

Sprint I Release Notes

Sprint goals

- Understand how to implement enterprise architecture
- Research about database and programming languages
- Initialize base functionalities of the application. Sample endpoint, login, messaging system.
- Create architecture diagrams
- Create C4 diagram to fully explain the project

Sprint achievements

- Research about enterprise architecture and how to apply it
- Research about database and frontend/backend languages
- Learned how to use RabbitMQ and apply it using FastAPI. I created a loop that sends 300 messages on the backend and a subscriber that prints out the message in the console from the frontend.
- Created event storming diagram
- Created architecture diagram
- Created C4 diagram
- Setup base login system using JWT token

Link to project management tool (backlog, sprint planning)

Link to Jira board [here](#).

Up-to-date project-related documentation

Currently there is no project plan created

Code repositories (make sure your teachers has access)

Link to the bitbucket repository of the frontend [here](#).

Link to the bitbucket repository of the backend [here](#).

Sprint planning for next sprint

- Implement the main events on the backend and connect them to the frontend using RabbitMQ and websockets
- Create project plan
- Update architecture diagrams
- Research about cloud (AWS, Google)