



# 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

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- 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

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

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Processor : Intel or AMD dual core  
x86 processor.

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RAM : 2GB or more.

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Hard disk: 500MB free space or  
more.

The diagram features a dark gray background on the left with the text 'Angular Architecture' in white. To the right, a series of parallel lines in dark gray, light gray, and blue create a 3D effect, separating the title from a list of eight Angular blocks. Each block is separated by a thin horizontal line.

# Angular Architecture

There are main eight blocks of Angular:

Module

Component

Metadata

Template

Data Binding

Service

Directive

Dependency Injection



The diagram features a dark gray background on the left side, which contains the title 'Spring Boot Architecture' in white text. To the right of this background, there are several parallel diagonal lines in shades of blue and gray. Further to the right, the four layers of the Spring Boot architecture are listed, each separated by a horizontal line of a different color: orange, gray, yellow, and blue.

# Spring Boot Architecture

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The Spring Boot consists of the following four layers:

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Presentation Layer: Authentication and JSON Translation.

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Business Layer : Business Logic, Validation and Authorization.

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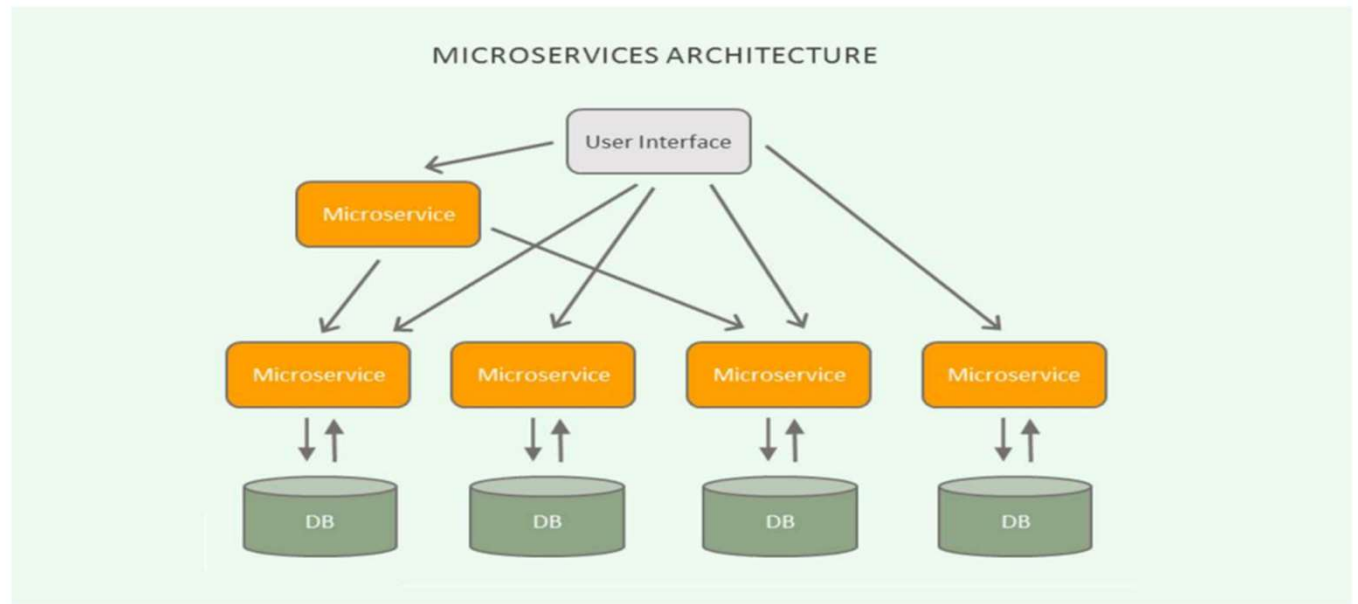
Persistence Layer : Storage Logic.

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Database Layer: Actual Database.

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# Micro service Architecture



# Micro service Architecture

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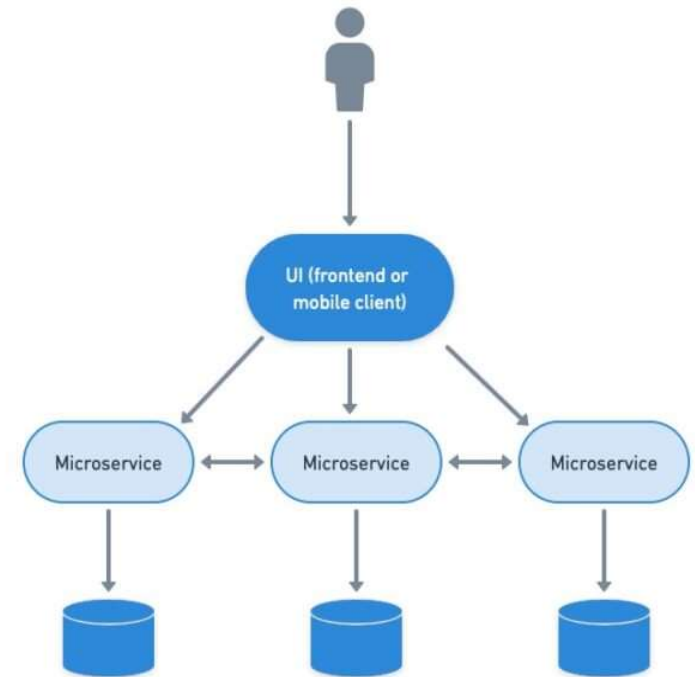
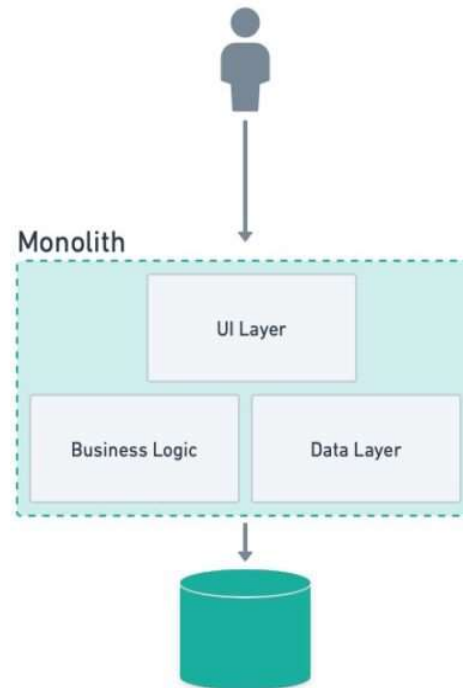



Typically, microservices are used to speed up application development.



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

# ❖ Data Base Architecture





# Database Structure

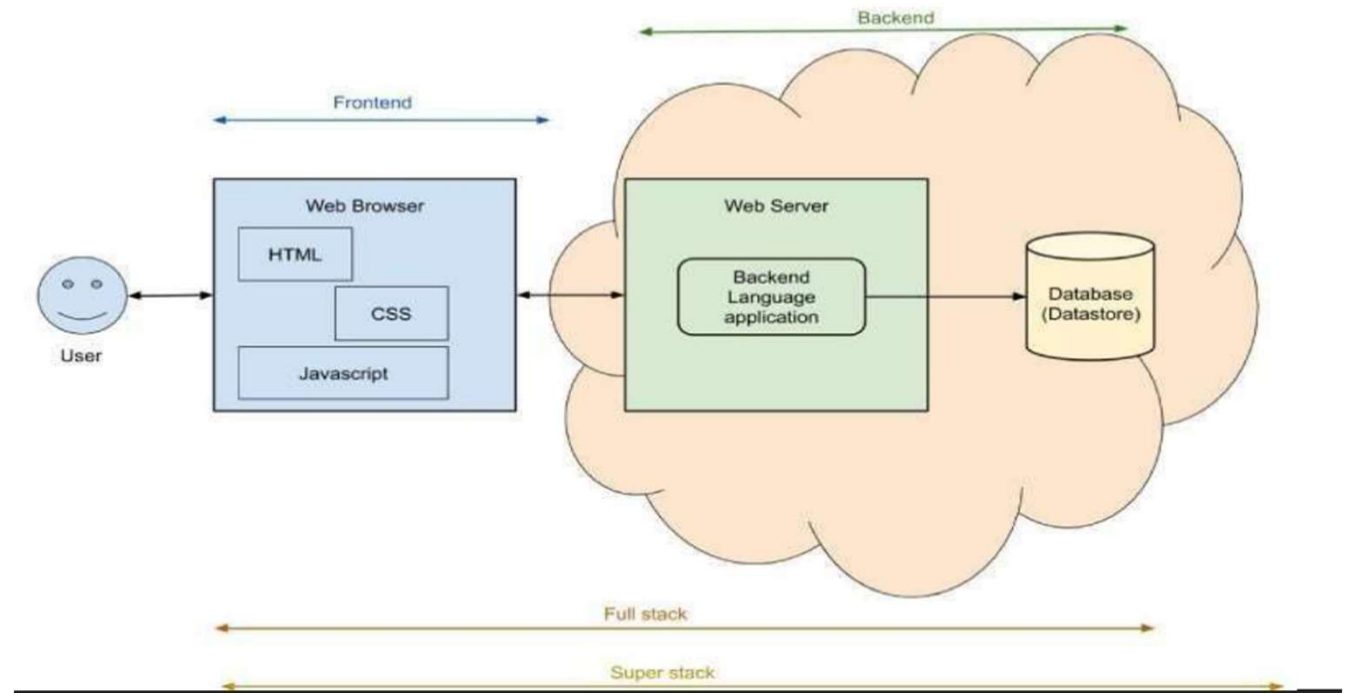


**Entities include in  
the database:**

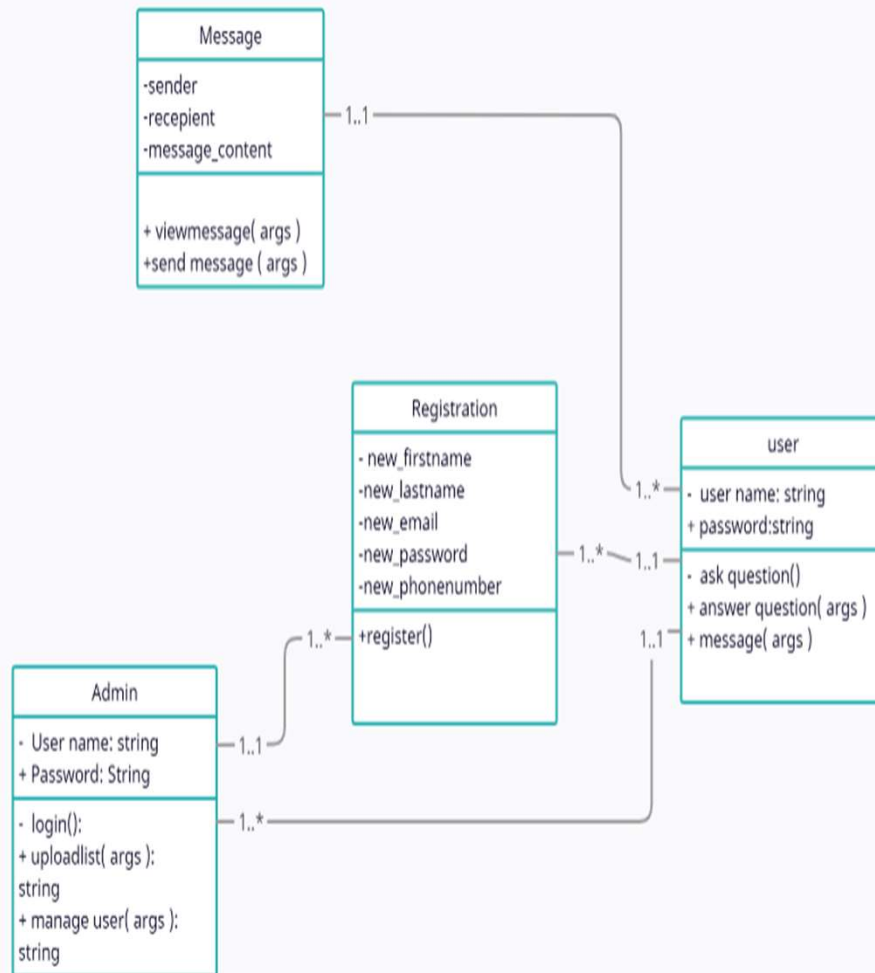
User  
Admin  
Question  
Answer

# ❖ Total Project View

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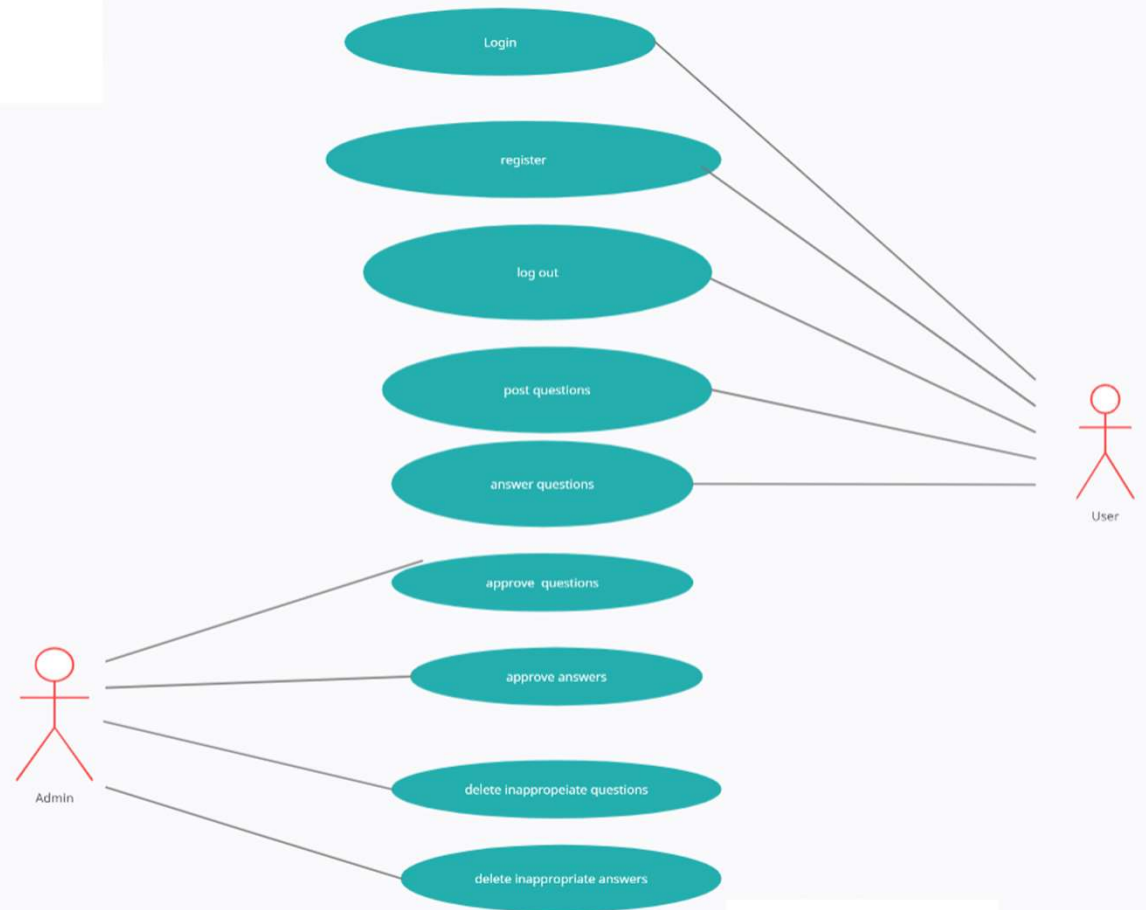


# Class Diagram



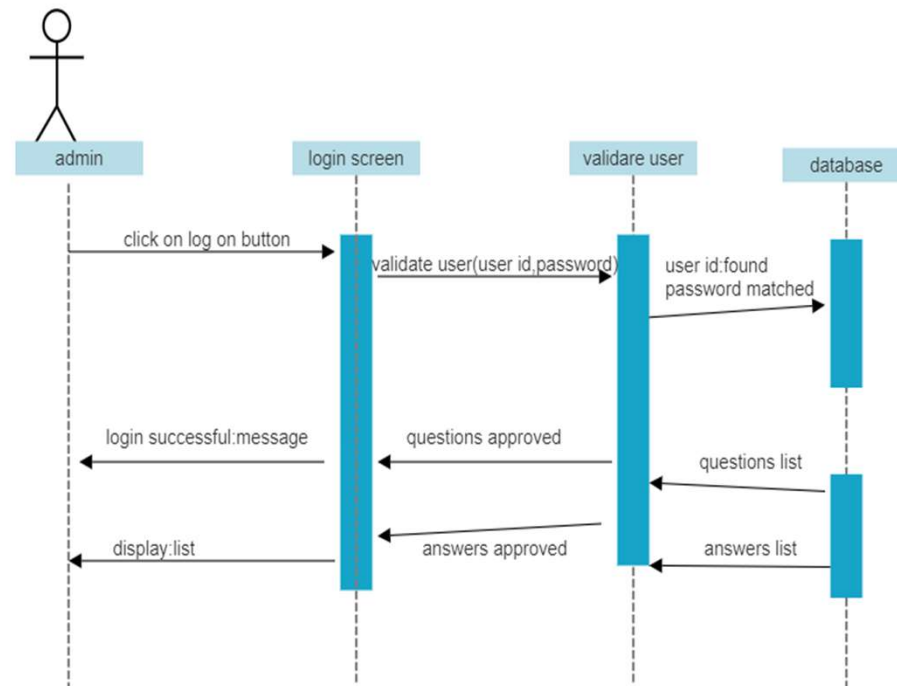


# USER CASE DIAGRAM

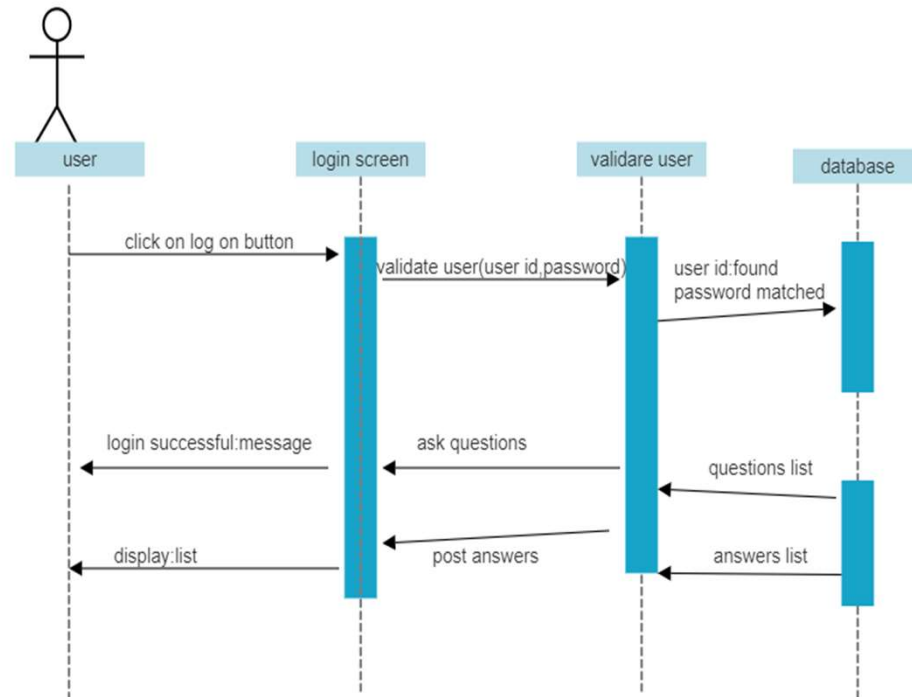




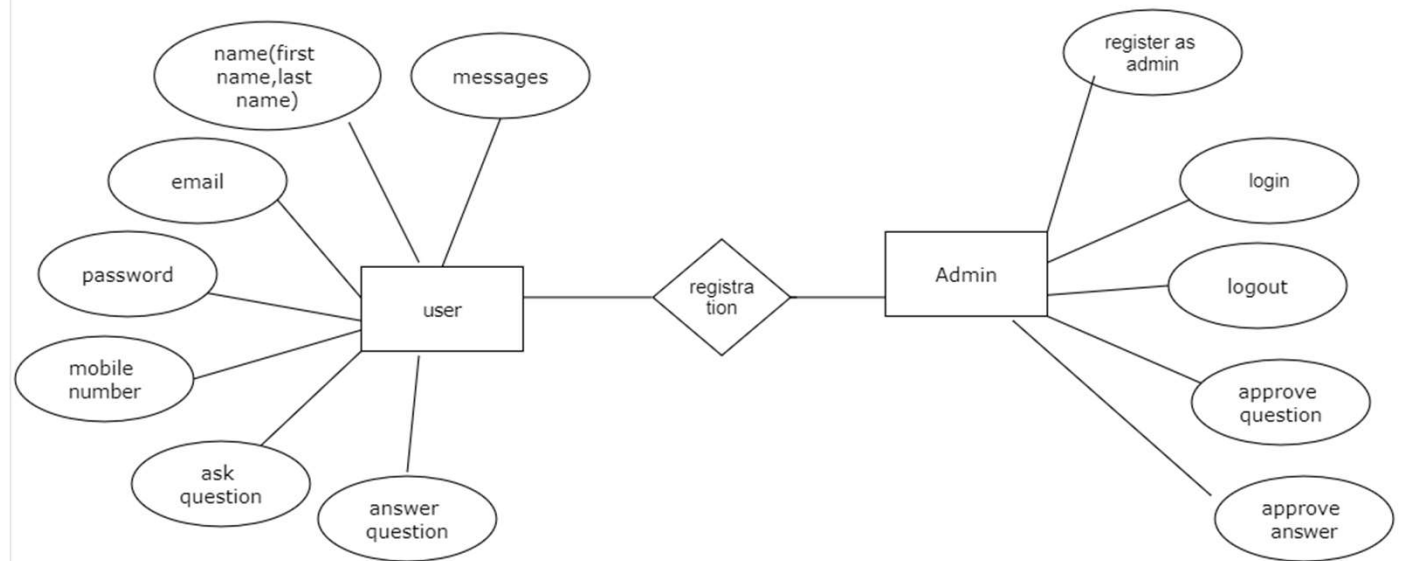
# ❖ Admin Sequence Diagram



# ❖ User Sequence Diagram

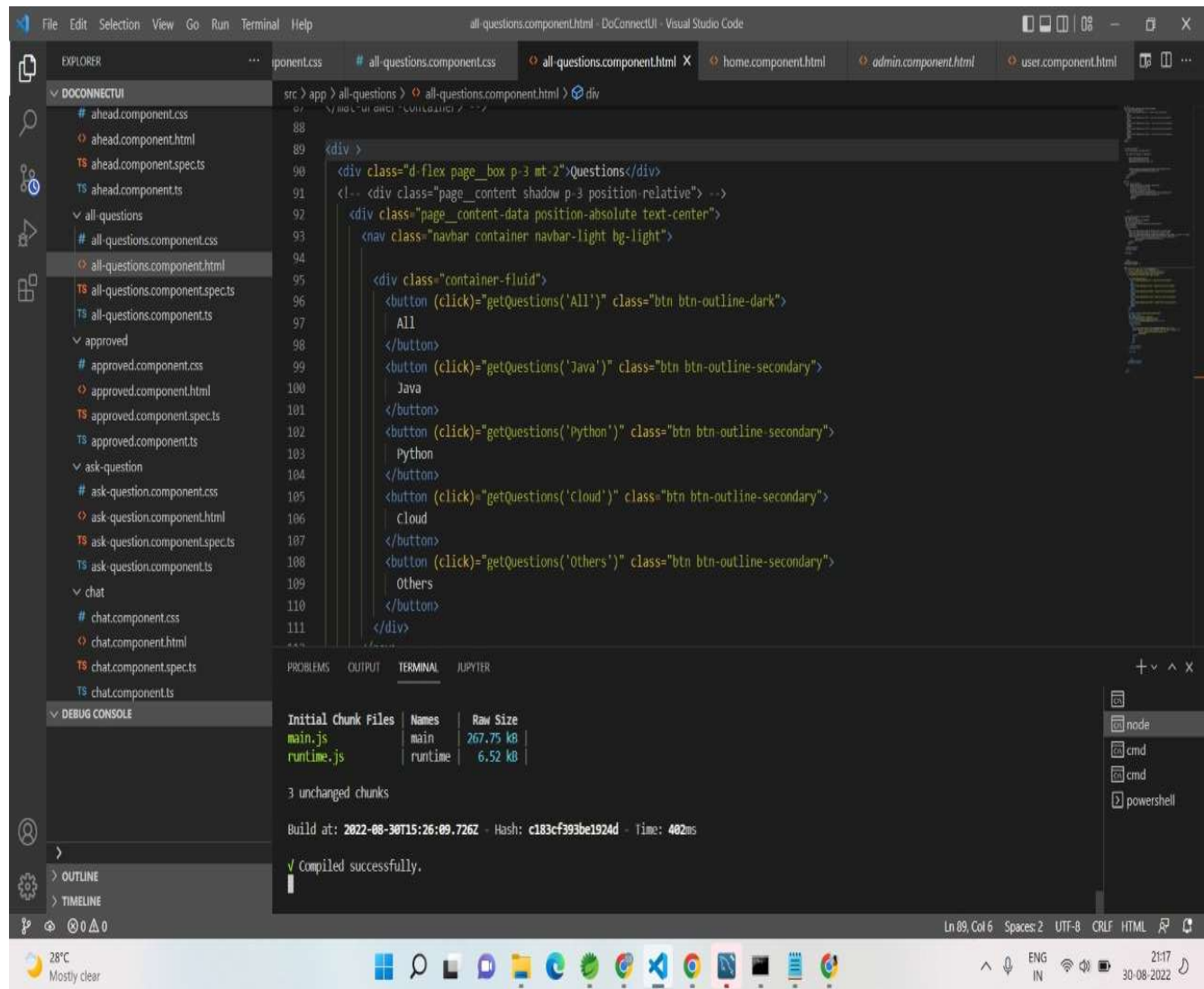


# ER Diagram



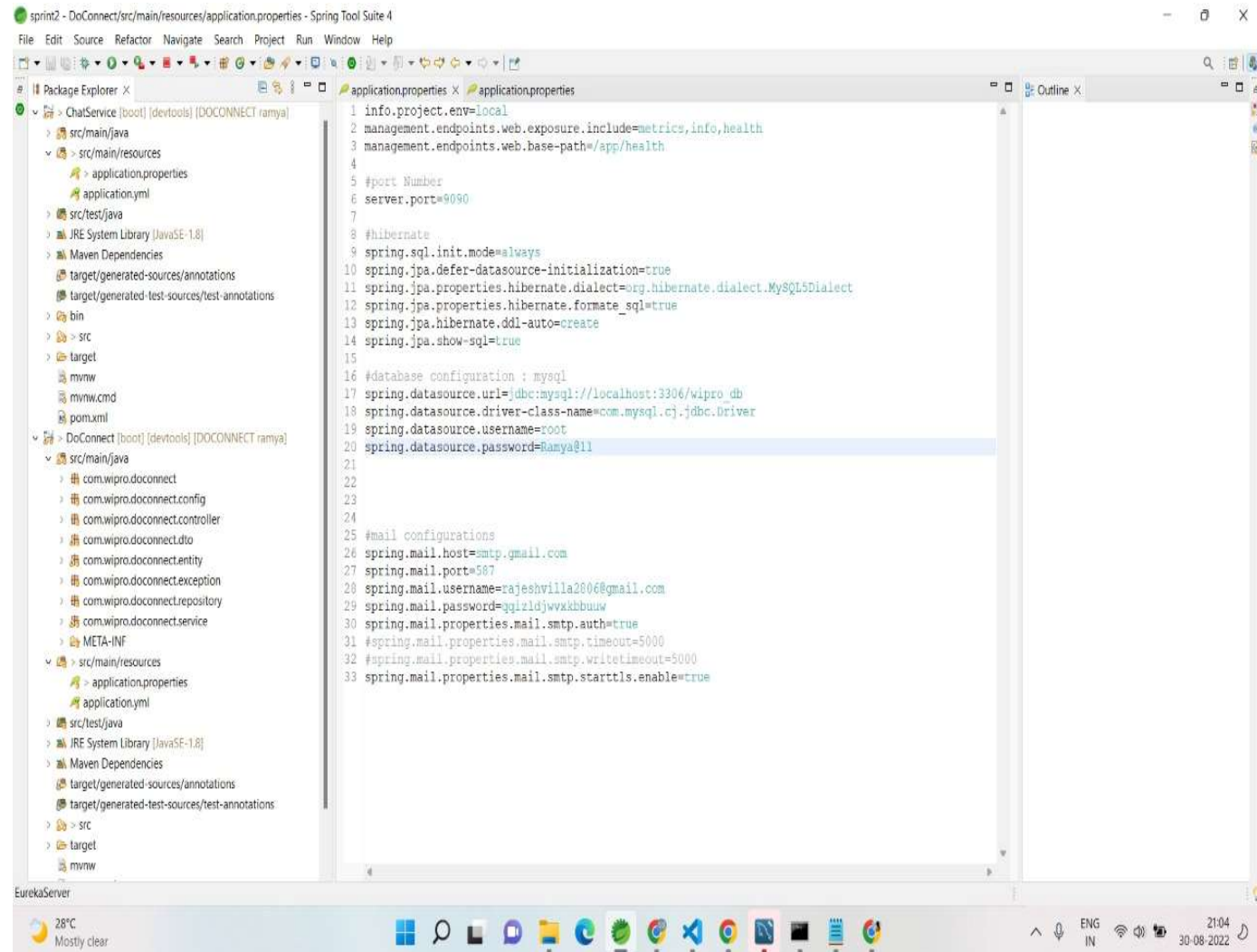
## FRONTEND CODE

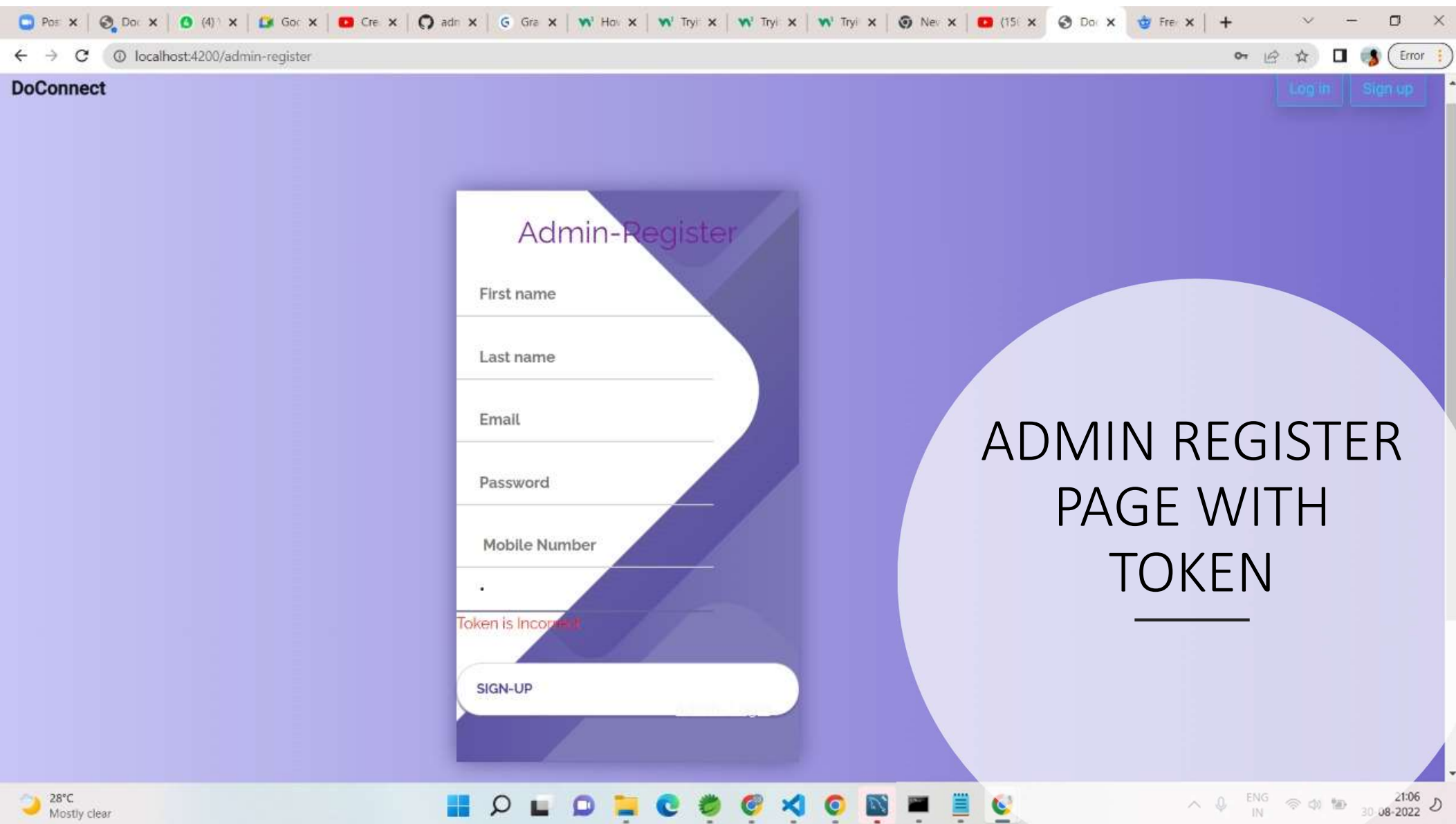
# PROJECT SCREENSHOTS



# BACKEND CODE

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# USER LOGIN

DoConnect

Log in Sign up

## User Login

User name / Email

Password

LOGIN

[admin Login](#)  
[create account](#)

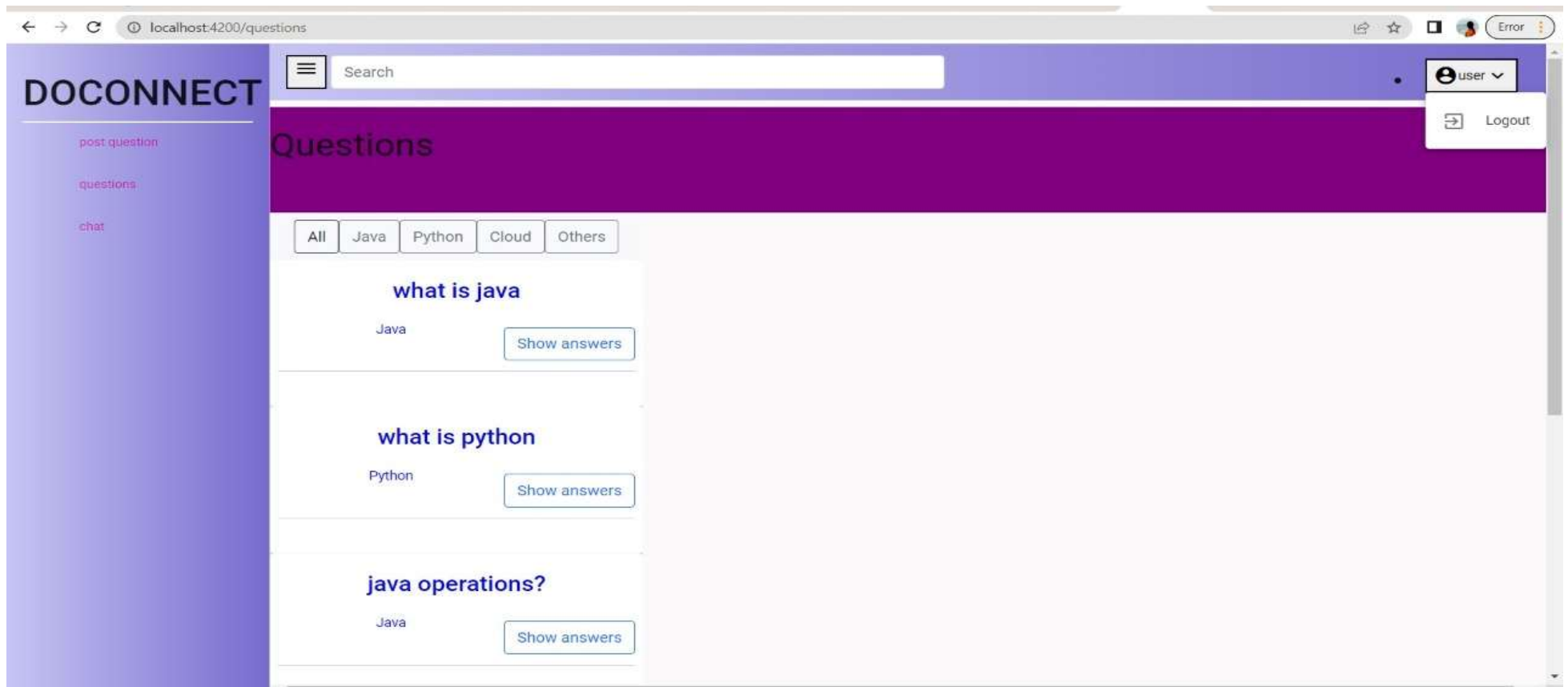
# ADMIN DASHBOARD

The screenshot shows a web browser at `localhost:4200/get-users`. The application is titled "DOCONNECT" and has a sidebar with links: "UnApproved Questions", "UnApproved Answers", and "Show Users". The main content area is titled "User-List" and features a "show users-list" button. Below the button is a table with user data.

Id	UserName	User Email	PhoneNumber
1	srinu pachhigolla	srinu@gmail.com	9949529905
2	ganesh pachhigolla	g@gmail.com	2222222222



# USER DASHBOARD



Thank you

