

Individual Reflection Document

Due to some unfortunate events I was in a pretty bad mental state when delivering the arbeidskrav and during the first exam, and I later came to sort of regret the arbeidskrav I delivered. Everything I thought of while doing the exam either felt way too complicated, i.e having a multiplication service where both num1 and num2 are equations/challenges generated by the division service, or way too simple, i.e having the challenge services separate. Therefore, I came to a compromise of having the division service call the multiplication service and swapping num1 and correctResult. Even though this is pretty inefficient it will still display knowledge REST API.

A thing I regret is not writing a arbeidskrav that would create more interesting “value”, for example a store or library where the user (an admin) can upload items and books, as well as opening up for more interesting services, such as sending a buy request or subscribing to an author etc.

The ensuing result of this mess is therefore a project that has very little value outside of this exam, with artificially created complexity (division service being reliant on multiplication service)...

Development

Starting development I created a very simple, mostly boilerplate, project using lots of available resources on the internet. The starting project consisted of most of the infrastructure I intended to implement and potentially use (Consul, RabbitMQ, Zipkin, Logs). As well as testing out some simple REST and Rabbit calls across the basic demo1 / multiplication service and demo2 / division service.

After having the services up and running, with lots of “real world testing” using PostMan, I decided to start working on the frontend. The frontend is created in Vue due to having some relevant experience lately with our bachelor project, but still very cobbled together.