

# Group 4 - Sprint 3 Review Report

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What has been done:

## Database

- A profile picture URL path added to the user table

## Frontend

- User profile picture upload and the ability to update user information.
- Send, delete, and edit messages.
- View users, remove them from conversations, and delete conversations.
- Logout function.
- Adding users as friends/contacts and accepting incoming friend requests.

## Backend

- Implemented functionality to allow updating user information.
- Implemented support for adding and managing user profile pictures.
- Implemented JWT tokens to enhance authentication and security.

## Unit Testing

- Improved existing test to better validate the new code and functionalities.

## CI/CD

- Integrated Jenkins pipeline for Unit tests.
- Enhanced Jenkins pipeline to automate Docker image creation and deployment to Docker Hub.

What is in progress (for Sprint 4):

- Finalizing the functionalities of the prototype.
- Creating a docker container of the project.
- Create and push Docker image to Docker Hub.
- Testing the deployed image in a suitable environment.
- Sharing the project with classmates for feedback.
- Getting ready for the final demonstration.

Obstacles we faced:

- Identifying and resolving the failed tests that caused the Jenkins pipeline to fail. The failures were due to changes in the project's structure.
- Configuring the Docker image to connect to the database.

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/tksSJMJPStXlcXPglkYMm7/ohjelmistotuotantoprojekti\\_pohja?node-id=0-1&p=f&t=Jw9GPuhMWu901RQ4-0](https://www.figma.com/design/tksSJMJPStXlcXPglkYMm7/ohjelmistotuotantoprojekti_pohja?node-id=0-1&p=f&t=Jw9GPuhMWu901RQ4-0)