

Team 6 - Sprint 2 review report

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What has been done:

- Database diagram
- SQL Script for database
- Populate MariaDB with mock data
- Figma design
- Implemented data access object (DAO) for database usage
- Started MVC Structure
- User interface has been started
- JUnit and Jacoco Integration
- Test Cases for future MVC usage
- First html output from Jacoco

What is in progress:

- MVC
- Start to implement dao functionality to controllers
- Implement Chain of Responsibility to the DAO
- Adding more UI elements to userinterface to accommodate the Figma Design
- Adding java classes to produce UI element containers

Obstacles we faced:

- Faced some issues when using SceneBuilder to align objects correctly, corrected by utilising other elements when making interface

Links:

Trello Board:

<https://trello.com/b/5WAXql7T/product-backlog-board>

Project Plan:

https://docs.google.com/document/d/1O_g-zJz1wV71_avTi1PDZ-5DXelolw9V7ZhQsQWpBLM/edit?tab=t.0

Product Vision:

<https://docs.google.com/document/d/1O3U6CPSf3AjObtdmFEt4F05RRHxHQHc2p4wla8N3JY/edit?tab=t.0>

Figma UI Blueprint/Prototype

<https://www.figma.com/design/2FSC3hxvOkFGg2zG9coUL4/SchoolApp?node-id=0-1&p=f&t=2K1rck9SdNKwUYTN-0>

Project repository:

<https://github.com/TheZink/OTP1>

Jacoco test results:

<https://users.metropolia.fi/~danielju/OTP-Project/site/jacoco/>