL (Right-to-Left) languages. Additionally, Mockito will be integrated for testing and localization tests will be created.

#### 1. Tasks and responsibilities

- Implement language selection functionality (Hilda)
  - Working language translation
  - Working date formatting
  - Working UI with RTL language
  - Estimated time: 5 hours
- Prepare the database for handling multilingual data. (Veera)
  - Create a strategy for managing character encoding and locale settings.
  - Estimated time: 3 hours
- Prepare User Interface for localization (Veera)
  - Add language buttons
  - Modify FXML files to support localization (RTL languages) or create new FXML files for different languages
  - Estimated time: 3 hours
- Implement Mockito (Hilda and Veera)
  - Estimated time: 2 hours
- Locale Management (Hilda and Veera)
  - Identify text elements that require translation.
  - Identify essential resources, such as translators and content management systems, for the localization process.
  - Create resource bundles.
  - Estimated time: 2 hours
- Create tests for localization (Hilda)
  - Validate translated text display and UI responsiveness.
  - Estimated time: 3 hours

#### 2. Trello Board and User Stories

The following figure shows the sprint 5 Trello board with the planned user stories and backlog.

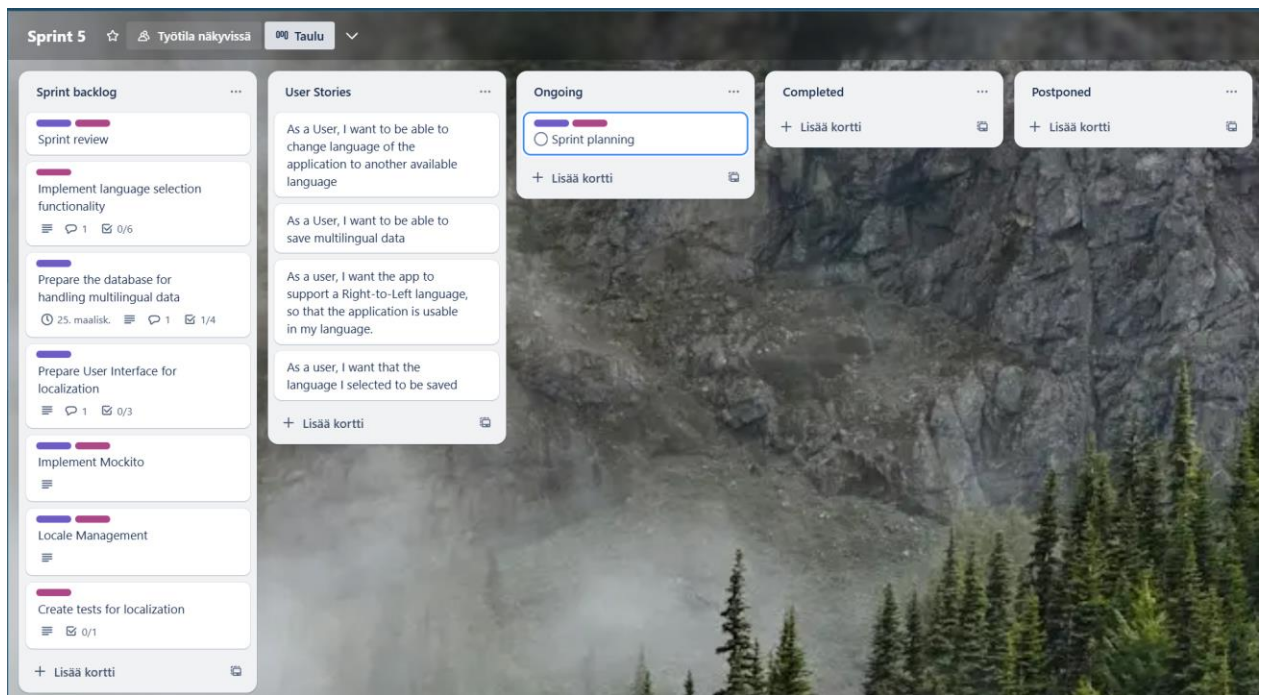


Figure 2: Screenshot of Sprint 5 Trello board

As seen in the figure, the team has four different user stories planned for this sprint.