

Release notes – Sprint 4

Sprint goals

- Create the notes microservice.
- Expand the client and integrate all microservices in the user interface
- Dockerize the microservices and look into Kubernetes orchestration

Sprint achievements

- Created the “notes” microservice with CRUD operations for adding and managing notes.
- Expanded the client to include some of the notes microservice’s functionality.
- Added Prometheus API metrics monitoring on the Auth microservice featuring a custom rest response time metric.
- Deployed an instance of SonarQube on Azure Cloud
- Dockerized the microservices
- Setup an Azure DevOps pipeline to test, build and run the application through SonarQube for code analysis (including a manual quality check requirement)

Link to project management tool

[Trello board](#)

Code repositories

[Code Repository](#)

Sprint Retrospective

- Despite achieving quite a few things this sprint I am still far behind and must keep this tempo up in order to complete my learning outcomes before the end of the semester.
- I need to keep my semester coaches better informed about my progress

Sprint Planning

Next I will focus on:

- (Backlogged) Kubernetes orchestration
- Azure Cloud Deployment
- Monitoring setup with Grafana visualization
- Some extra testing of the environment