

ENERGY CONSUMPTION PLATFORM

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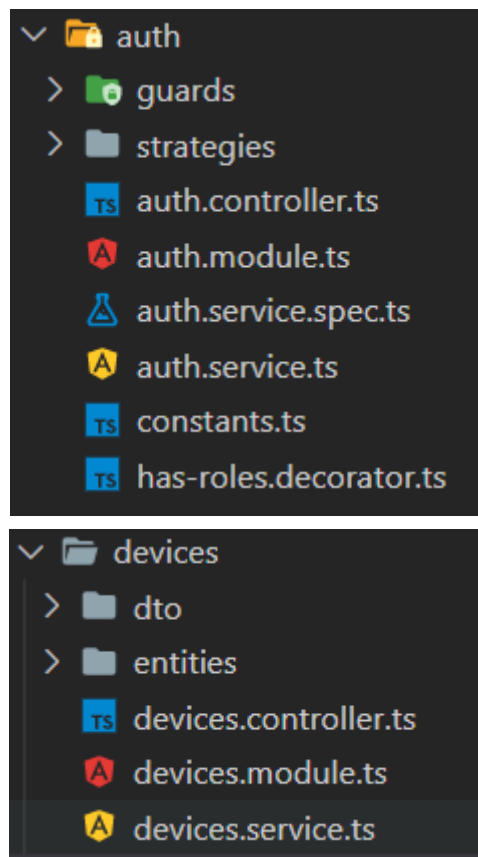
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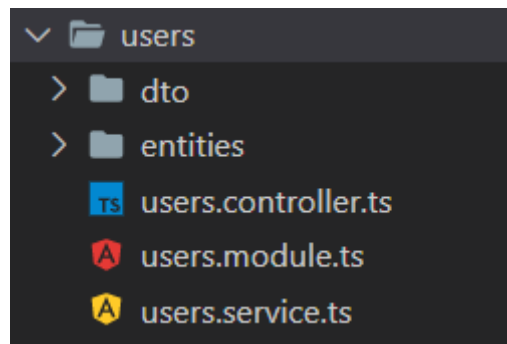
1.Application architecture

The architecture chosen for this application is Layered Architecture to ensure the separation of concerns in a layered way of structure.

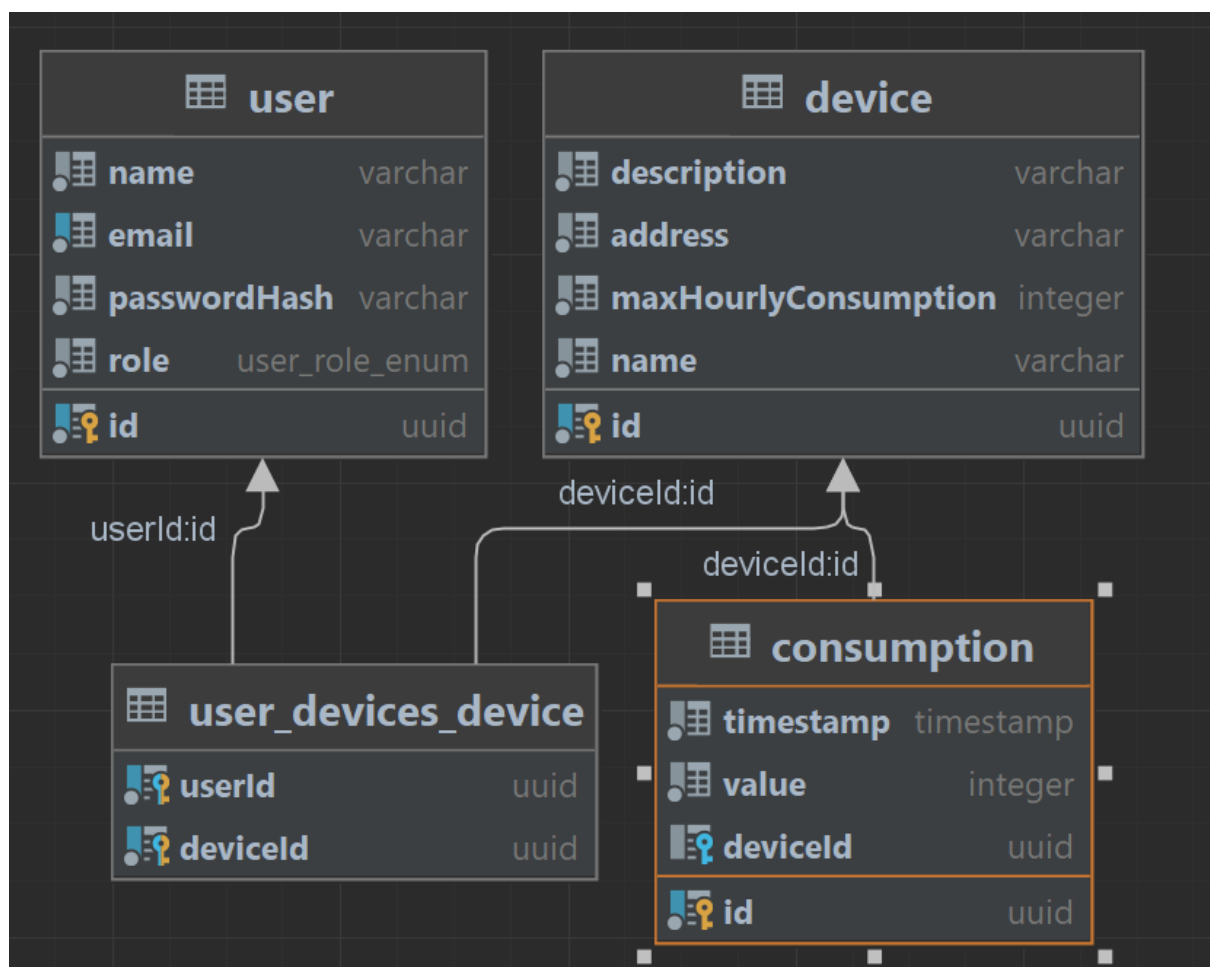
The folder structure of the platform is the following:

- Controller - Every request is handled here and redirected to the right service
- Service - The place where most of the business logic is handled in order to retrieve the requested information if the no exception is thrown
- Repository - The role for this part is to execute database queries according to the received request



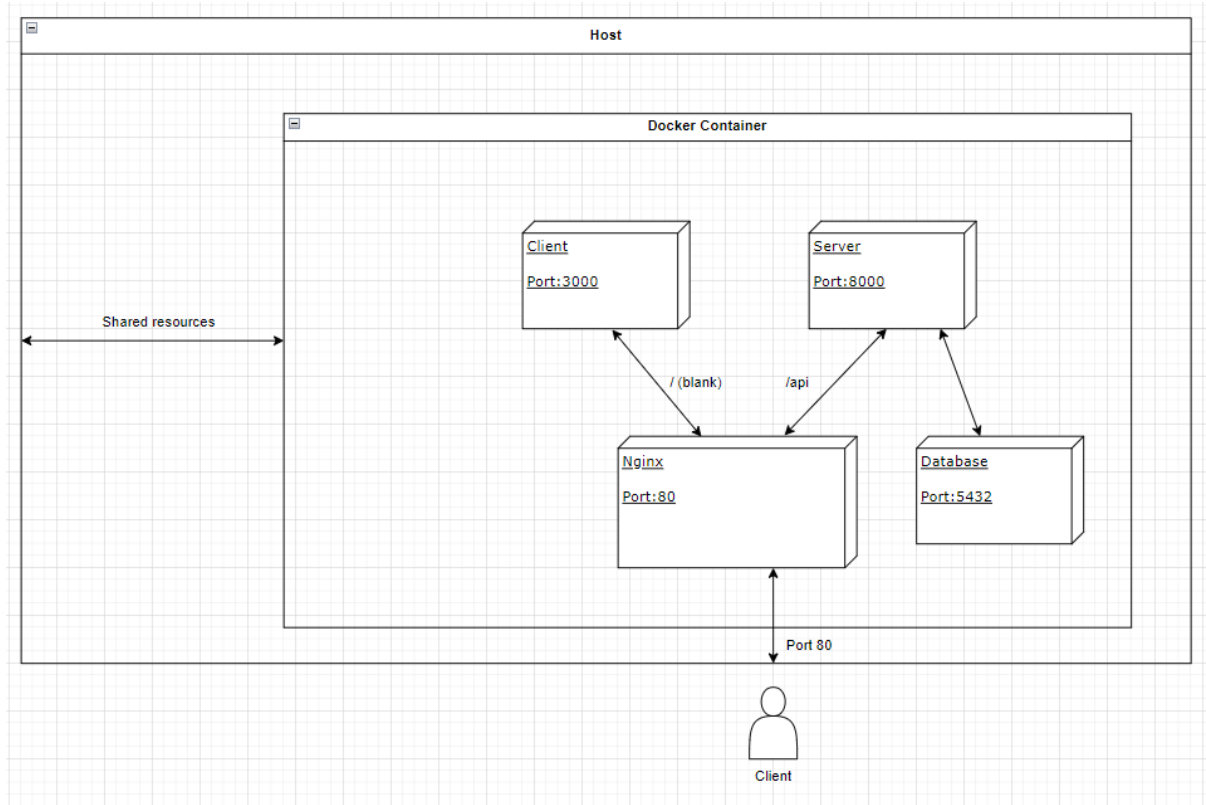


2. Database design



3. UML Deployment diagram

The deployment is done via Docker Container where the modules of our application can communicate and share resources. Those modules are the following: Client (Frontend), Server (Backend) and Postgres (Database)



4. Readme file

The instructions to run this application can be found in the Readme file in the application folder.