

Written on: 16.03.2024
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Overall progress: 5

Items carried out in Sprint 1

Week 1:

- Complete microservices setup
 - API gateway - kong
 - Example microservices (one with DB connection, one without)
 - Dockerfiles for each microservices
 - Global docker compose
- Setup for Kong
 - Automatic gateway with DB-less state
 - JWT authentication and shared secrets

Week 2

- Handover and explaining of the skeleton to backend and frontend development team
- Integration of proof of concept for code coverage (automatic integration of an script which runs for each microservice run script, extracts coverage report and uploads to codecov)
- Integration of sonarqube for code quality
- Rules for main branch (no direct push, at least one review necessary)

Transitioning activities:

Testing for already implemented microservices (ms-authorization and ms-user) and testing the CI pipeline (expected to complete until 20.4.)

Activities for next deliverable:

- 1) Prepare and test CI pipeline on implemented services
- 2) Discover CD possibilities with localstack (deployment of Dockerfiles to EC2 instances via localstack)
- 3) Microservice to allow storing of places
- Activities might slightly change based on our planned spring planning on following tuesday

Immediate actions:

Currently there are no immediate actions