

Sprint Planning Report

Sprint Number & Dates

This is sprint number 2 and it is scheduled to be executed from 29.01.2026 to 12.02.2026.

Sprint Goal

The goal of this sprint is to start the technical foundation of the product. This includes modeling and implementing the database, starting the user interface development as well as integrating DevOps tools like Maven for dependency management, JUnit for unit testing and JaCoCo for code coverage reports.

Selected Product Backlog Items

- User Management (Frontend and Backend)
- Flashcard Functionality (Frontend and Backend)
- ER-diagram design (Database)

Planned Tasks / Breakdown

We have planned to execute the following tasks:

- Integrate unit testing
- Configure code coverage testing
- Start developing the user interface
- Implementing the database

Team Capacity & Assumptions

The whole team is present, healthy and feeling well so by all assumptions we will get each task done in time.

Definition of Done

- **Flashcard Functionality:** The application should have minimum amount of functionality for a working flashcard-learning system, including (creation, searching, taking)
- **User Management:** The back end should have at least a working minimal authentication system, which includes the creation of users, logging in.
- **Database:** Fully functional database setup created based on an ER-model.

- **Tests and Code Coverage:** The product should be unit tested thoroughly and working code coverage reporting implemented (JaCoCo).