

APPLICATION RUNNING :

The screenshot shows the Spring Tool Suite 4 IDE with the following components:

- Package Explorer:** Displays the project structure, including `src/main/java` and `src/main/resources`.
- Main Editor:** Shows `application.properties` with the following configurations:

```
1 spring.datasource.url=jdbc:mysql://localhost:3306/course_registration
2 spring.datasource.username=root
3 spring.datasource.password=shantanu2002
4 spring.jpa.hibernate.ddl-auto=update
5 spring.web.resources.static-locations=classpath:/static/,file:uploads/lessonPlans/
6 spring.servlet.multipart.max-file-size=10MB
7 spring.servlet.multipart.max-request-size=10MB
```
- Console:** Displays the Spring Boot startup logs, including the following messages:

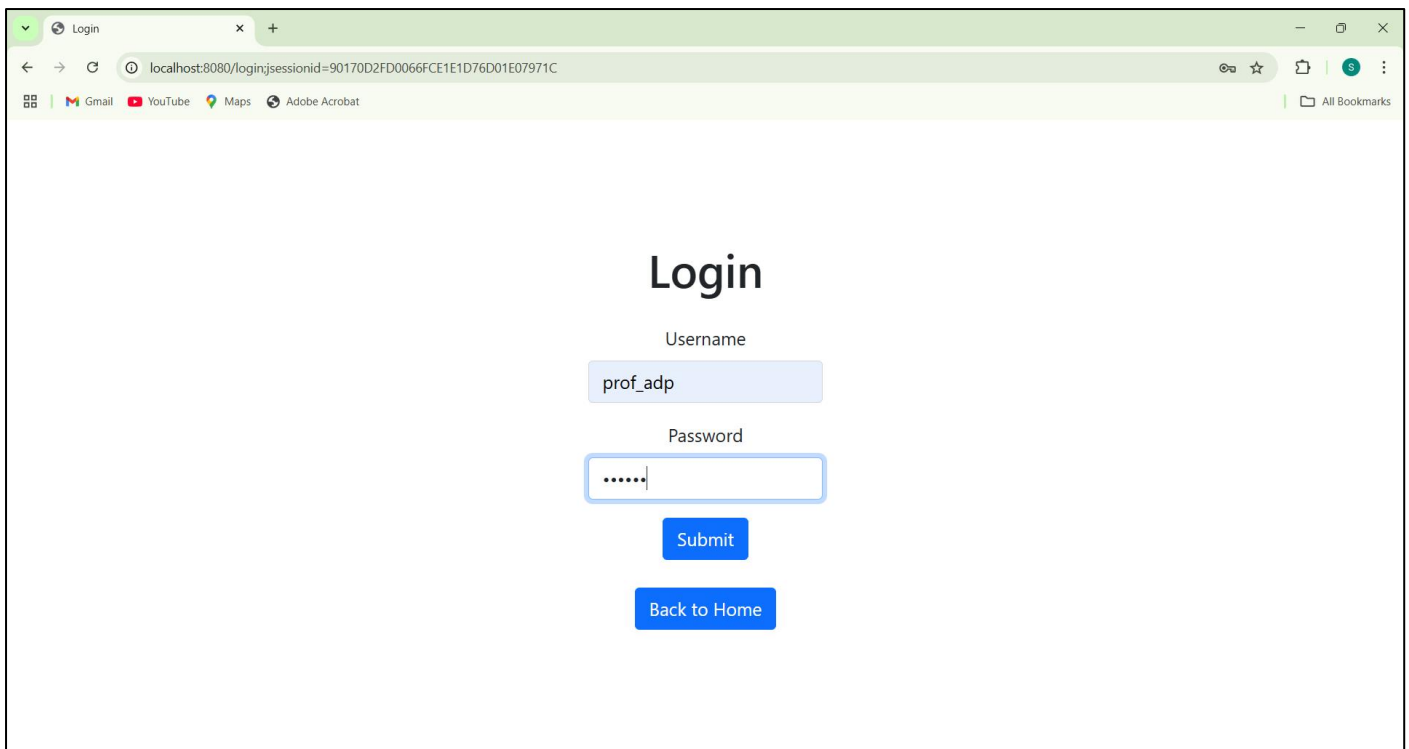
```
2024-12-10T20:59:09.745+05:30 INFO 19016 --- [main] c.e.c.CourseRegistrationApplication : Starting CourseRegistrationApplication using Java 21.0
2024-12-10T20:59:09.748+05:30 INFO 19016 --- [main] c.e.c.CourseRegistrationApplication : No active profile set, falling back to 1 default profile
2024-12-10T20:59:10.969+05:30 INFO 19016 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port 8080 (http)
2024-12-10T20:59:10.986+05:30 INFO 19016 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2024-12-10T20:59:10.987+05:30 INFO 19016 --- [main] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/10.1.16]
2024-12-10T20:59:11.062+05:30 INFO 19016 --- [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2024-12-10T20:59:11.062+05:30 INFO 19016 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed
2024-12-10T20:59:11.189+05:30 INFO 19016 --- [main] org.hibernate.Version : HH#000412: Hibernate ORM core version 6.4.0.Final
2024-12-10T20:59:11.257+05:30 INFO 19016 --- [main] org.h.internal.RegionFactoryInitiator : HH#000026: Second-level cache disabled
2024-12-10T20:59:11.416+05:30 WARN 19016 --- [main] org.hibernate.orm.connections.pooling : HH#10001002: Using built-in connection pool (not intended for use in production)
2024-12-10T20:59:11.422+05:30 INFO 19016 --- [main] org.hibernate.orm.connections.pooling : HH#10001005: Loaded JDBC driver class: com.mysql.cj.jdbc.Driver
2024-12-10T20:59:11.422+05:30 INFO 19016 --- [main] org.hibernate.orm.connections.pooling : HH#10001012: Connecting with JDBC URL [jdbc:mysql://localhost:3306/course_registration?serverTimezone=UTC&useSSL=false]
2024-12-10T20:59:11.422+05:30 INFO 19016 --- [main] org.hibernate.orm.connections.pooling : HH#10001001: Connection properties: {password=****, user=root}
2024-12-10T20:59:11.423+05:30 INFO 19016 --- [main] org.hibernate.orm.connections.pooling : HH#10001003: Autocommit mode: false
2024-12-10T20:59:11.425+05:30 INFO 19016 --- [main] org.hibernate.orm.connections.pooling : HH#10001115: Connection pool size: 20 (min=1)
2024-12-10T20:59:11.425+05:30 INFO 19016 --- [main] org.hibernate.orm.deprecation : HH#00000025: MySQLDialect does not need to be specified
2024-12-10T20:59:11.425+05:30 INFO 19016 --- [main] org.h.e.t.j.p.i.JtaPlatformInitiator : HH#0000489: No JTA platform available (set 'hibernate.transaction.jta.platform' to enable)
2024-12-10T20:59:13.666+05:30 INFO 19016 --- [main] org.hibernate.orm.connections.access : HH#10001501: Connection obtained from JdbcConnectionAc
2024-12-10T20:59:14.261+05:30 INFO 19016 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port 8080 (http) with context path '/'
2024-12-10T20:59:14.271+05:30 INFO 19016 --- [main] c.e.c.CourseRegistrationApplication : Started CourseRegistrationApplication in 4.972 seconds
2024-12-10T20:59:14.271+05:30 INFO 19016 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Initializing language server: (28%)
```

LOGIN PAGE:

The login page is displayed in a web browser at `localhost:8080/login?sessionId=90170D2FD0066FCE1E1D76D01E07971C`. The page contains the following elements:

- Title:** Login
- Username:** Input field for the user's username.
- Password:** Input field for the user's password.
- Submit:** Button to submit the login credentials.
- Back to Home:** Button to navigate back to the home page.

PROFESSOR LOGIN :



Browser address bar: localhost:8080/login?sessionId=90170D2FD0066FCE1E1D76D01E07971C

Login

Username

prof_adp

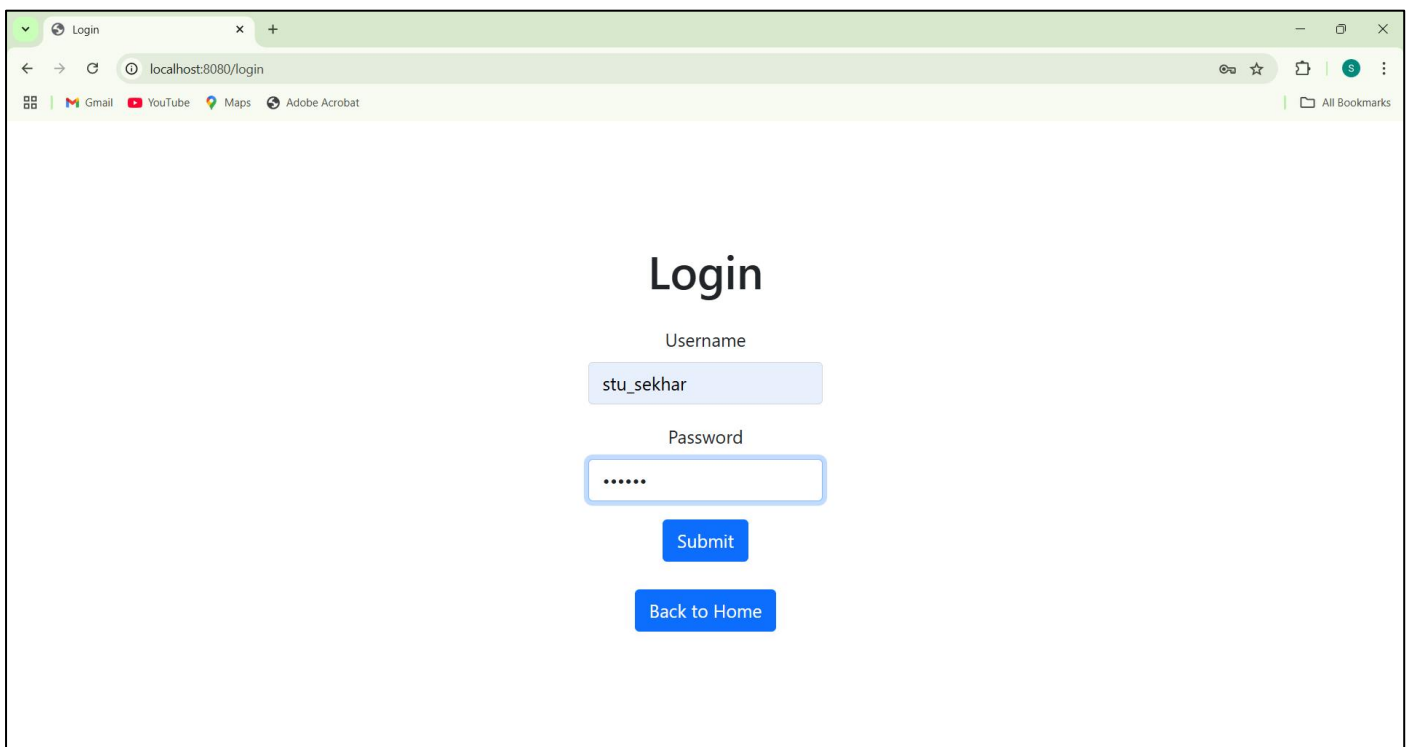
Password

.....

Submit

Back to Home

STUDENT LOGIN :



Browser address bar: localhost:8080/login

Login

Username

stu_sekhar

Password

.....

Submit

Back to Home

PROFESSOR DASHBOARD :

Dashboard

Course Details

Log out

Details:

adp prof
Email: adp.prof@university.com
Employee ID: EMP001
Department: Application Development Project using JAVA

Courses Taught:

Course Name	Course Code	Actions
spring boot	2122	<button>Edit</button>

PROFESOR COURSE ADD DASHBOARD :

Dashboard

Course Details

Log out

Add New Course

Course Name:

Course Code:

Course Description:

Upload Course Lesson Plan:

Choose File

No file chosen

Capacity:

0

Save Course

STUDENT DASHBOARD :

The screenshot shows a web browser window with the title 'Dashboard'. The address bar shows 'localhost:8080/student-dashboard'. The page has a navigation bar with 'Dashboard', 'Course Details', and 'Log out'. The main content area is titled 'Details:' and contains a box with the following information:

sekhar dash
Email: sekhar.das@email.com
Student ID: STU002
Major: CSE
Year of Study: 3

Below this is a section titled 'Courses Registered:' which contains a table:

Course Name	Course Code	Professor	Actions	Lesson Plan
spring boot	2122	adp prof	Withdraw	View Lesson Plan

STUDENT COURSE REGISTRATION :

The screenshot shows a web browser window with the title 'Course Details'. The address bar shows 'localhost:8080/course/details?courseId=1'. The page has a navigation bar with 'Course Details'. The main content area is titled 'Course Details' and contains a box with the following information:

Course Name: spring boot
Course Id: 1
Course Code: 2122
Description: basics of springboot
Capacity: 3
Professor: adp prof

Below this is a button labeled 'View Lesson Plan'.

Below the button is a green box with the text 'You have registered for this course'.

At the bottom left is a blue button labeled 'Register'.