Sprint 2 Planning Report

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Goals

The primary goal of this sprint is to create a foundation for the project, such as modeling data, planning and designing the database, starting to develop the user interface, and integrating various development tools.

The database will be implemented as a relational MariaDB database. First, the data will be modeled utilizing ER diagrams, and from that a relational database scheme will be designed.

The user interface will be designed using Figma, and JavaFX is to be integrated as a development tool.

Unit testing and code coverage testing workflows will be implemented, using JUnit and JaCoCo as frameworks.

Backlog items and planned tasks

- Design database schema
- Define database tables
- Add test data to database, test CRUD operations
- Design UI in Figma
- Implement basic views and layout
- Integrate and write unit tests
- Configure code coverage testing, generate report

Team capacity, expectations and assumptions

We generally expect to reach our goals for this sprint.

The capacity of our team should be sufficient to attain the tasks specified in this plan. We will communicate actively, and hold regular meetings to keep track of progress and catch problems early.

As a team we have decided to define more concrete roles and responsibilities to divide tasks more clearly.

Definition of done

The ultimate goal of this sprint is to lay out a foundation for the development of this software project. The software, UI and database will be designed thoroughly, and development tools and frameworks including testing will be configured and implemented so that the development of the project itself will be smooth.