**Project Title:** College Admission System  
**Developer:** Mukhesh Ladi  
**Technology Used:** Java, Spring Boot, Thymeleaf, MySQL  
**IDE:** Visual Studio Code / Spring Tool Suite  
**Repository:** [GitHub - partha973/college\_admission\_system](https://github.com/partha973/college_admission_system)

**1. Introduction**

This project is a web-based application designed to help colleges manage student admissions. It allows students to register and apply for courses, and provides administrators with tools to manage applications and admission status.

**2. Objectives**

* To simplify the admission process
* To allow students to apply online
* To help admins manage student data and course assignments
* To generate printable reports for records

**3. Features**

* Student registration and login
* Course selection
* Admin dashboard to view and manage applications
* Admission status tracking
* Print/PDF-ready reports

**4. Technologies Used**

* **Frontend:** HTML, CSS, Thymeleaf
* **Backend:** Java, Spring Boot
* **Database:** MySQL
* **ORM:** Hibernate
* **Build Tool:** Maven
* **Version Control:** Git + GitHub

**5. How to Run**

1. Clone the project from GitHub
2. Create a MySQL database named college\_admission\_db
3. Update application.properties with your DB username and password
4. Run the project using your IDE
5. Open http://localhost:8080/login in your browser

**6. Folder Structure**

College-admission/

├── src/main/java/com/example/demo/

│ ├── config/ → Configuration files

│ ├── controller/ → Handles HTTP requests

│ ├── model/ → Entity classes (Student, Course, etc.)

│ ├── repository/ → Interfaces for database access

│ └── service/ → Business logic

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├── src/main/resources/

│ ├── static/ → CSS, JS, images

│ ├── templates/ → Thymeleaf HTML files

│ └── application.properties → App configuration

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├── src/test/java/ → Test cases

├── pom.xml → Maven dependencies

└── README.md → Project documentation

**7. Conclusion**

This project demonstrates how to build a simple and functional web application using Spring Boot. It covers basic backend development, database integration, and user interface design — making it a strong addition to a fresher’s portfolio.