# Group 7 - Sprint 3 Review Report

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**What has been done:**

- Added all missing CRUD functionalities
- Added missing unit tests and for the new code
- Slightly improved code structure
- Implemented Jenkins and Docker
- Implemented statistics and teacher analytics functionalities
- Improved UI and UX
- E2e test with h2 test database
- Jenkins automatic building
- Added all relevant documentations and updated README
- Tested the app manually

**What is in progress:**

- We have polishing and improvements in progress for UI and UX
- Code refactoring
- Possible bug fixes
- Performance improvements
- Missing unit tests

**Obstacles we faced:**

- Due to unfortunate circumstances of one group member (Aaron Lyhtinen) falling ill quite badly, we  struggled to do everything we were supposed to do in sprint 3
- Due to differences in OS usages in the development team, we faced problems using Jenkins. One of our members uses Linux and on his setup, H2 tests didn't go through but on Windows it works fine.

**Links:**

Trello:
https://trello.com/invite/68a4258199297277a2398280/ATTIbc78c11e24c1ef0c3771aed48fca1d911D951D32

Project Plan:
https://docs.google.com/document/d/1WRvAvACiisHjMJcPBnSaAb5-keeYUECYk0VX7rXa6d8/edit?tab=t.0#heading=h.oznufh9rezsb

Product Vision:

https://docs.google.com/document/d/1b9nHPwjQfbamUmkKsPNW1CP1Q73o5ld44S7jjn_OBaA/edit?tab=t.0

Figma UI prototype:
https://www.figma.com/design/WOHsO7nSdEMgZaQvuPOW6z/Untitled?node-id=0-1&t=gjapZcNlv7a0wmfL-0

Project repository:
https://github.com/jarmoil/OTP1