

CASE STUDY PROJECT SNAPSHOT

The screenshot displays a web application for "I & M HOSPITAL" running on a local server at `localhost:4200`. The application features a teal header with navigation links: Home, Add Doctor, Show Doctor, Add Patient, and Show Patient. The main content area shows a "Welcome to Possible" message with a "Read More" button. Below this, there is a "Choose Doctor" dropdown menu with a list of doctors: Dr. Agarwal Uttam, Dr. Agrawal Ajit, Dr. Banerjee Arnab, Dr. Banerjee Malika, Dr. Poonam Jalan, and Dr. Nirmala Das. The background image shows a surgeon in an operating room.

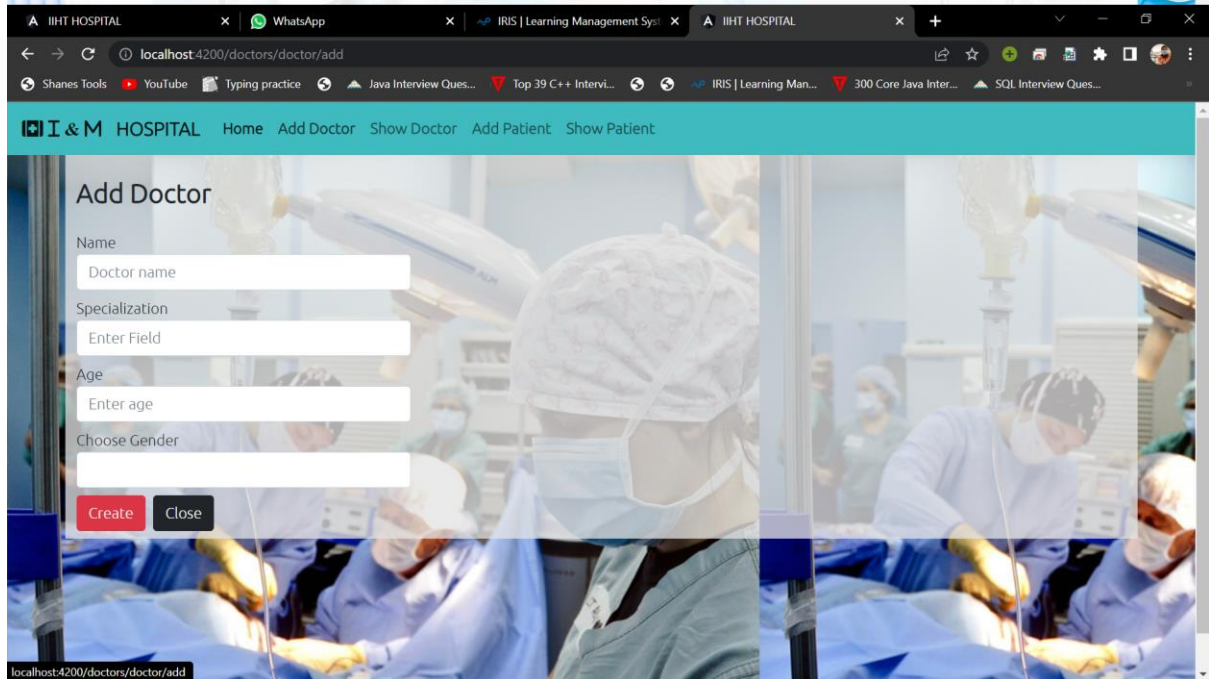
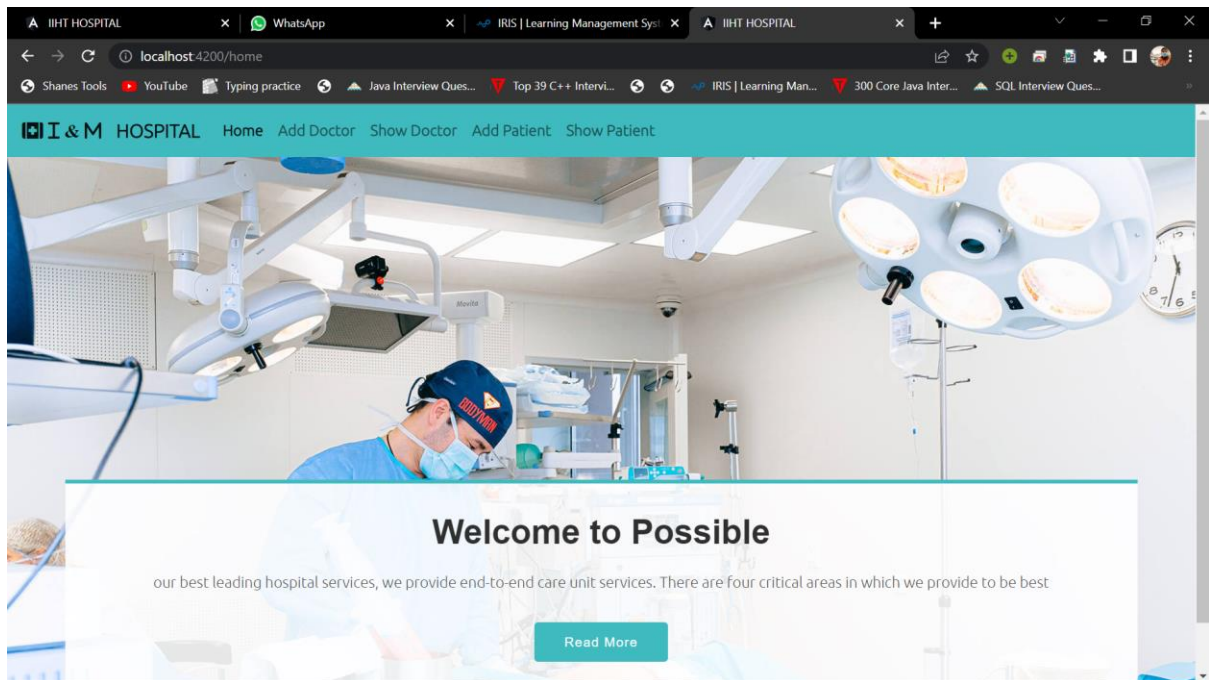
The right side of the image shows the VS Code editor with the `RestApplication.java` file open. The code is as follows:

```
1 package com.webservice.rest;
2
3 import org.springframework.boot.SpringApplication;
4 import org.springframework.boot.autoconfigure.SpringBootApplication;
5
6 @SpringBootApplication
7 public class RestApplication{
8
9     public static void main(String[] args) {
10         SpringApplication.run(primarySource: RestApplication.
11     }
12 }
13
```

The terminal output shows the following messages:

```
Build at: 2022-05-22T19:12:27.371Z - Hash: 6b77647056d9b795 - Time: 5012ms
** Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ **
✓ Compiled successfully.
```

A message at the bottom of the terminal indicates a failure to refresh live data from process 14692 after 10 retries.



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localhost:4200/doctor/view

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I & M HOSPITAL Home Add Doctor Show Doctor Add Patient Show Patient

Choose Doctor

DOCTOR PROFILE



MBBS

Information

Expertise	Phone
	98979989898

Patient Attended

Today	All
5	

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localhost:4200/patients/patient/add

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I & M HOSPITAL Home Add Doctor Show Doctor Add Patient Show Patient

Add Patient

Patient Name
patient name

Doctor Name

Date Of Admission
dd-mm-yyyy

Age
Enter age

Choose Gender

Precription
Enter url

Create Close

localhost:4200/patients/patient/add

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localhost:4200/patient/view

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I & M HOSPITALHomeAdd DoctorShow Doctor

localhost:4200 says
Please Enter Id

OK



Patient Name	Age	Gender	Visit Date	Doctor Name

prescription

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localhost:4200/patient/view

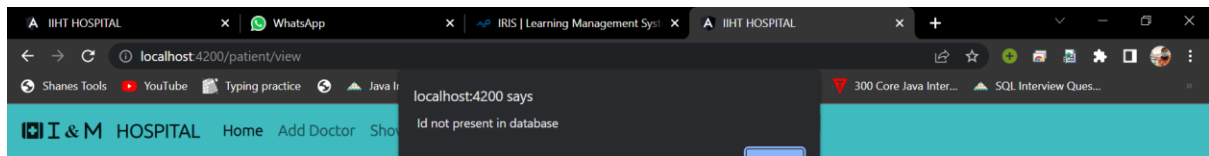
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I & M HOSPITALHomeAdd DoctorShow DoctorAdd PatientShow Patient



Patient Name	Age	Gender	Visit Date	Doctor Name

prescription



Patient Name	Age	Gender	Visit Date	Doctor Name

 prescription

```
File Edit Selection View Go Run Terminal Help RestApplicationTests.java - Visual Studio Code
RestApplicationTests.java X
D:\> projects > IIHT-ASSIGNMENT > case study > hospitalmanagementsystem > server > src > test > java > com > webservice > rest > RestApplicationTests.java
17 import org.slf4j.Logger;
18 import org.slf4j.LoggerFactory;
19 import org.springframework.beans.factory.annotation.Autowired;
20 import org.springframework.boot.test.context.SpringBootTest;
21 import org.springframework.test.annotation.DirtiesContext;
22 import org.springframework.test.context.junit4.SpringExtension;
23
24 @ExtendWith(SpringExtension.class)
25 @SpringBootTest
26 public class RestApplicationTests
27 {
28
29     private Logger logger = LoggerFactory.getLogger(this.getClass());
30
31     @Autowired
32     PatientController patientController;
33
34     @Autowired
35     DoctorController doctorController;
36
37
38     @Test
39     public void test(){
40         assertTrue(true);
41     }
42     @Test
43     public void showPatientInformationTest(){
44         Patient patient =patientController.showPatientInformation(11);
45         assertEquals(patient.getName(),"Abhishek shaw");
46     }
47
48     @Test
```