

# Group 4 - Sprint 6 Review Report

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What has been done:

## Database Localization

- Implemented database localization with functionality to store the user's selected language during registration and automatically load it at login.

## Statistical Code Review

- Identified issues in regards to our project's code through SonarQube and Sonarscanner. Issues concerning security, reliability, maintainability, coverage and duplication.

## Code Clean-Up and Refactoring

- Refactored and simplified the whole project's code.
- Renamed classes and components for simplicity.
- Removed a lot of unused code.

## Acceptance Test Planning

- Created an Acceptance Test Plan, which includes criteria and test matrix for functional, usability and performance testing of the application.

## Architecture Design Documentation

- Created ER and Relational Schema diagrams of the projects database.
- Created and added a Use-case diagram of the client application.
- Added the diagrams mentioned above to the projects Github repository under /docs/diagrams folder.

What is in progress (for Sprint 7):

- Add support for RTL based languages.
- Review and refine user stories related to software functionality.
- Acceptance testing.
- Ensure SonarQube grade A, or B at a minimum.
- Update project documentation.
- Create a Class diagram.

Obstacles we faced:

- No obstacles were encountered.

Trello:

<https://trello.com/b/FWJPnRNE/ohjelmistotuotantoprojekti-1>

GitHub:

[https://github.com/TonyKarlin/Ohjelmistotuotanto\\_Projekti\\_1](https://github.com/TonyKarlin/Ohjelmistotuotanto_Projekti_1)

Figma:

[https://www.figma.com/design/tksSJMJPSSuxlcXPgIkYMm7/ohjelmistotuotantoprojekti\\_pohja?node-id=0-1&p=f&t=Jw9GPuhMWu901RQ4-0](https://www.figma.com/design/tksSJMJPSSuxlcXPgIkYMm7/ohjelmistotuotantoprojekti_pohja?node-id=0-1&p=f&t=Jw9GPuhMWu901RQ4-0)