Project Overview

This project is consisting of fundamental entities such as Employee, Request, Project, Action, and Branch. Each resource in the system is complemented by a controller, service, and repository for effective management and interaction.

An endpoint is provided for the initial registration of an administrator. It requires the admin data (full name , email) and a password which will be provided only to individuals with elevated privileges, such as superusers . During registration, the admin is assigned a unique ID and password. The password needs to be stored locally in a file, but for testing purposes of this project, it's in the application.properties file.

Role-based Access Control:

Access to individual endpoints for resource manipulation is determined by the role of the Employee. Different roles (e.g., Admin, Team Lead, Team Member, Network Manager) have varying levels of access and permissions within the system.

MySQL Schema:

A MySQL schema script is provided for creating the necessary database structure to support the application's functionality.

ER Diagram:

An Entity-Relationship (ER) diagram detailing the tables and relationships within the database is included. This diagram provides insight into how data is structured and related to each other.

The main endpoints are visible in a Postman collection that was used during testing: https://documenter.getpostman.com/view/26794118/2sA2r9UNPm