

DoConnect

A PROJECT REPORT

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in partial fulfillment for the internship in

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Under the guidance of

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GREAT LEARNING

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ABSTRACT

A Q and A application is a platform where you can ask questions to get answers from a sizable community of users. The community often includes experts who are willing to reply to your question with helpful, and sometimes very detailed information. It helps us to carry on a discussion about any topic. It also serves as a knowledge repository driven by user-written topics. The main purpose of Q&A websites is to solve problems that are posted by different users under various topics like education, general knowledge, current affairs etc. The application can be useful to students, working professionals and all internet users. Some of the features that must be included in a Q and A applications are: user friendly, mobile friendly, simple home page, clear navigation, authentication, cover various topics, and also can chat with the other users etc. The Q and A application also helps in transferring knowledge from experts to other people. Our main objective is to create a full stack application named **DoConnect**. It is a popular Q and A form in which techniques questions was asked and answered.

TABLE OF CONTENTS

CHAPTER	CONTENT	PAGE NO
	ABSTRACT	3
1	INTRODUCTION	4
	1.1 GENERAL	4
	1.2 OBJECTIVE	4
2	DESCRIPTION	5
	2.1 USER MODULE	5
	2.2 ADMIN MODULE	5
3	SOFTWARE REQUIREMENTS	7
	3.1 FRONTEND	7
	3.2 BACKEND	7
4	IMPLEMENTATION	8
	4.1 FRONTEND	8
	4.1.1 PROJECT STRUCTURE	8
	4.1.2 TECHNOLOGIES USED	8
	4.1.3 EXECUTION	8
	4.2 BACKEND	9
	4.2.1 PROJECT STRUCTURE	9
	4.2.2 DEPENDENCIES USED	9
	4.2.3 EXECUTION	9
	4.3 MySQL	10
	4.3.1 TABLE STRUCTURE	10
5	OUTPUT	11
6	CONCLUSION	15

CHAPTER 1

INTRODUCTION

1.1 GENERAL:

DoConnect enables the users to post and answer questions under any topic. It acts like a discussion platform that helps people interact with each other. It also helps people to enhance their knowledge on various topics. The application is managed by the admin who approves/deletes the questions and answers. There are 2 users on the application: -

1. User
2. Admin

1.2 OBJECTIVE:

Our main objective is to create a full stack application named **DoConnect**. It is a popular Q and A form in which techniques questions was asked and answered.

CHAPTER 2

DESCRIPTION

2.1 USER MODULE:

As a User:

- I should be able to login, Logout and Register into the application.
- I should be able to ask any question under any topic.
- I should be able to search the question on any string written in search box.
- I should be able to Answer any question asked.
- I should be able to answer more than one question and more than one time.
- I should be able to chat with other users.

2.2 ADMIN MODULE:

As an Admin:

- I should be able to login, Logout and Register into the application.
- I should be able to get mail as soon as any new Question is asked or any answers given.
- I should be able to approve the question and answer. Any Question or answer will be visible on the platform only if it is approved.
- I should be able to delete inappropriate Questions or Answers.

CHAPTER 3

SOFTWARE REQUIREMENTS

3.1 FRONT END:

- Visual studio
- Angular
- Bootstrap
- HTML

3.2 BACKEND:

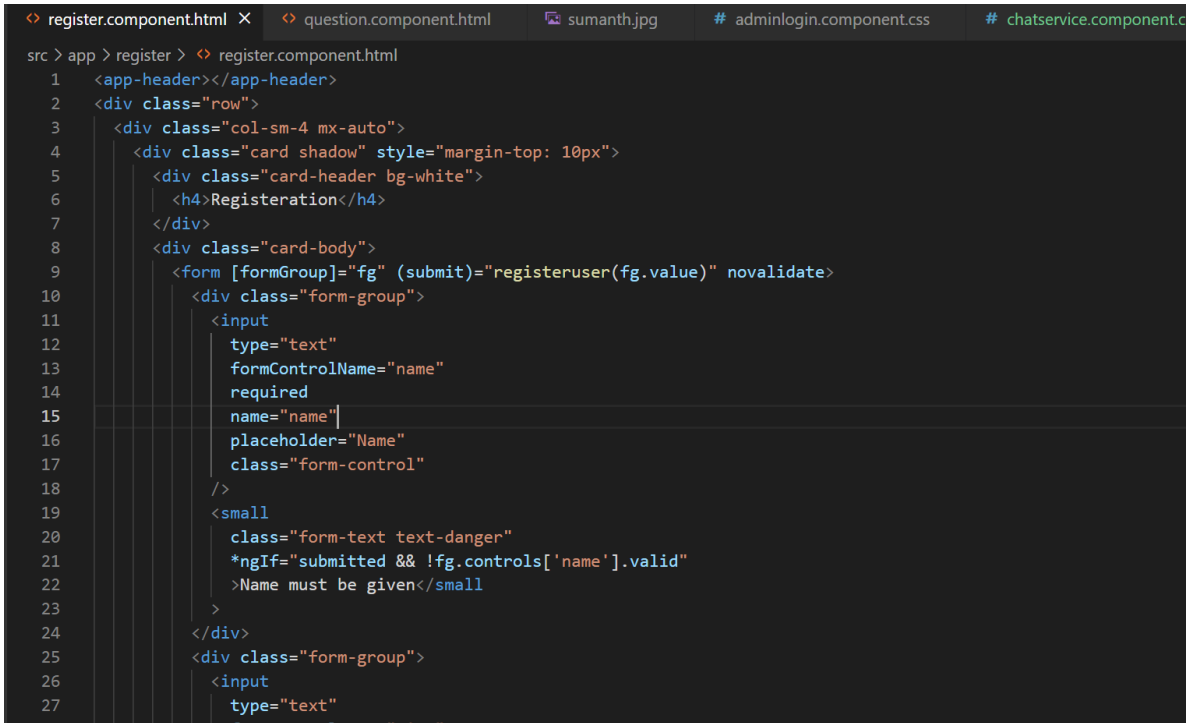
- Eclipse
- Spring boot
- MySQL

CHAPTER 4

IMPLEMENTATION

4.1 FRONT END

4.1.1 PROJECT STRUCTURE:



The screenshot shows a code editor with several tabs open: register.component.html, question.component.html, sumanth.jpg, adminlogin.component.css, and chat.service.component.c. The active file is register.component.html, which contains the following code:

```
src > app > register > register.component.html
1 <app-header></app-header>
2 <div class="row">
3   <div class="col-sm-4 mx-auto">
4     <div class="card shadow" style="margin-top: 10px">
5       <div class="card-header bg-white">
6         <h4>Registration</h4>
7       </div>
8       <div class="card-body">
9         <form [formGroup]="fg" (submit)="registeruser(fg.value)" novalidate>
10          <div class="form-group">
11            <input
12              type="text"
13              FormControlName="name"
14              required
15              name="name"
16              placeholder="Name"
17              class="form-control"
18            />
19            <small
20              class="form-text text-danger"
21              *ngIf="submitted && !fg.controls['name'].valid"
22              >Name must be given</small>
23          </div>
24          <div class="form-group">
25            <input
26              type="text"
27              name="password"
28              placeholder="Password"
29              class="form-control"
30            />
31          </div>
32        </form>
33      </div>
34    </div>
35  </div>
36</div>
```

4.1.2 TECHNOLOGIES USED:

HTML

BOOTSTRAP

ANGULAR MATERIAL

4.1.3 EXECUTION:

Run the command `ng install` and then `ng serve` to see the application running.

4.2 BACK END

4.2.1 PROJECT STRUCTURE:

4.2.2 DEPENDENCIES ADDED:

- Spring Web
- JPA
- MySQL
- Spring Security
- DevTools
- lombok

4.2.3 EXECUTION:

Create a database called 'project' and provide the username and password in application.properties file and run the project as spring boot app.

4.3 MySQL

4.3.1 TABLE STRUCTURE: Database name: project

Field	Type	Null	Key	Default	Extra
id	int	NO	PRI	NULL	
adminid	varchar(255)	YES		NULL	
city	varchar(255)	YES		NULL	
gender	varchar(255)	YES		NULL	
name	varchar(255)	YES		NULL	
phone	varchar(255)	YES		NULL	
pwd	varchar(255)	YES		NULL	

Admin

Field	Type	Null	Key	Default	Extra
id	int	NO	PRI	NULL	
city	varchar(255)	YES		NULL	
gender	varchar(255)	YES		NULL	
name	varchar(255)	YES		NULL	
phone	varchar(255)	YES		NULL	
pwd	varchar(255)	YES		NULL	
userid	varchar(255)	YES		NULL	

User

Field	Type	Null	Key	Default	Extra
id	bigint	NO	PRI	NULL	
from_user	varchar(255)	YES		NULL	
message	varchar(255)	YES		NULL	

Message

Field	Type	Null	Key	Default	Extra
id	int	NO	PRI	NULL	
approved	bit(1)	NO		NULL	
deleted	bit(1)	NO		NULL	
question	varchar(255)	YES		NULL	

Question

Field	Type	Null	Key	Default	Extra
id	int	NO	PRI	NULL	
approved	bit(1)	NO		NULL	
deleted	bit(1)	NO		NULL	
question	varchar(255)	YES		NULL	

Answer

Field	Type	Null	Key	Default	Extra
question_id	int	NO	MUL	NULL	
answers_id	int	NO	PRI	NULL	

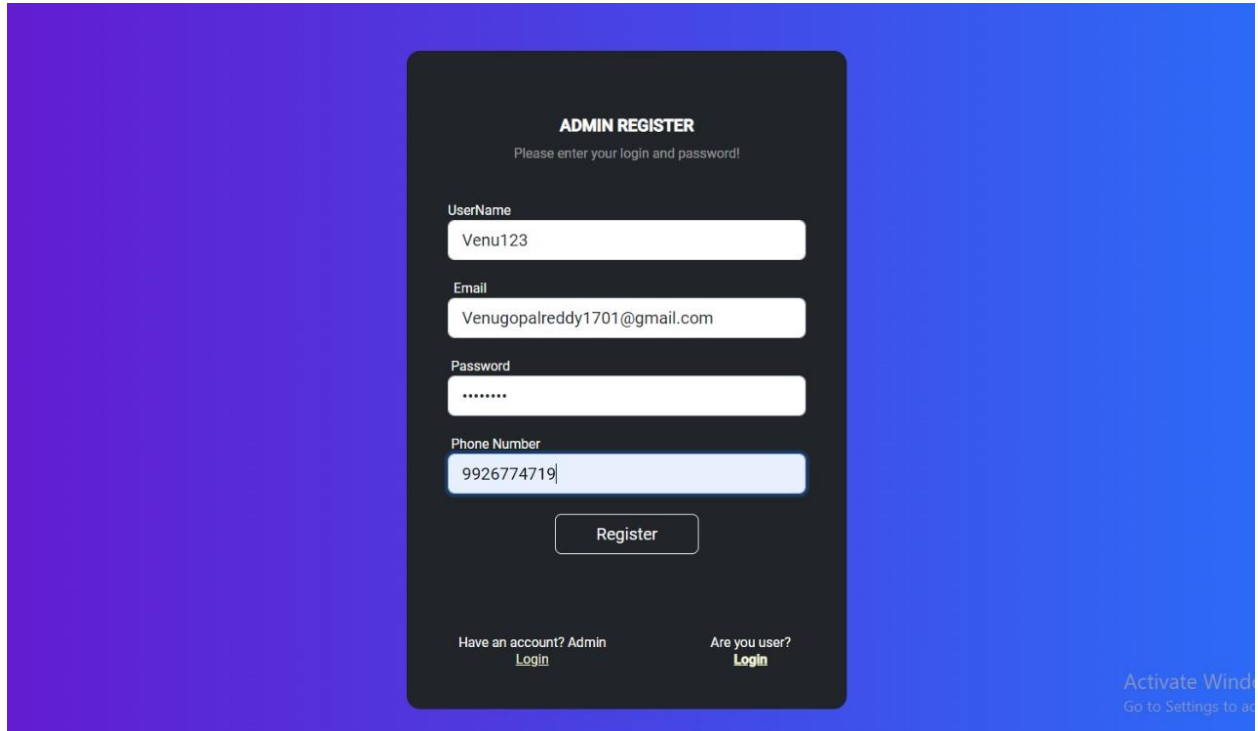
Question_answers

TABLE NAME	PRIMARY_KEY	FOREIGN_KEY
admin	id	-
user	id	-
question	id	-
answer	id	-
Question_answers	Answers_id	Question_id
message	id	-

CHAPTER 6

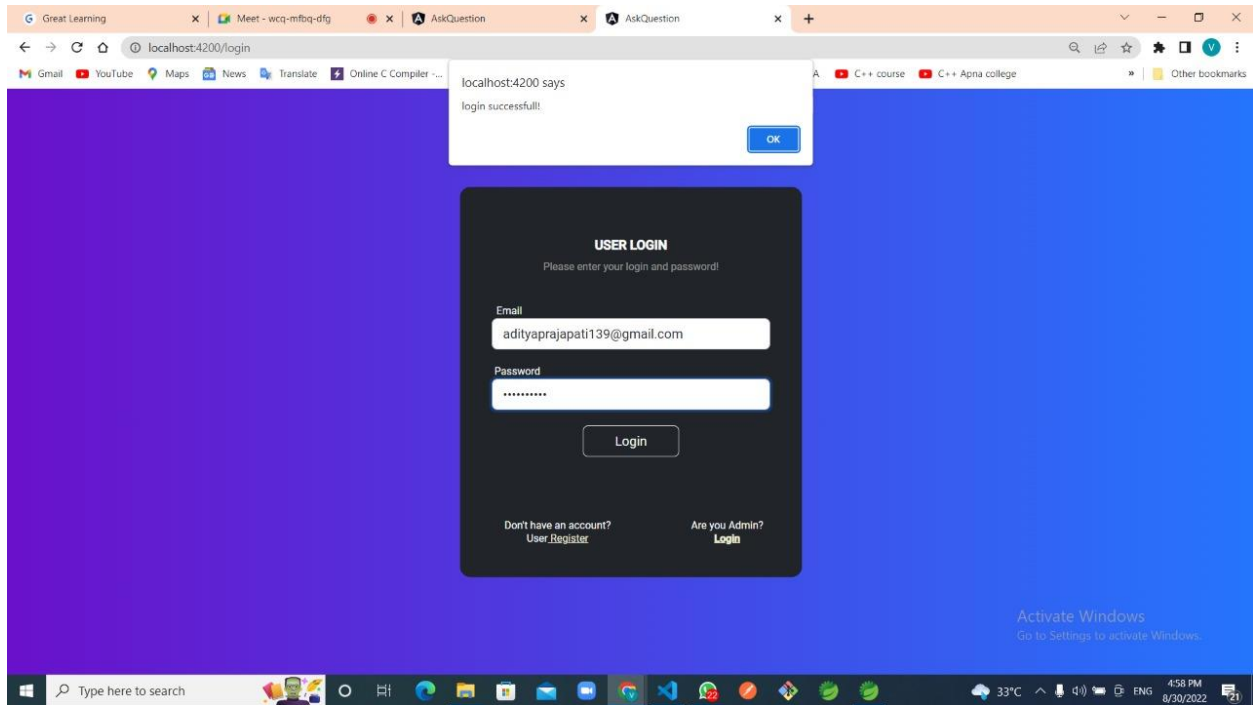
OUTPUT

The screenshots of the admin registration.

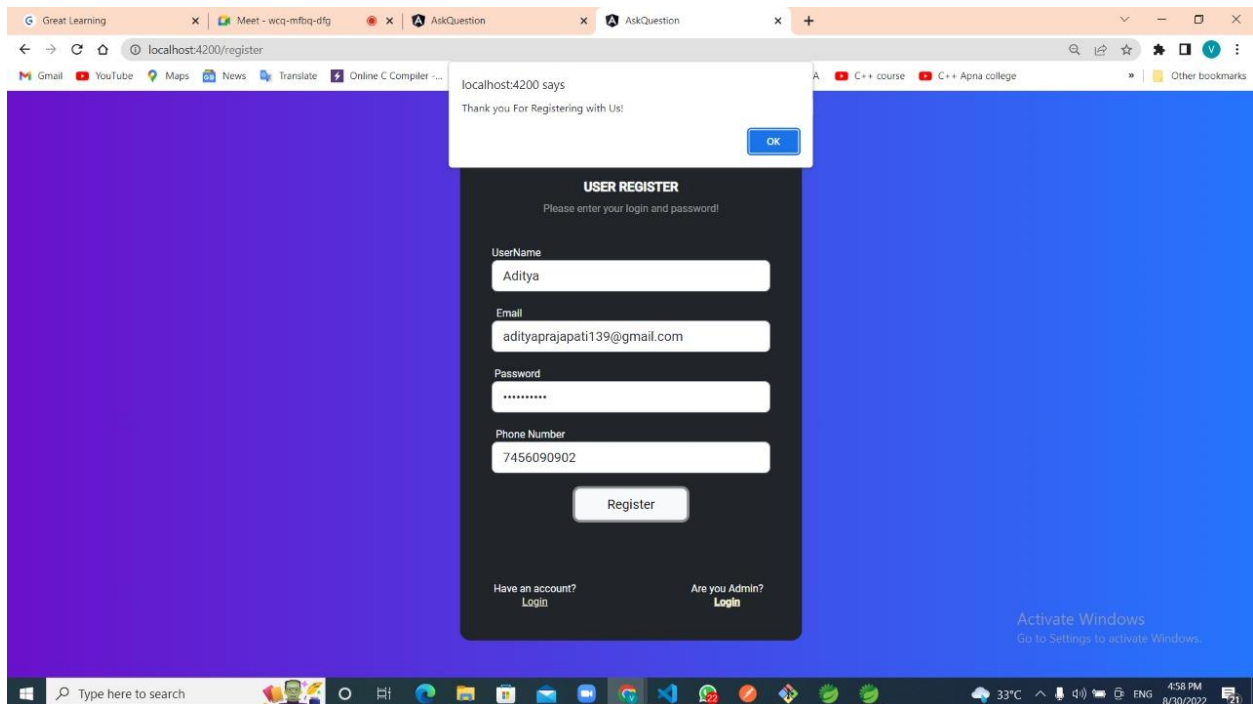
A screenshot of a web application's admin registration page. The page has a blue gradient background. In the center is a dark gray rounded rectangle containing the registration form. The form is titled 'ADMIN REGISTER' in white, with a subtitle 'Please enter your login and password!'. It includes four input fields: 'UserName' with the value 'Venu123', 'Email' with 'Venugopalreddy1701@gmail.com', 'Password' with masked characters '*****', and 'Phone Number' with '9926774719'. A 'Register' button is below the fields. At the bottom of the form, there are two links: 'Have an account? Admin Login' and 'Are you user? Login'. In the bottom right corner of the page, there is a small text 'Activate Wind' and 'Go to Settings to ad'.

Home page

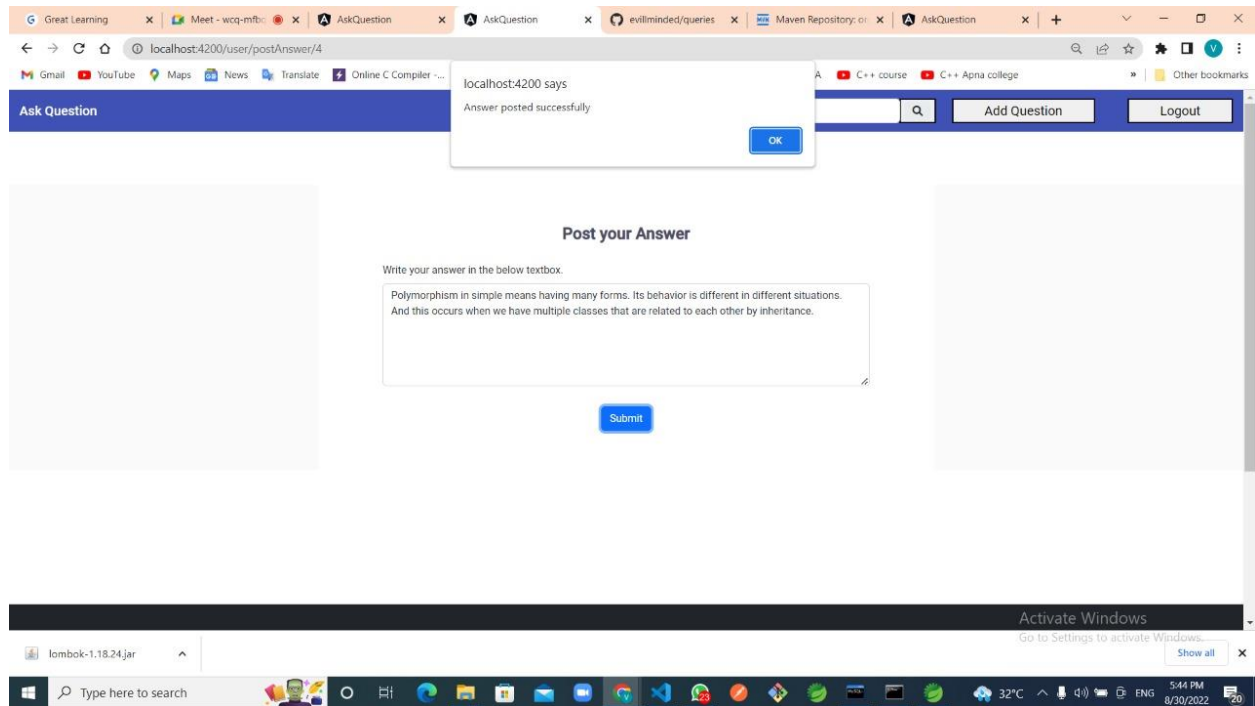
Login page



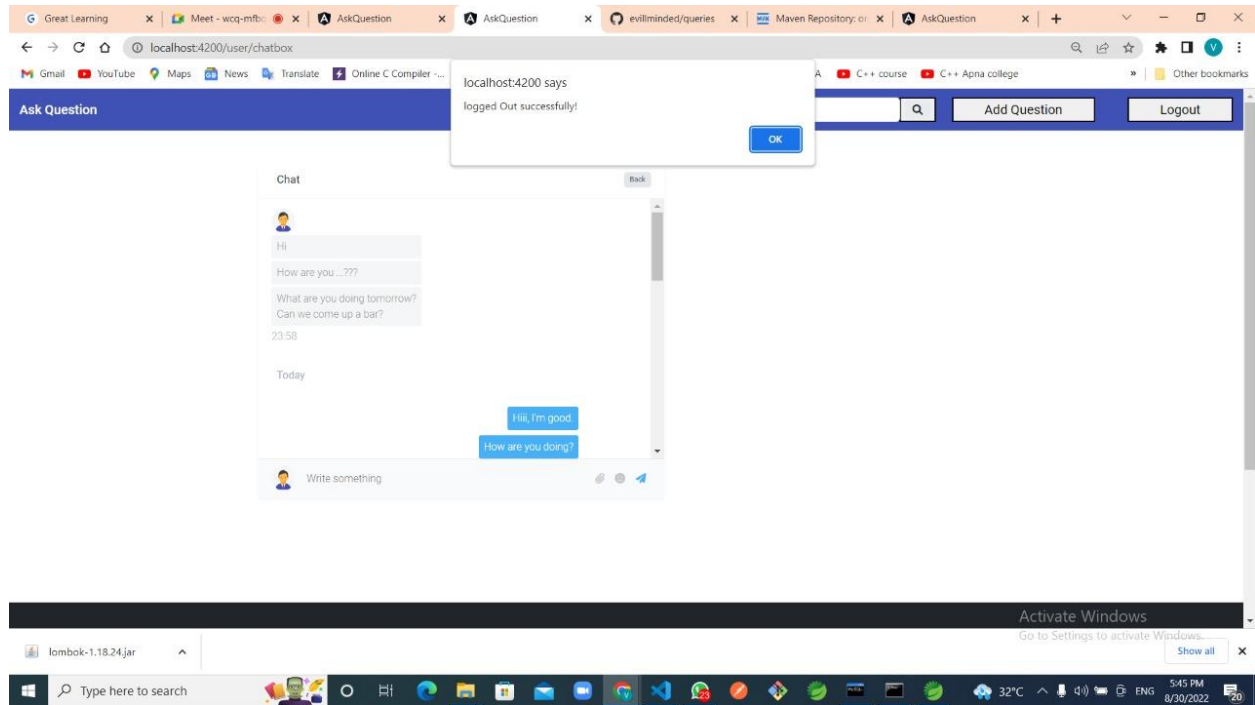
Registration



Answer the question



Chat box



Approve Question & Answer

The screenshot displays a web browser window with multiple tabs. The active tab is 'localhost:4200/admin/allQuestion'. A notification box from 'localhost:4200' states 'Question Approved Successfully' with an 'OK' button. The main content area features a table titled 'Ask Question' with columns: No., Posted By, Question, Status, Check, and Action. The table lists three pending questions. The bottom of the browser window shows an 'Activate Windows' watermark and a Windows taskbar with the date 8/10/2022.

No.	Posted By	Question	Status	Check	Action
2	Aditya	What are datatypes in java.?	Pending	Approve	Delete
3	amit12	what is operator overloading.?	Pending	Approve	Delete
4	amit12	what is polymorphism in c++..?	Pending	Approve	Delete

CHAPTER 7

CONCLUSION

We have Created an Q and A forum "do-connect" using angular, springboot and mysql database. Our approach was implemented and admin stories and user stories requirements have been successfully met.