

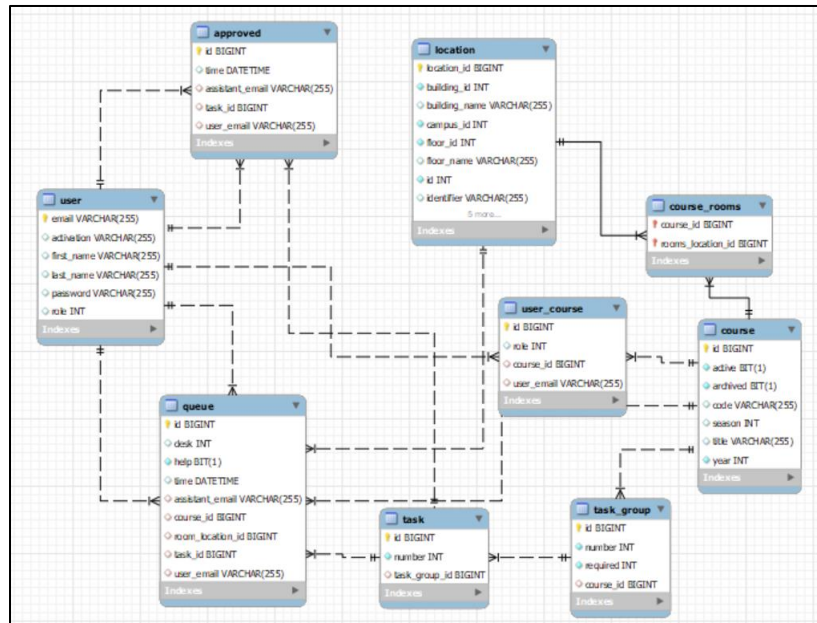
Project Architecture

Queues Application

Backend

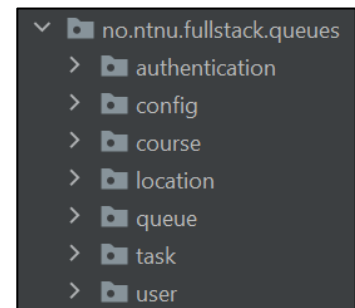
Entities

This project uses the 'javax.persistence' library to translate Java objects to SQL schemas.



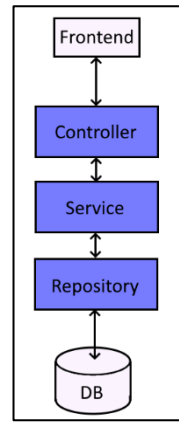
Packages

The projects packages define the different entities in the application. There's also the packages authentication which deals with tokens, and config that configures security settings.

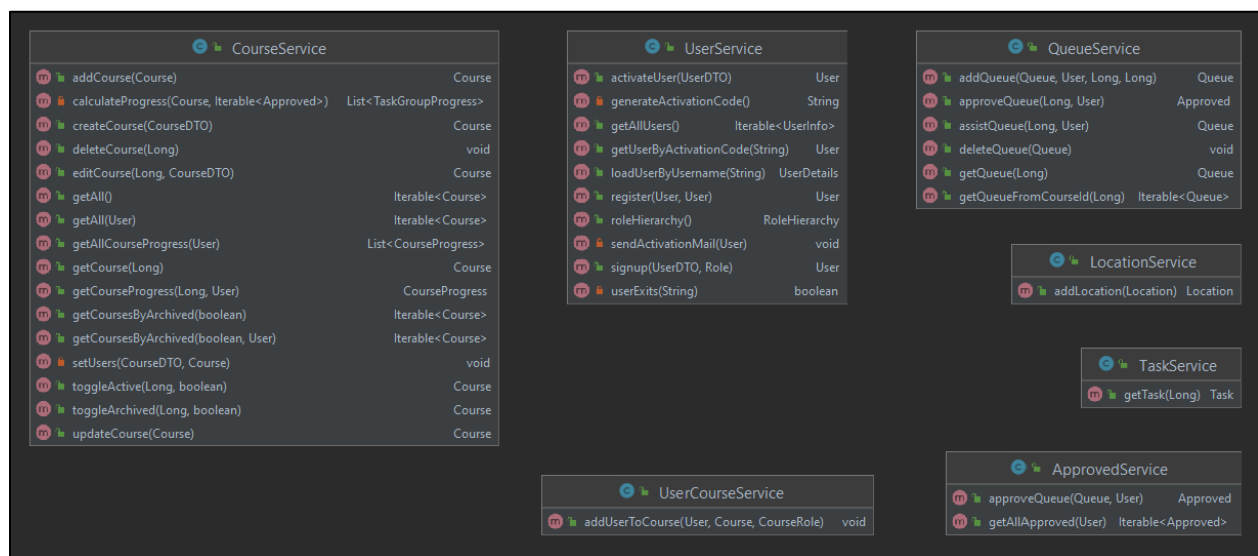


Controller-Service-Repository

For each data entity, the backend has a Controller, Service, and Repository class. The Controller listens for requests from the frontend and calls its corresponding Service class to handle the logic of the request. The Service class can connect to other Service classes to fetch needed info, while Controller and Repository are held separate. The Repository classes provides methods for SQL communication with the database.

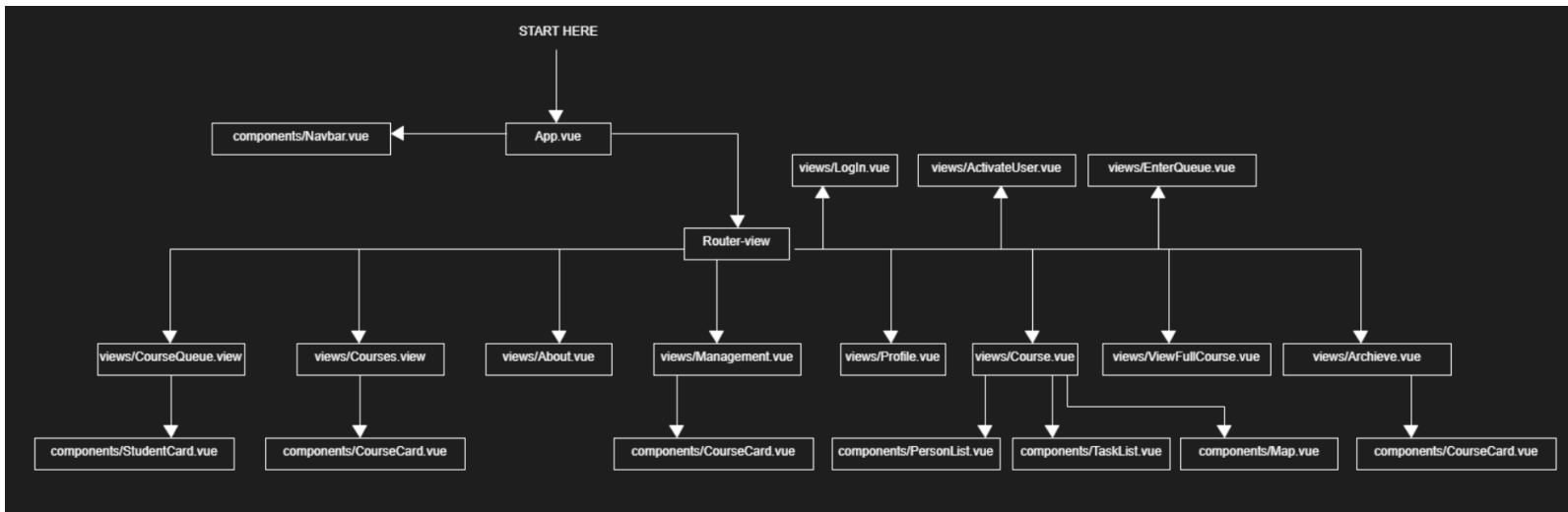


Service classes



Frontend

Diagram of Vue-components:



Tokens

The script 'src/service/http-common.js' provides a common interface to send and receive network traffic. By importing this script in a Vue-component a get-request is sent by calling 'http.get()'. The http script automatically handles tokens with the backend, so that this logic doesn't have to be repeated throughout the project.