DOCONNECT

CAPSTONE PROJECT

BATCH C3

GROUP 1

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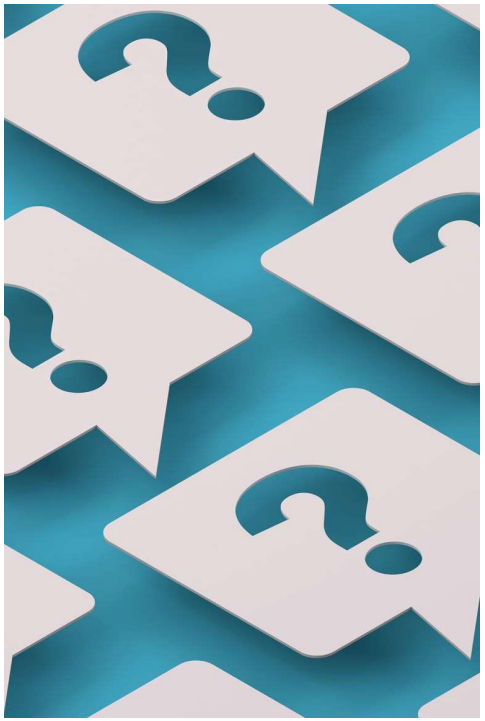
Problem Statement

- DoConnect is a popular Q and A form in which technical questions were asked and answered. For the application there are two types of users
- 1. User
- 2. Admin



Introduction

- DoConnect is a popular Q n A site for professional and enthusiast technologist in which techniques questions were asked and answered. There are many websites where people can ask and answer their questions like Stack Overflow, Quora, AskDev etc. DoConnect features questions and answers on a wide range of topics in computer programming. In this project we created a website to provide all the services to the users through online.
- There are 2 users in this application:
- 1. User
- 2.Admin

Objective

- The main Objective of the project DoConnect is to create a simple Online platform where users can find answers for their questions with the expert's approval.

Software Requirements

- **Technologies and Languages Technologies:**
  - Angular
  - Spring Boot
- **IDE:**
  - Visual Studio Code
  - Spring Tool Suite
  - MySQL Workbench
  - Eclipse

- **Languages:**
  - TypeScript
  - Java
  - SQL

Hardware Requirements

Operating System : Windows 7/8/10/11 OR MacOS X .

Processor : Intel or AMD dual core x86 processor.

RAM : 2GB or more.

Hard disk: 500MB free space or more.

Angular Architecture

There are main eight blocks of Angular:

- Module
- Component
- Metadata
- Template
- Data Binding
- Service
- Directive
- Dependency Injection

Spring Boot Architecture

The Spring Boot consists of the following four layers:

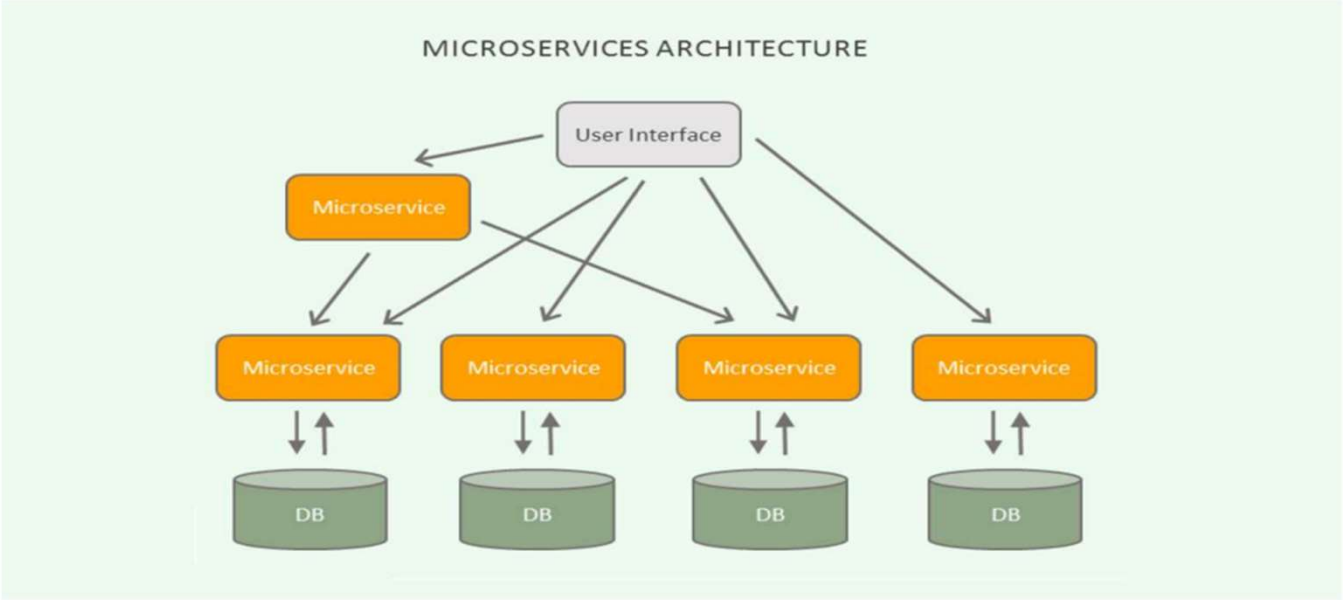
Presentation Layer: Authentication and JSON Translation.

Business Layer : Business Logic, Validation and Authorization.

Persistence Layer : Storage Logic.

Database Layer: Actual Database.

Micro service Architecture

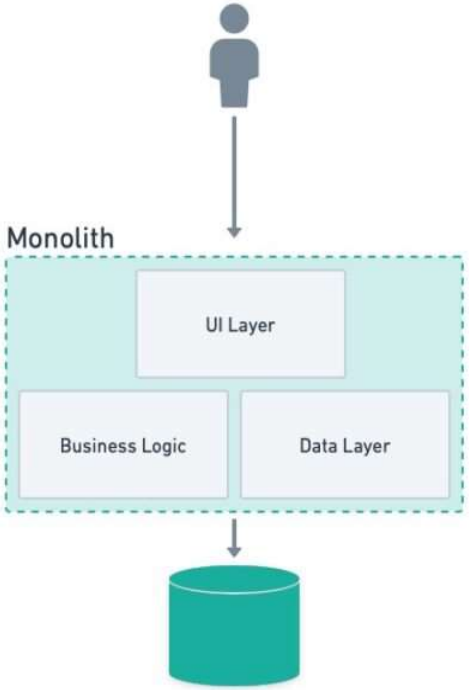


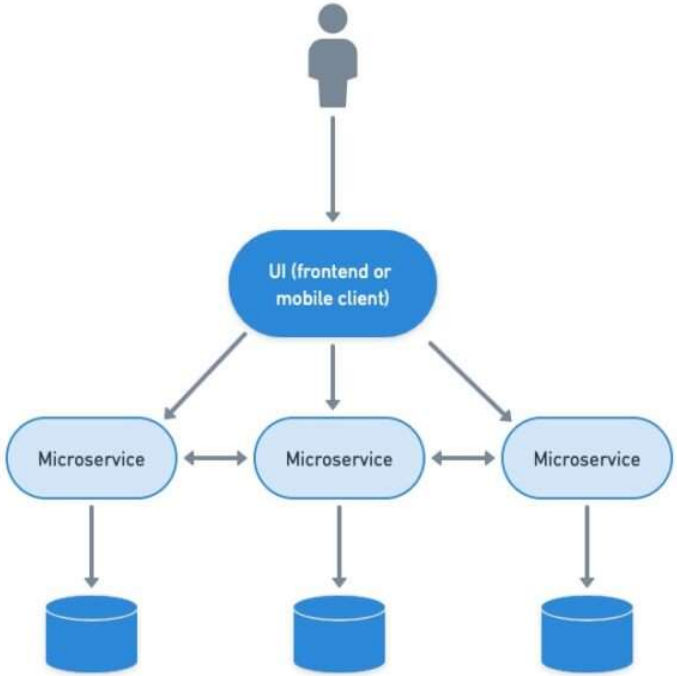
Micro service Architecture

Typically, microservices are used to speed up application development.

Microservices architecture built using Java are common, especially Spring Boot ones.

❖ Data Base Architecture





Database Structure

Entities include in the database:

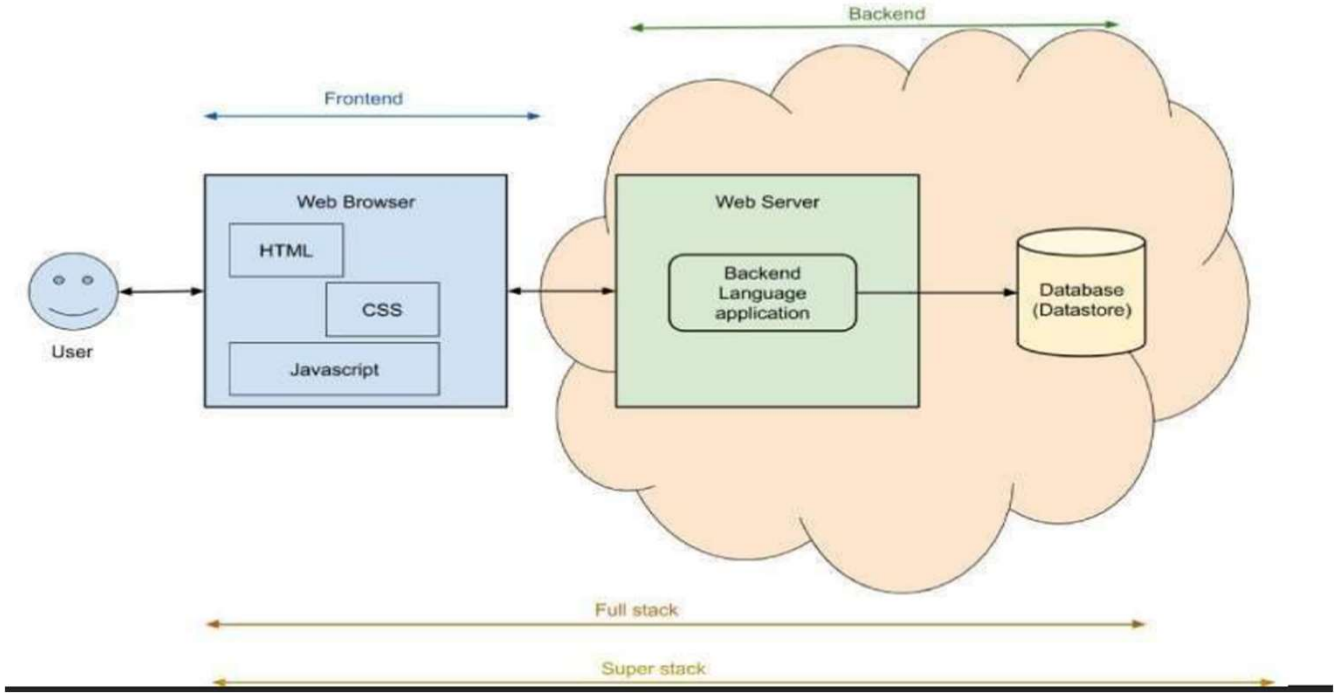
User

Admin

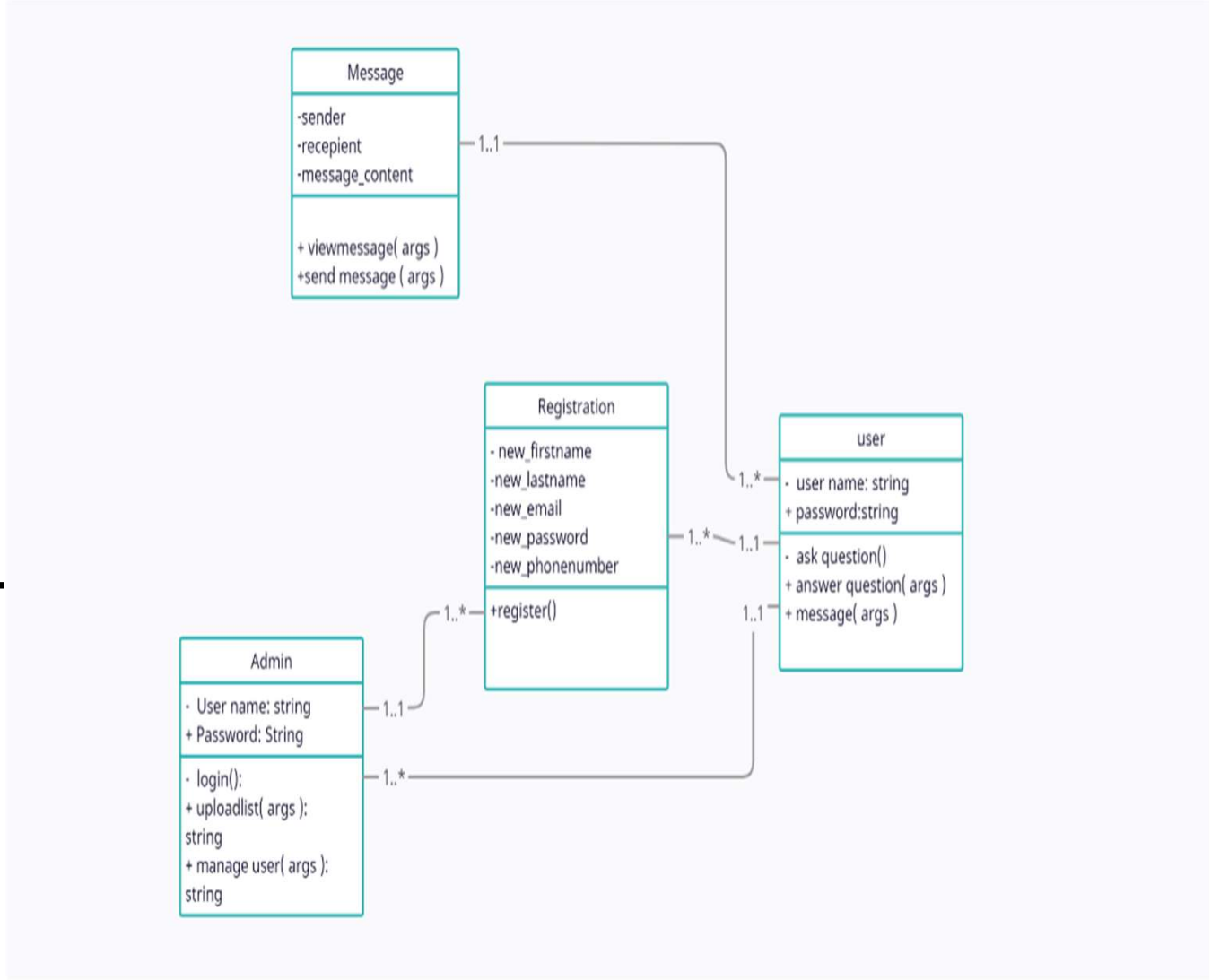
Question

Answer

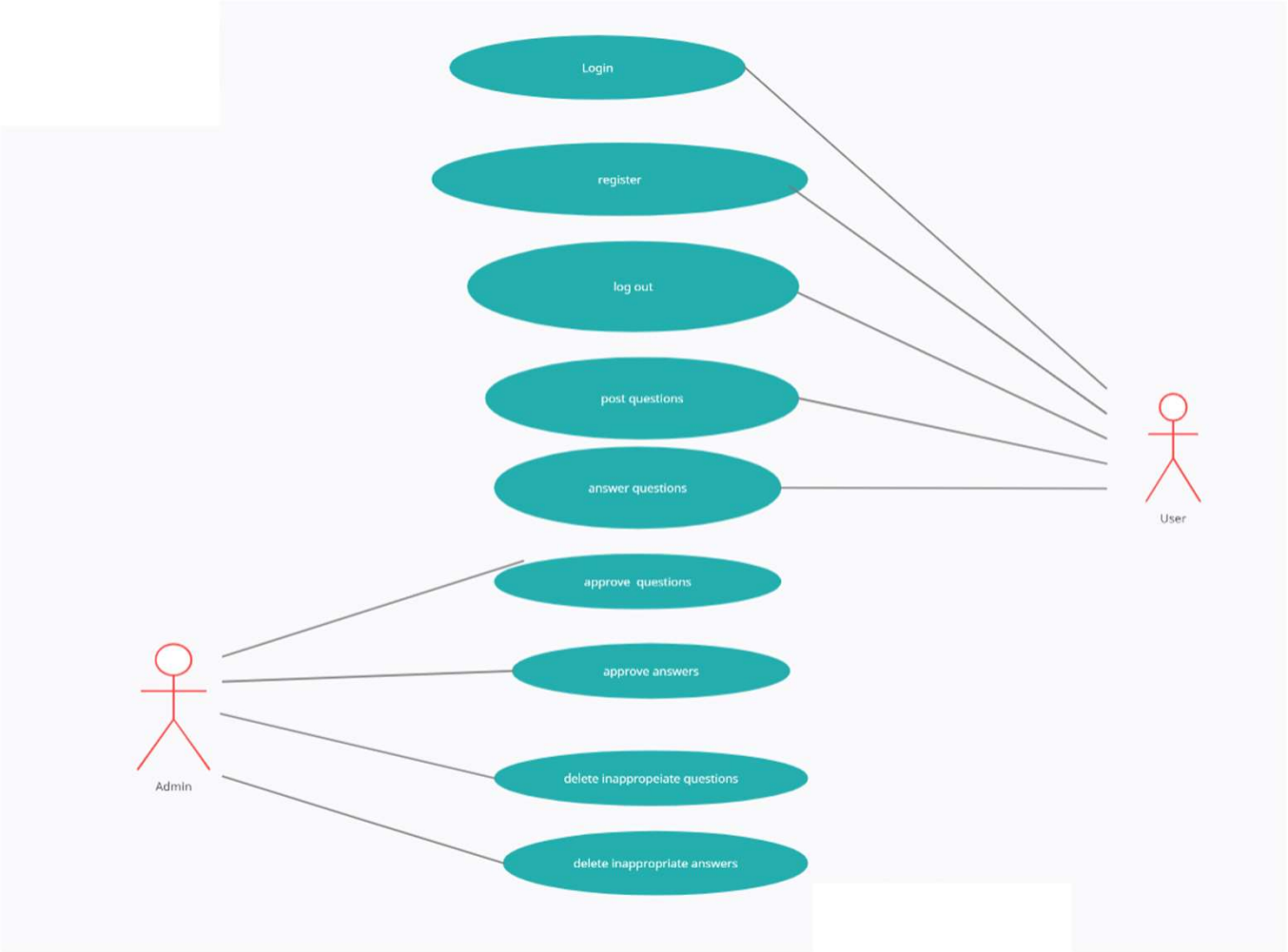
❖ Total Project View



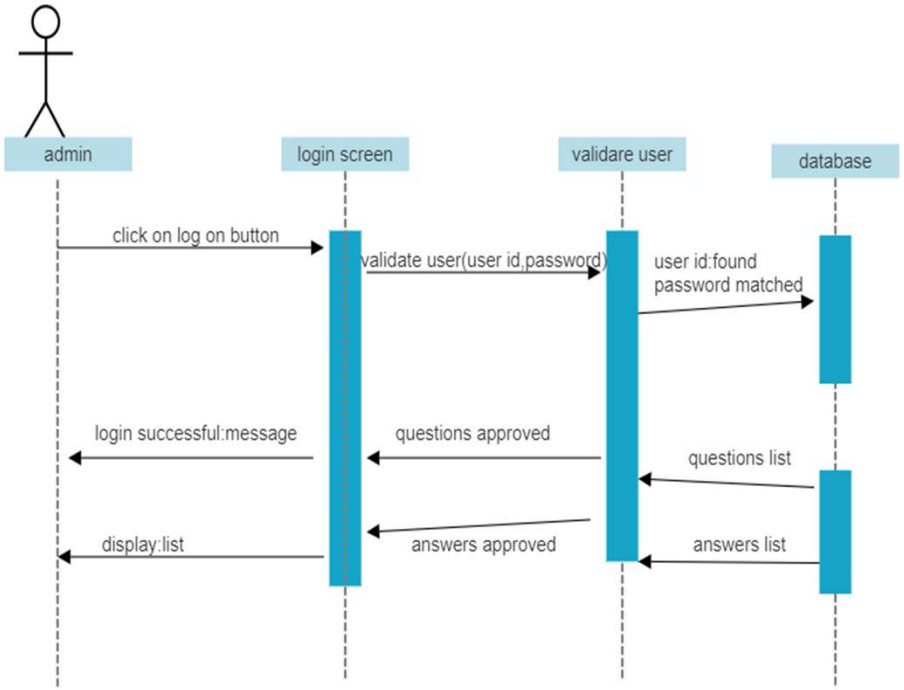
Class Diagram



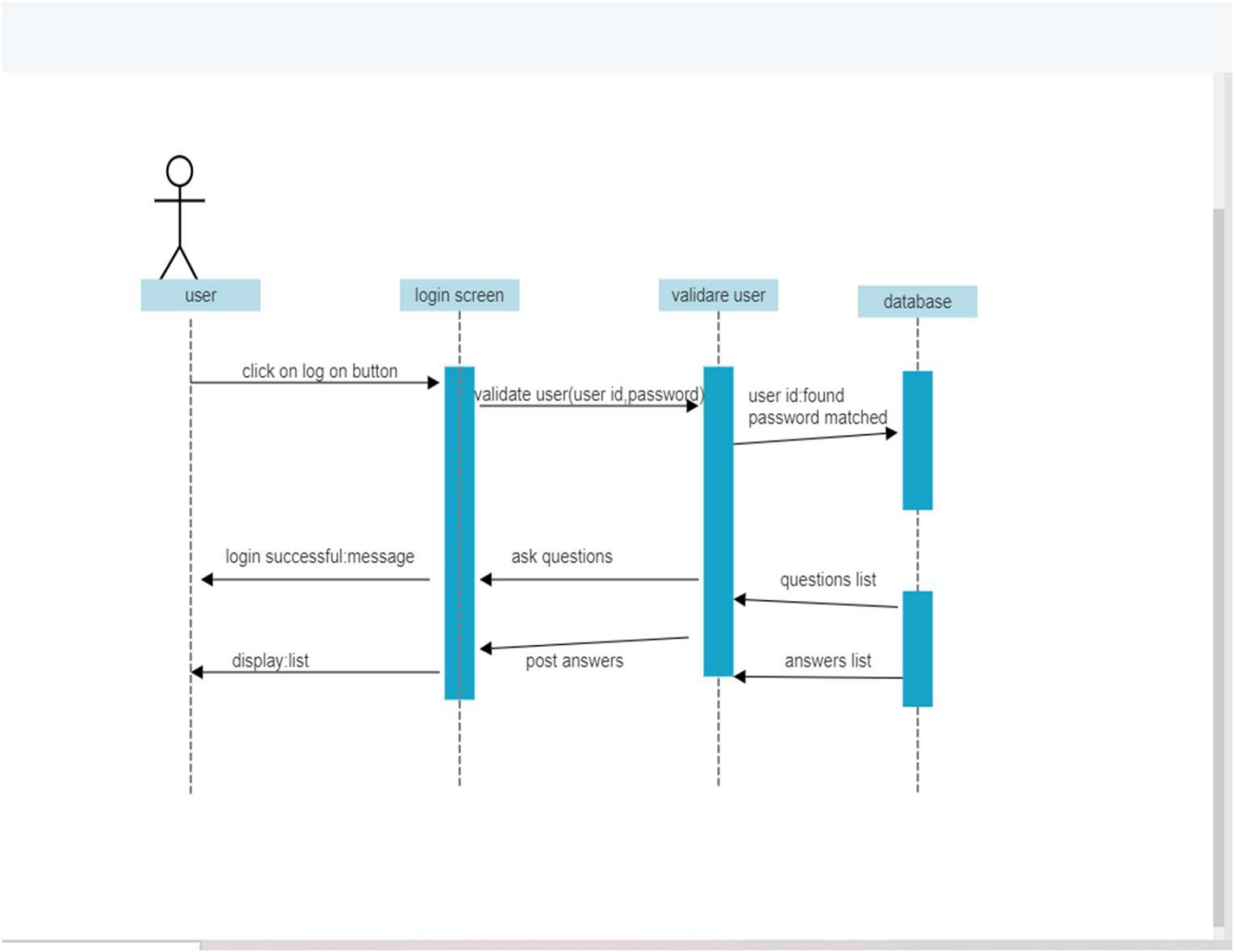
❖ USER CASE DIAGRAM



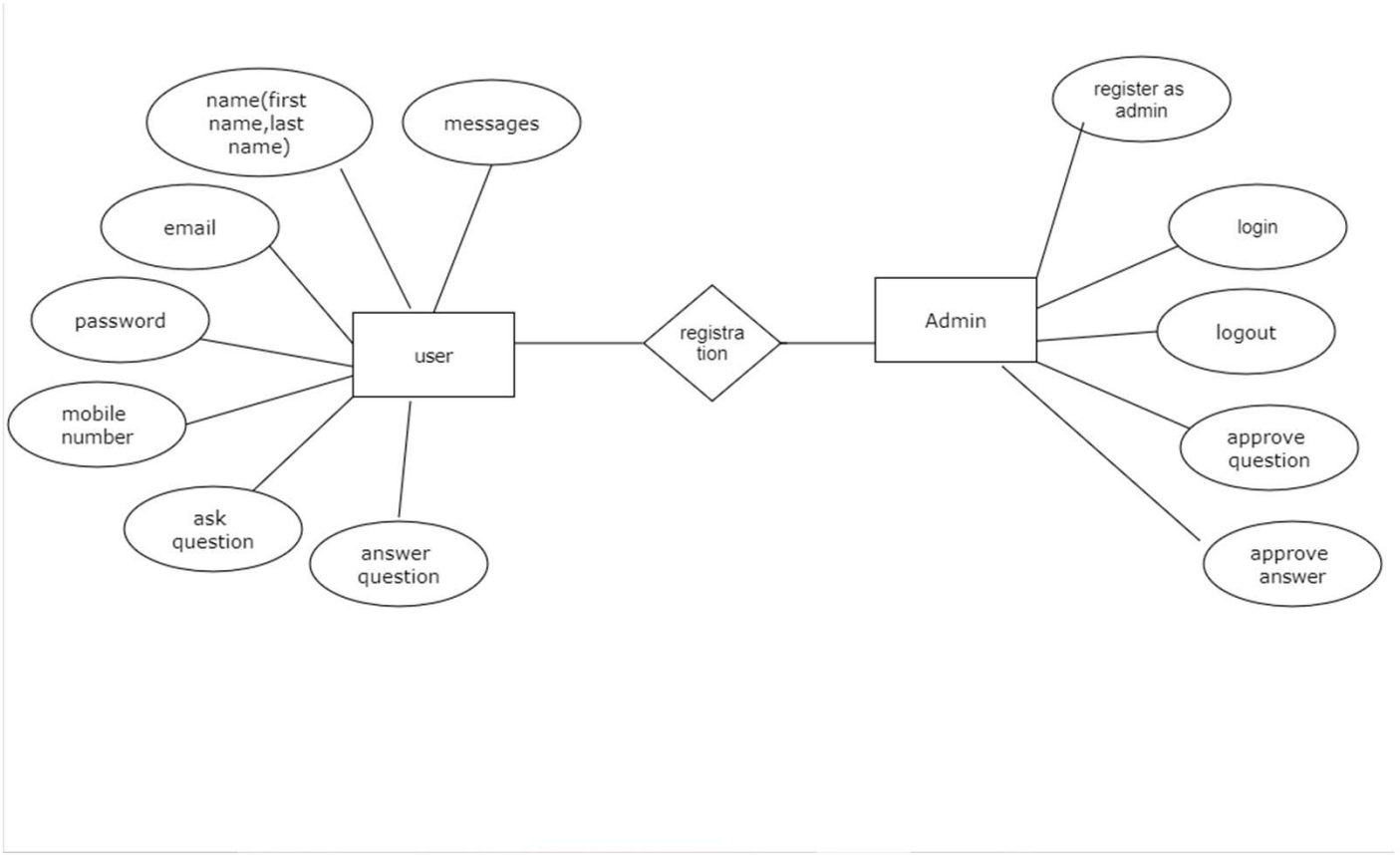
❖ Admin Sequence Diagram



❖ User Sequence Diagram

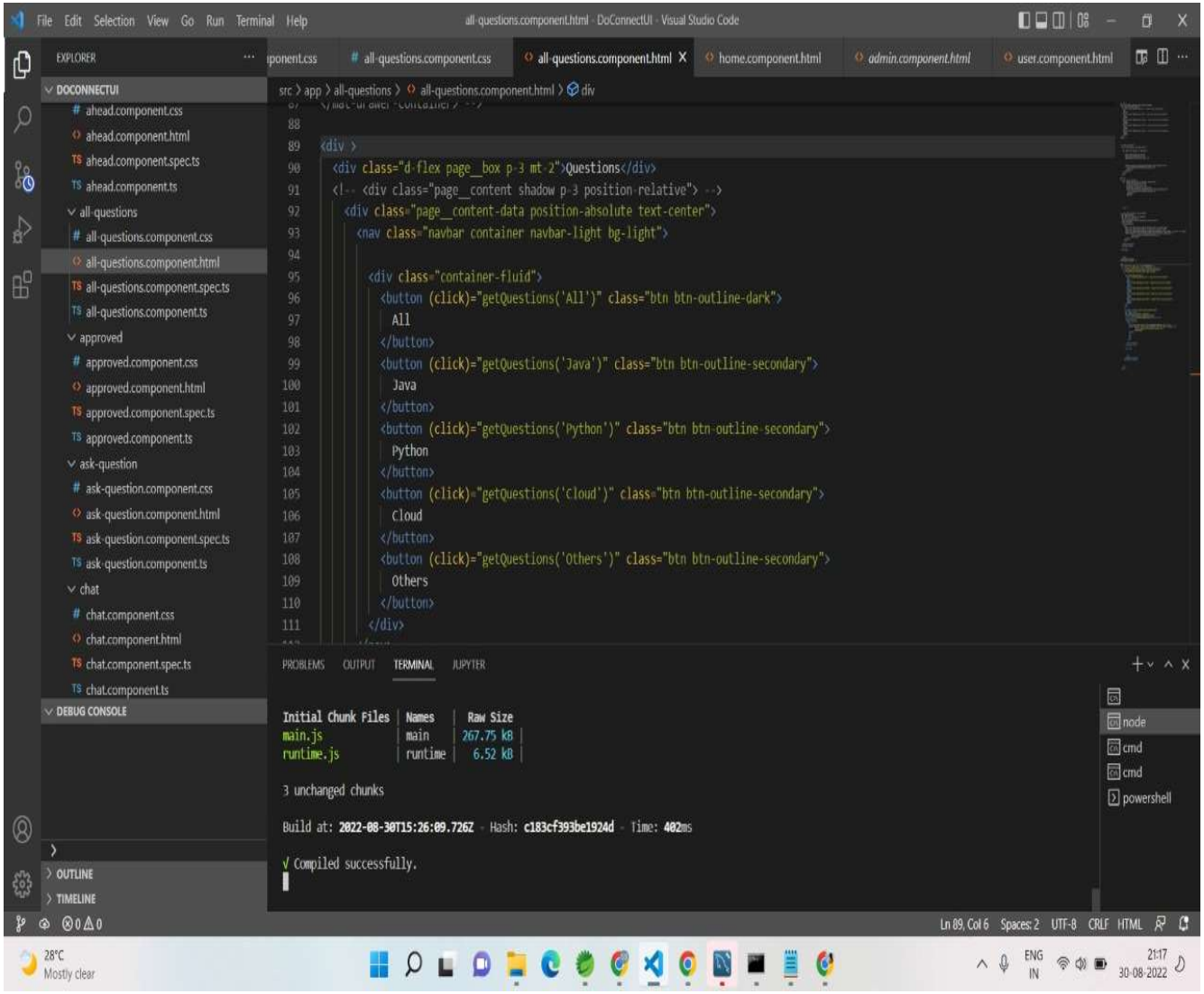


ER Diagram

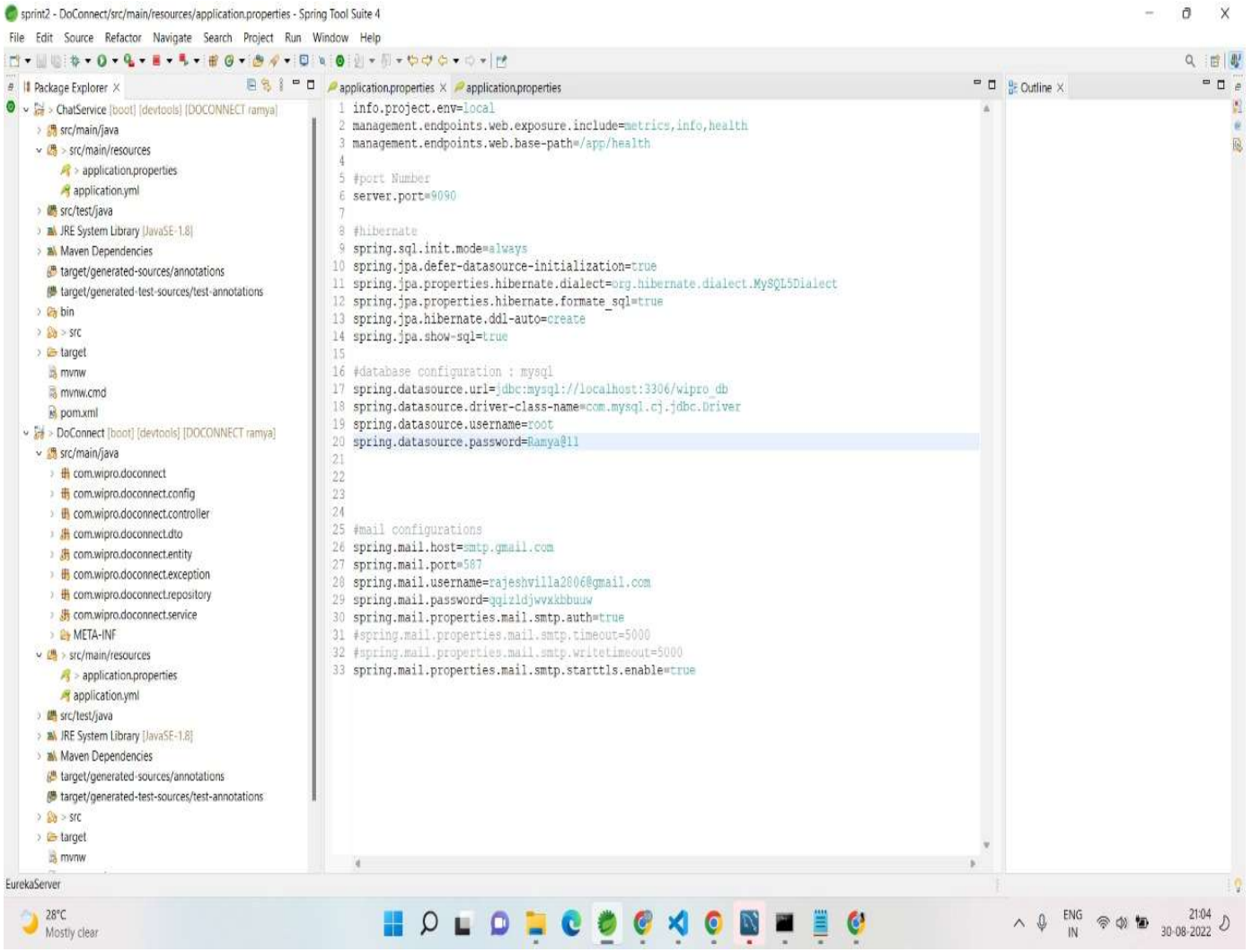

name(first name,last name)
messages
email
password
mobile number
ask question
answer question
user
registra tion
Admin
register as admin
login
logout
approve question
approve answer

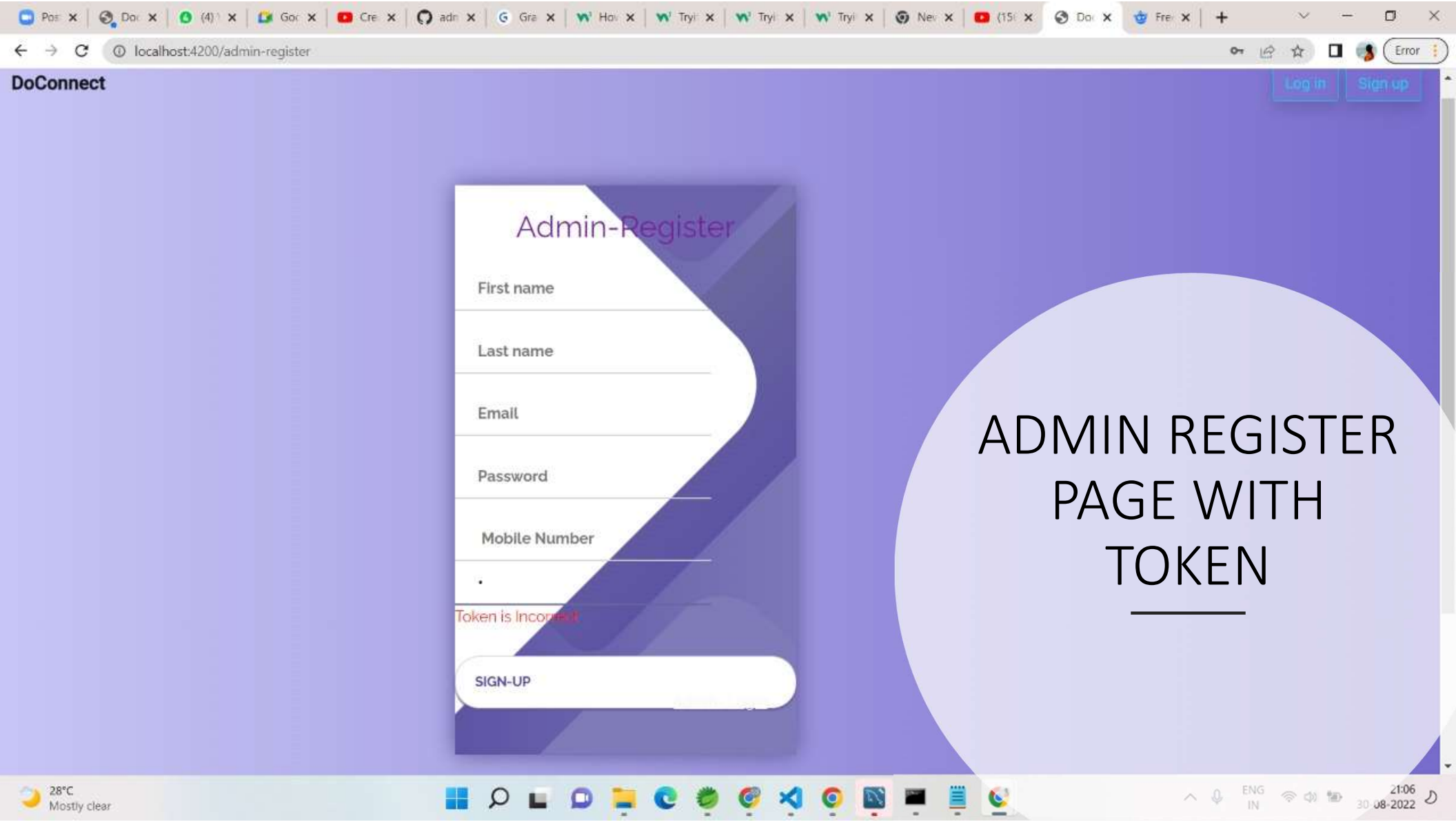
FRONTEND CODE

PROJECT SCREENSHOTS

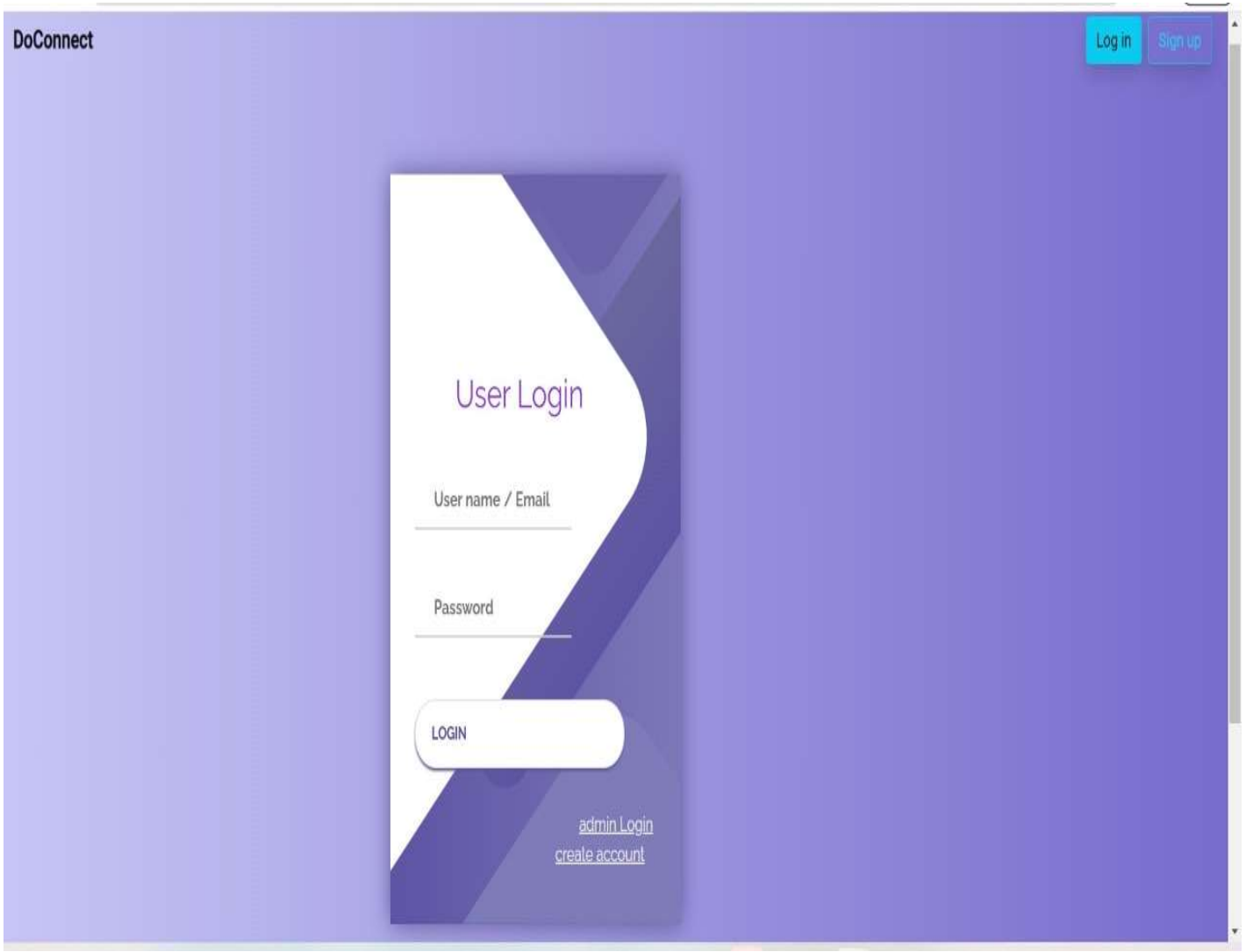


BACKEND CODE

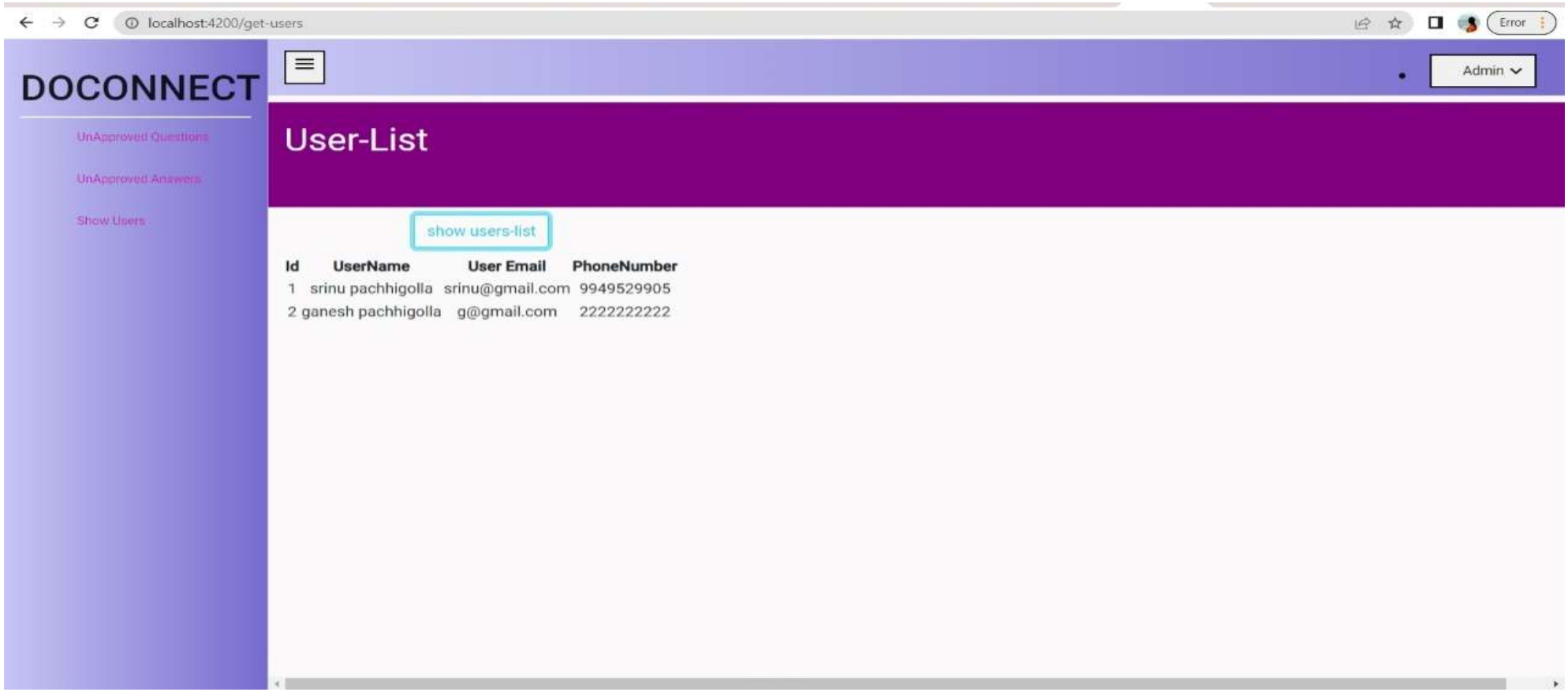



localhost:4200/admin-register
DoConnect
Log in
Sign up
Admin-Register
First name
Last name
Email
Password
Mobile Number
Token is Incorrect
SIGN-UP
ADMIN REGISTER PAGE WITH TOKEN
28°C
Mostly clear

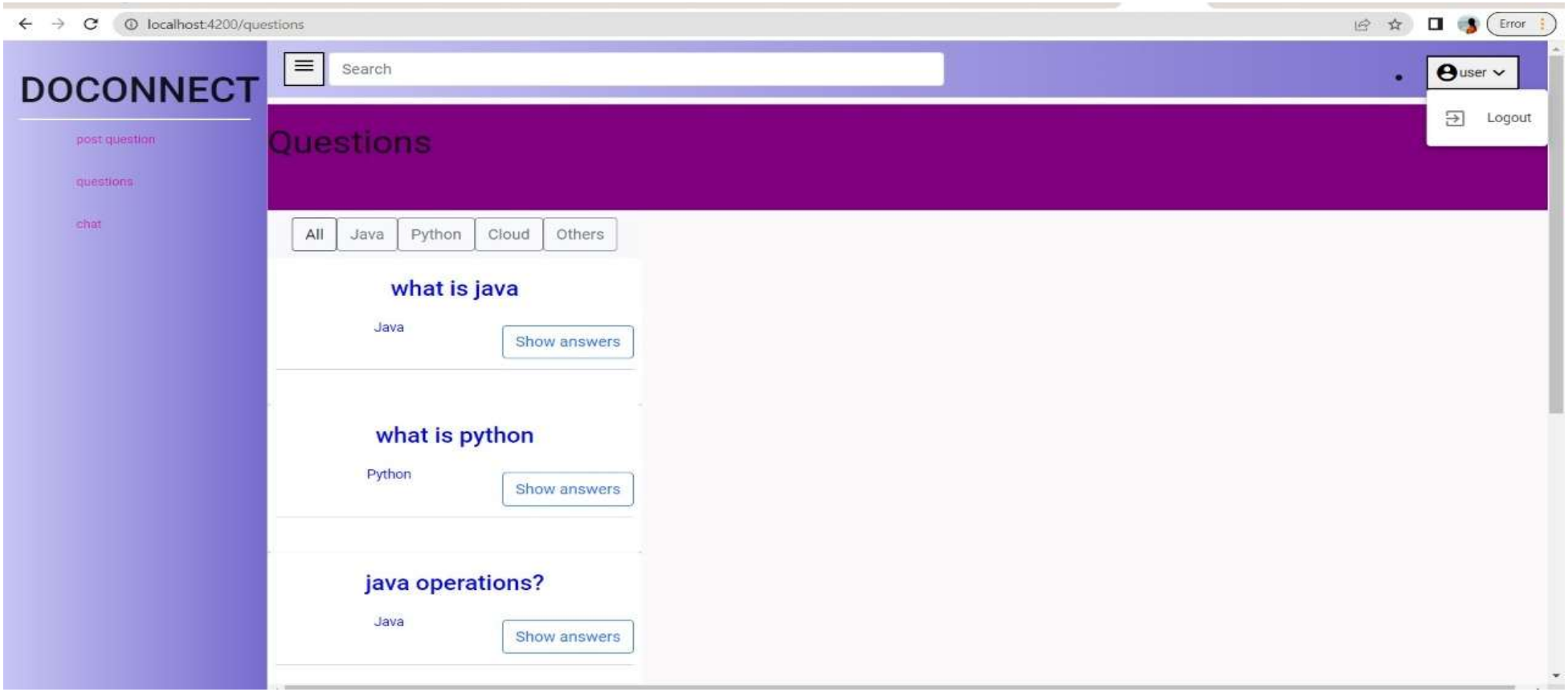
USER LOGIN


DoConnect
Log in
Sign up
User Login
User name / Email
Password
LOGIN
admin Login
create account

ADMIN DASHBOARD



USER DASHBOARD



Thank you