Deployment Manual

Team No: Team-4

Project Name: Student Management System

Team Members:

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GitHub Details

GitHub Link:

https://github.com/Paveisha/HCL-Final-Project

Passwords Used:

1. **Application Default Login Credentials:**
   - Username: admin
   - Password: admin123
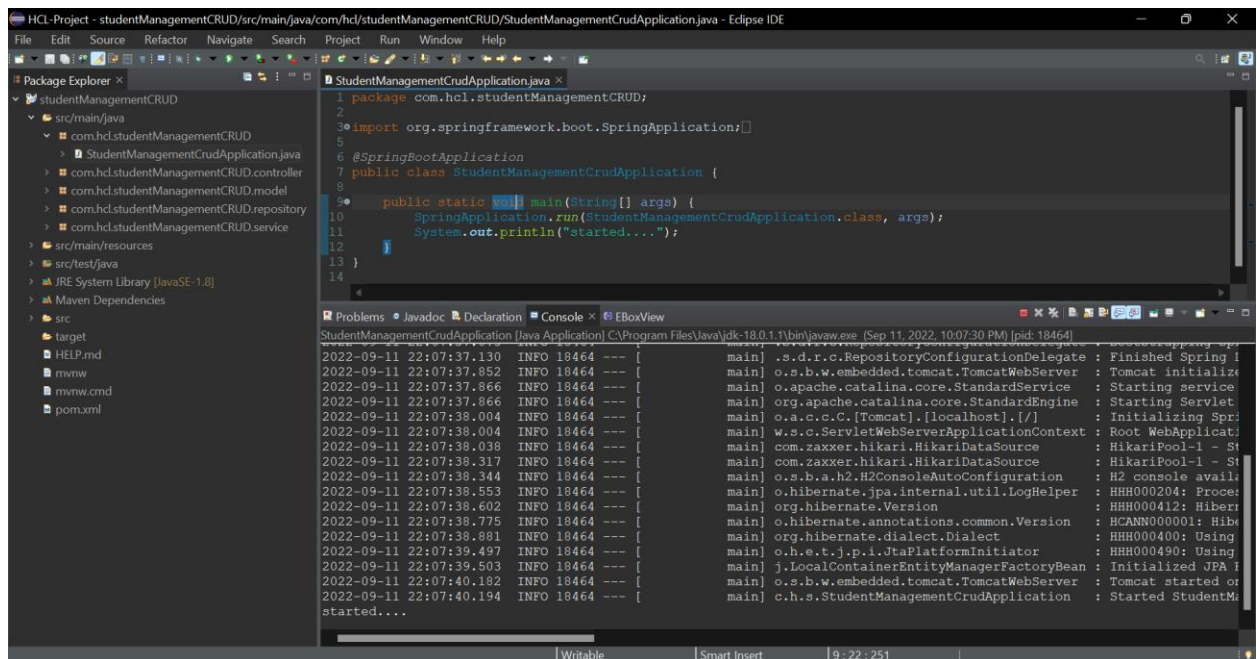
2. **Port Numbers used in the Application:**
   - Spring Boot Application Tomcat Server Port Number: 8080
   - Angular Application Port Number: 4200

3. **Angular Application Main Application Run Link**
   - Link: http://localhost:4200/

Steps to Run the Application

1. First, ensure that the following prerequisites are met.
   - The system needs to have JDK 1.8, Eclipse IDE for java developers, Node.js, and Angular CLI installed.
2. Next, download the project from git hub using the link below and extract it.
   https://github.com/Paveisha/HCL-Final-Project
3. Once you have downloaded the project, extract it.
4. To run the Spring Boot Application, launch Eclipse IDE and select 'Import' from 'File'. In the displayed 'Import' dialog, expand the 'General' folder. Select 'Projects from Folder or Archive' and click 'Next'.
5. This will display the 'Import Projects from File System or Archive' dialog box. Choose 'directory' option and navigate to the folder of the extracted folder Team-4-Student-Management-System > Project-Source-Code > Back-End-Spring-Boot > studentManagementCRUD. Select the folder 'studentManagementCRUD' and click 'Open'. In the 'Import Projects from File System or Archive' dialog, ensure that browsed path is displayed. Click 'Finish'.
6. To run the application, run 'StudentManagementCrudApplication.java' as seen in the below image.

7. To run the Angular project, open command prompt and change directory to the project root folder 'Front-End-Angular'.
8. To install node modules, run the command 'npm install'.
9. To compile and run the Angular app, type 'ng serve' and hit enter.
10. Then to access the application, open the browser and enter the URL: http://localhost:4200/

Project Testing / Access

1. To access the application, open the browser and enter the URL: http://localhost:4200/
2. Enter the default Username and password credentials provided above to login into the Student Management System.
3. Once you successfully log into the application, you can access the following application functionalities:
   - Add student
   - Retrieve Student
   - Update Student
   - Delete Student
   - Log out from system