

## **Team 6 - Sprint 4 review report**

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### **What has been done:**

- Docker image has been built with JavaFX functionality
- Docker image now works with Database
- Docker image now loads the project's interface properly with Xming
- Courses can now appear in the courses tab
- Staff and Users can both login, interface changes accordingly
- Admin Panel has been added and can be accessed by Staff users with Administrator permissions

### **What is in progress:**

- Interface progress continues with attendance list and course list

### **Obstacles we faced:**

- Build instructions was using the wrong jar file, changed to use Shaded Jar to include dependencies necessary for JavaFX and Database Access (SQL)
- Test cases were not going through, fixed by disabling tests when project is supposed to be run through docker (Docker requires a different SQL url to connect, thus automatically failing DAO tests and failing build)
- Running docker image on macOS with arm processor caused some issues

### **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](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/2FSC3hvxOkFGg2zG9coUL4/SchoolApp?node-id=0-1&p=f&t=2K1rck9SdNKwUYTN-0>

Project repository:

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