Block Diagram

Team Number:

HV_10

Team Members:

Andrew Deick
Andrew Yunt
Alex Domowicz
Jonathan Segal

Project Title:
Locampus

Design Description:

React Web Application

  The application website is built using react and next.js. The pages use redux to manage state throughout the application and uses react's page management to handle interactions through forms or any intractable objects. The front end is also using componitized rest api utilities to interact with the backend of the application through HTTP REST interfaces.
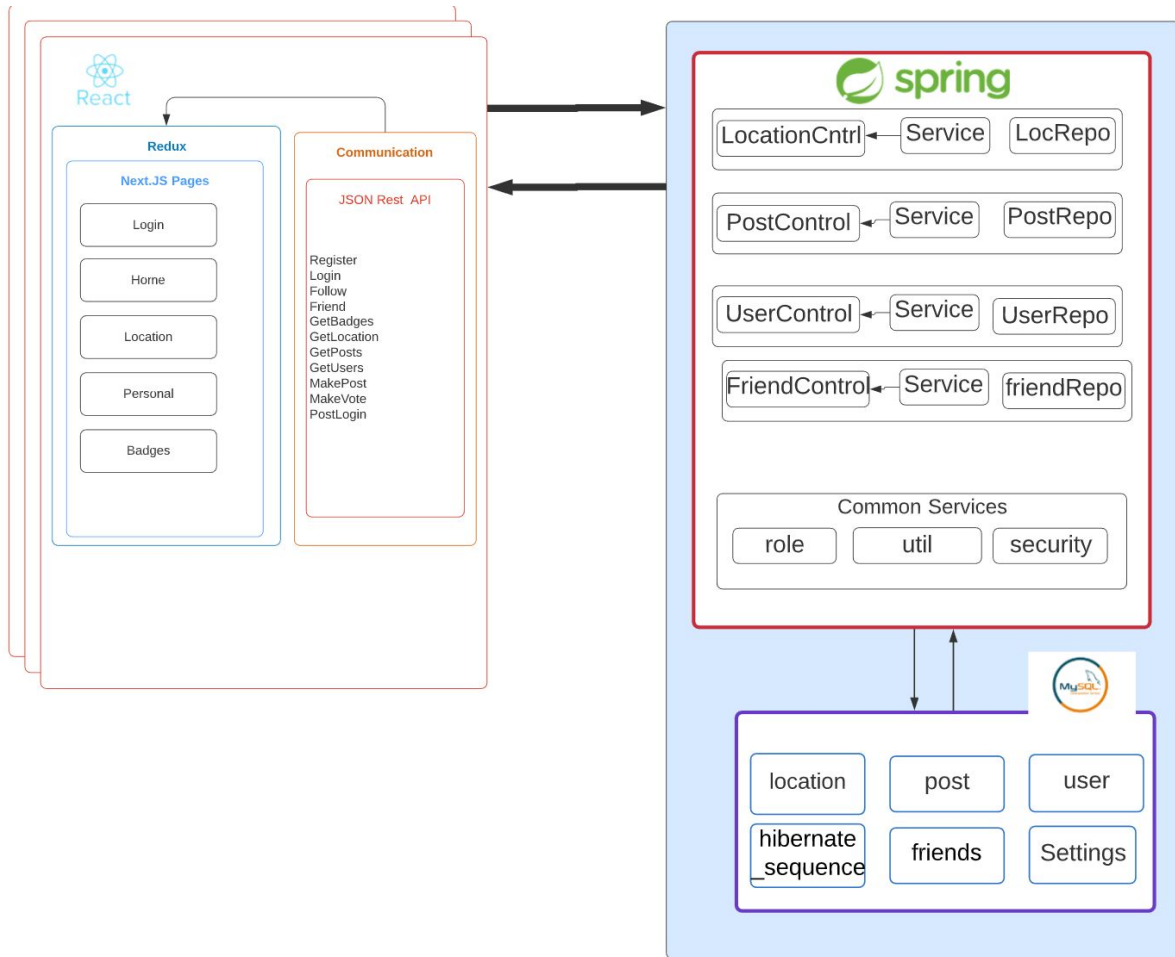
Communication

  For our applications communication we are using JSON Rest API. This will serve as a server interface which is a helper for server communication. This will be used for the register, login, and post new item elements.
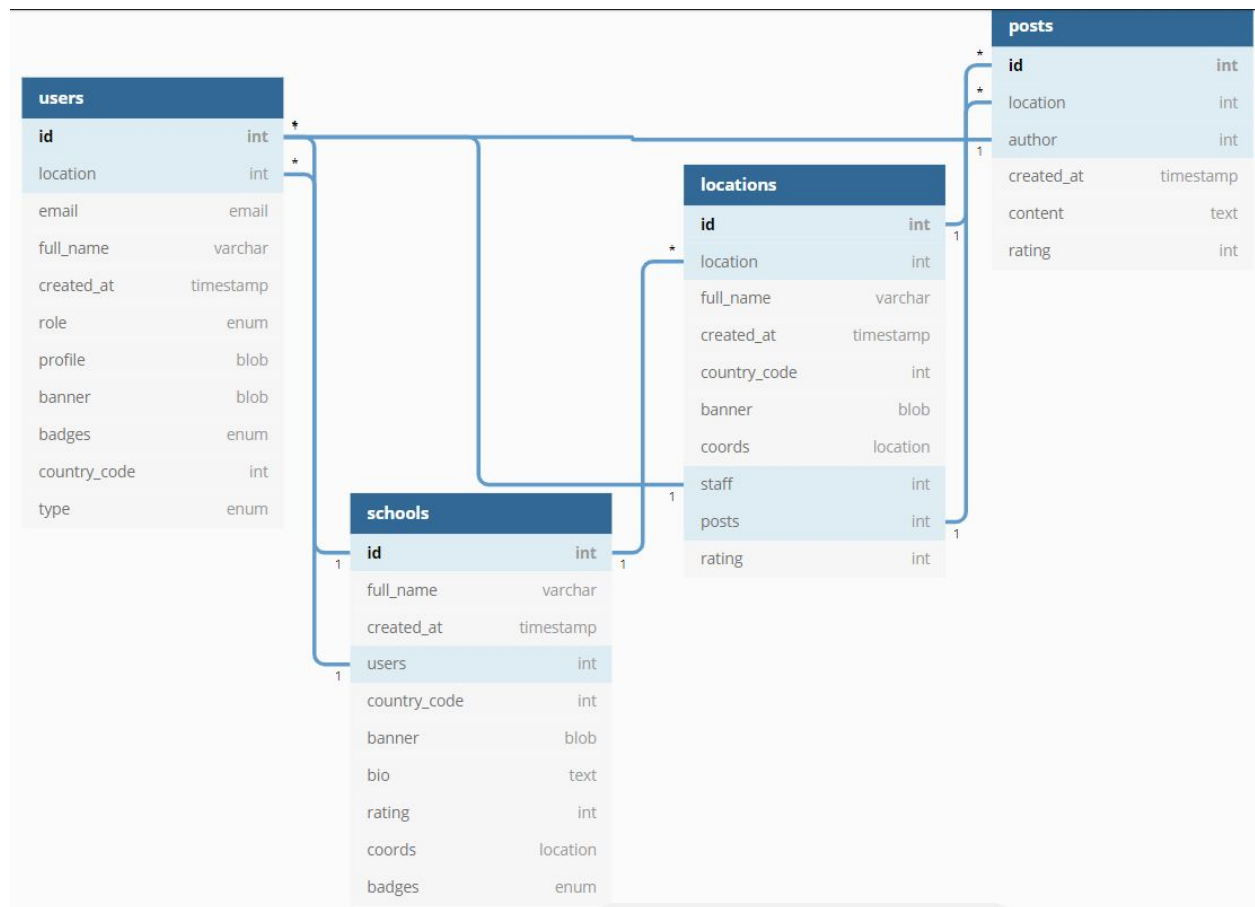
Springboot

  Our application will use spring for setting control which connects to service and also for setting report. We are using spring for common services as well.

MySQL

  Our application uses MySQL in our backend for our database. In our database we will store data for: subscription_tbl, friends_tbl, games, chat, friends, and settings.

React

Redux

Next.JS Pages

Login

Horne

Location

Personal

Badges

Communication

JSON Rest API

Register
Login
Follow
Friend
GetBadges
GetLocation
GetPosts
GetUsers
MakePost
MakeVote
PostLogin

spring

LocationCntrl ← Service | LocRepo

PostControl ← Service | PostRepo

UserControl ← Service | UserRepo

FriendControl ← Service | friendRepo

Common Services

role | util | security

MySQL

location | post | user

hibernate_sequence | friends | Settings

https://dbdiagram.io/d/5f5c402810a0a51c74d4b8af