Group 3: Sprint 2 Review Report

Aaro Jylhämäki, Juhana Hänninen, Leevi Rinnetmäki, Nea Lukumies

What has been done?

- Designed and implemented MariaDB database.
- Finalized Figma diagram.
- Implemented key frontend methods to fetch and manipulate database.
- Performed unit testing for all key methods.
- Implemented JaCoCo for code coverage testing.
- Begun implementing graphical user interface to the project.

Sprint highlights:

- High code coverage with JaCoCo (excluding methods created for testing purposes).
- High quality Junit tests.
- Finalized UI design.
- Maven codebase structured with MVC-pattern.

Backlog items covered in sprint 2. (Total: 13)

- Setup: maven codebase
- Setup: database
- Feature: add course
- Feature: add new assignments to calender
- Feature: edit assignments
- Feature: Dao-functions
- Feature: create calendar element
- Feature: add user to database
- Feature: Login functionality
- Design: interface with figma
- Testing: Dao-test
- Testing: Configure code coverage testing with JaCoCo
- Testing Perform unit testing with Junit for all meaningful methods

Backlog items postponed to sprint 3. (Total: 1)

- Feature: reminders

Obstacles we faced.

- Timing constraints

Links

Trello Board

https://trello.com/w/otp113/home

Project repository

https://github.com/nealukumies/edusync/tree/main

Project Vision

https://github.com/nealukumies/edusync/blob/main/doc/OTP1_group3_ProductVision.pdf

Project Plan

https://github.com/nealukumies/edusync/blob/main/doc/OTP1_Group3_ProjectPlan.pdf