

Assignment 1

Project Overview:

The project is composed of three microservices responsible for managing users, devices, and an Nginx service serving the front-end application.

Microservice Architecture:

User Management Microservice:

This microservice handles user-related operations, including user registration, authentication, and profile management.

Utilizes RESTful APIs to handle user data and interactions.

Device Management Microservice:

This microservice is dedicated to managing devices, including device registration, status updates, and configuration changes

Front-End Microservice:

The front-end is developed using Angular, a powerful and widely used JavaScript framework for building dynamic web applications.

Each microservice has its own dedicated database, **users-database** and **devices-database**.



