



**JAVA FULLSTACK PROJECT PRESENTATION**

# **HOSTELIAN**

**GUIDED BY: CHAKRADHAR SHINDE**

**ACADEMIC YEAR - 2023-24**





# OUR TEAM

**1**

AMRUT LAXMAN GAWADE

**2**

ROHIT MILIND KADAM

**3**

SAHIL DEEPAK PARDHI



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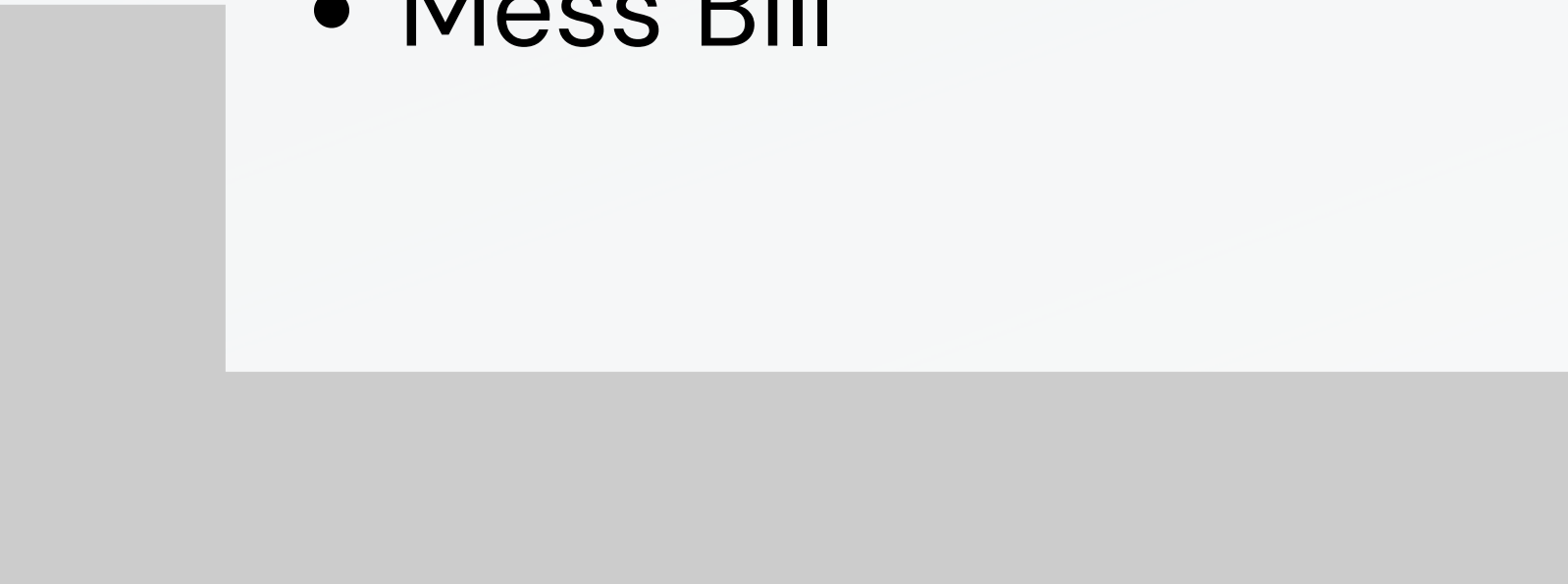
FUTURE WORK & CONCLUSION

# Introduction

Automated systems are preferred over manual ones in today's era. Hostels without a management system rely on manual processes, leading to repetitive tasks and inefficiency. To overcome these drawbacks, a computerized system is designed to save student records, room allocations, and mess billing. This system improves efficiency, eliminates manual work, and provides easy access to information, even for former students. Special features include room occupancy, student IDs, and available space. Each member and student also has a unique identity in the system.

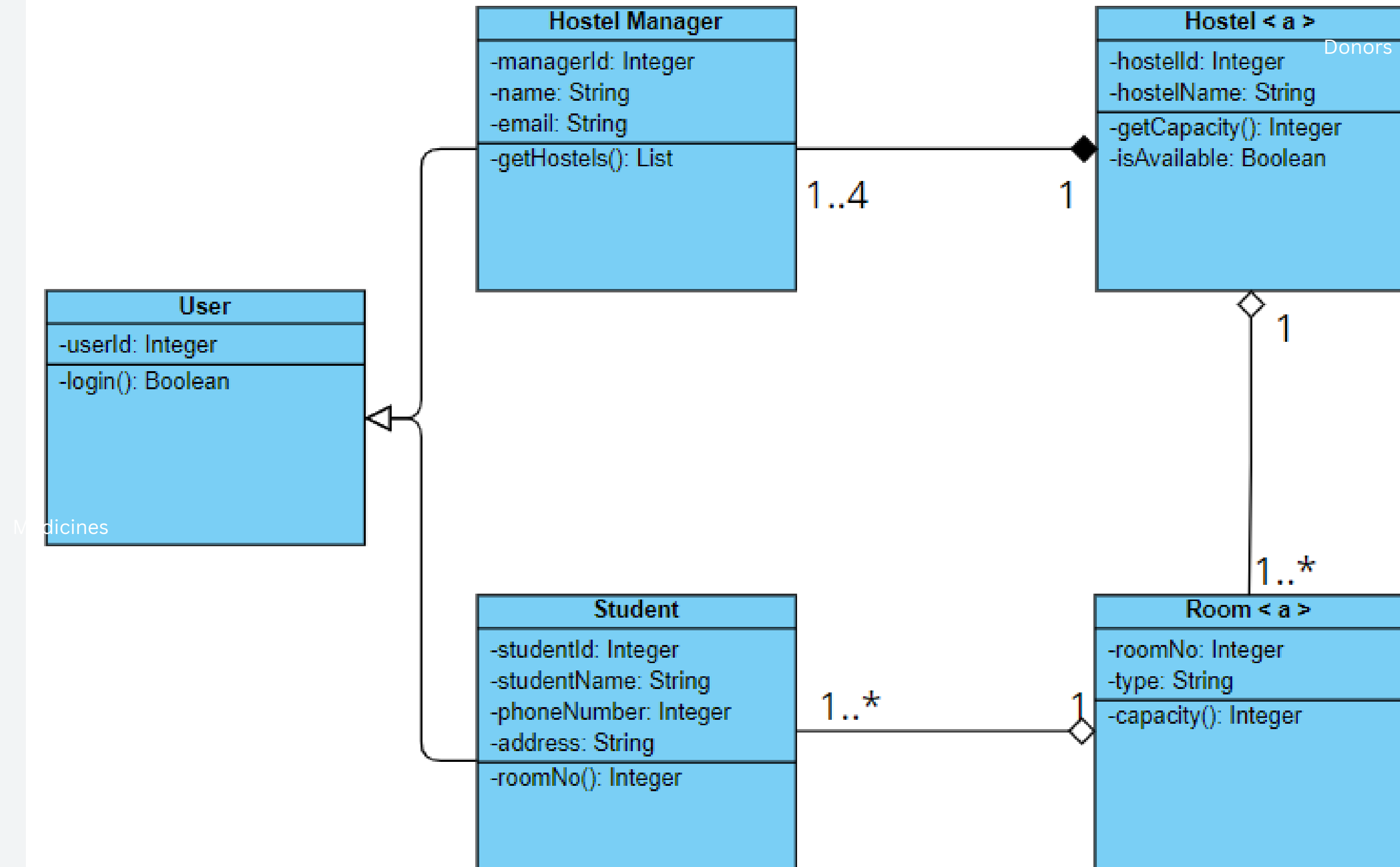
# Features & Functionality

- User Authentication and Authorization
- Student Management
- Dashboard
- Complain Box
- Mess Bill



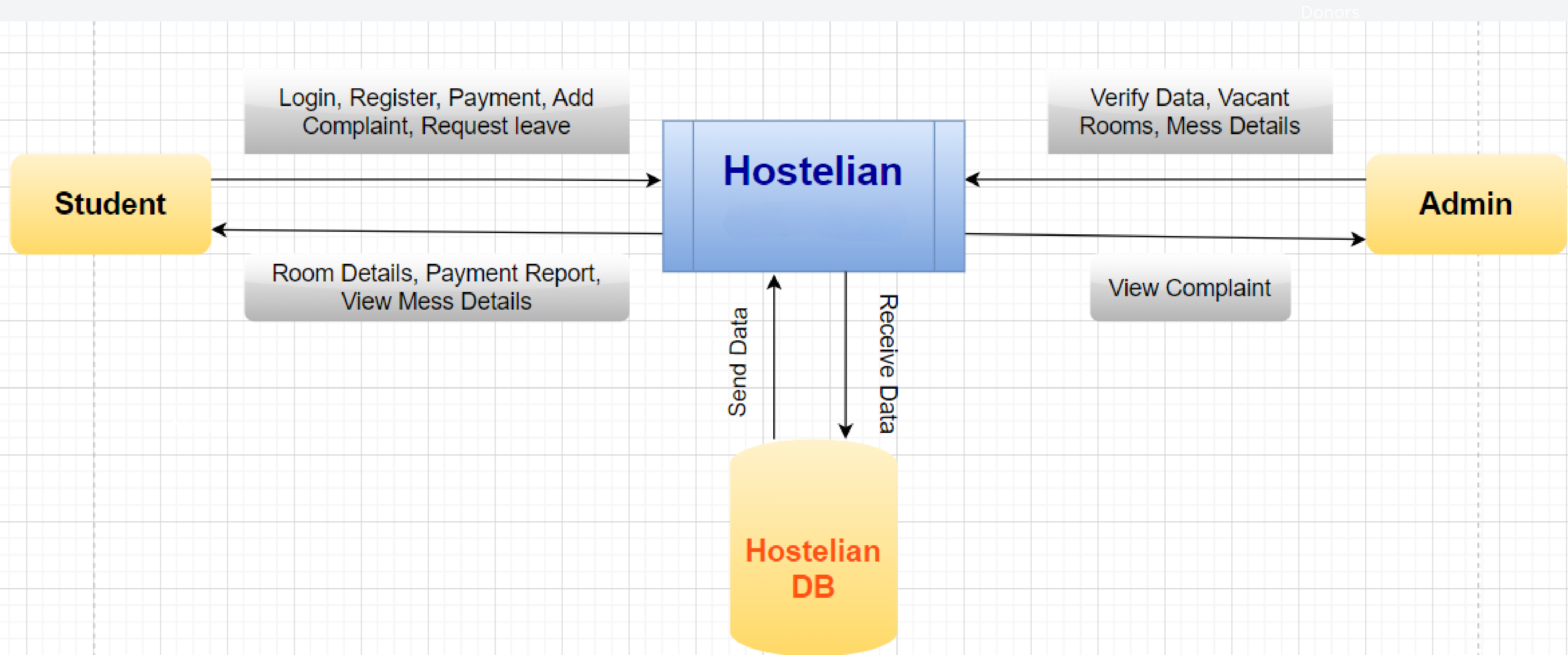
# Diagram

Fig: Classs Diagram



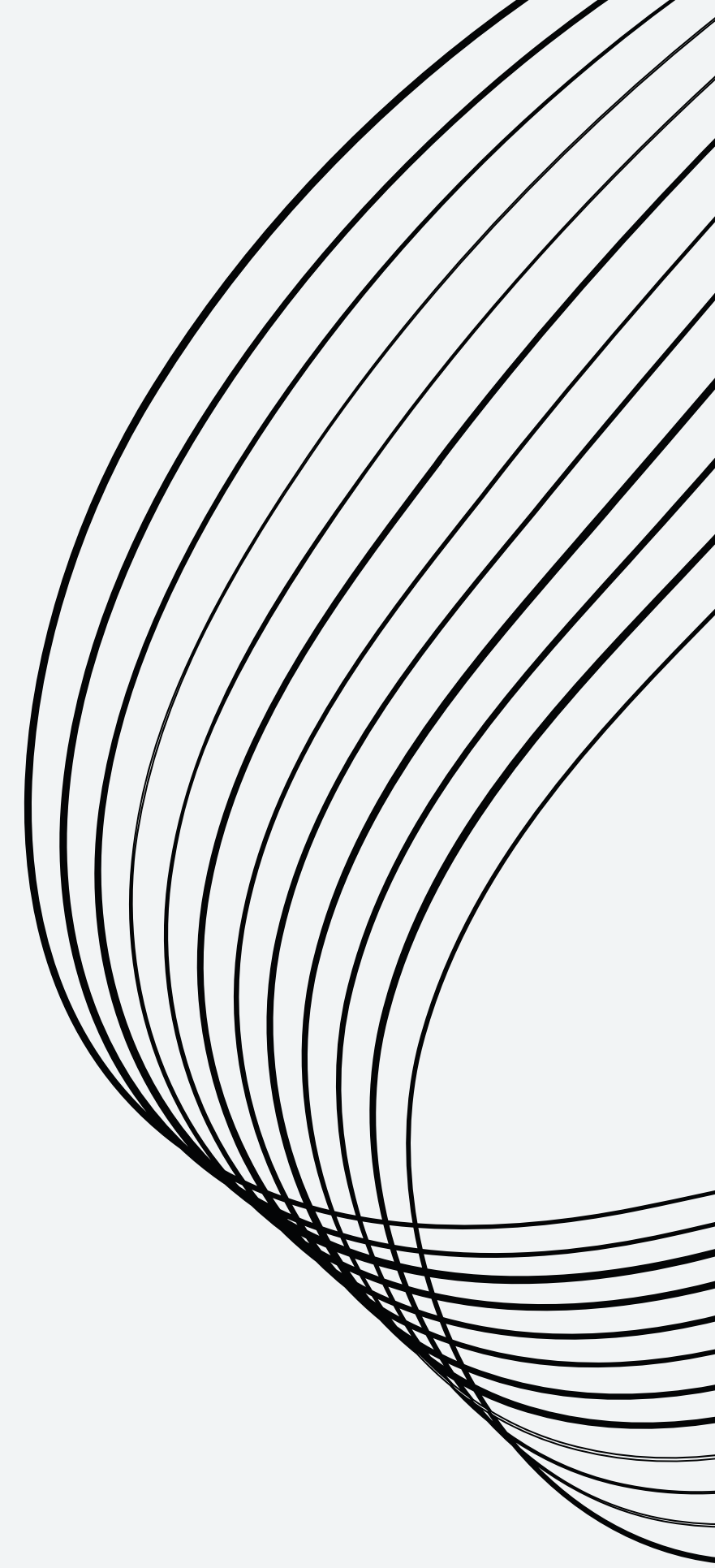
# Diagram

Fig: Data Flow Diagram



# Technologies


- Technology/Domain – Java FullStack
- Frontend – ReactJS
- Backend – Java
- Database – MySQL
- Visual Studio Code







# Design & Implementation

MAIN

 User Registration

 User Login

 Admin Login

Medicine

Student Registration

FILL ALL INFO

First Name :

Middle Name :

Last Name :

Course :

Select Course

▼

Gender :

Select Gender

▼

Contact No :

Email id:

Password:

Confirm Password :

Cancel

Register

# HOSTELIAN

( ADMIN LOGIN )








**YOUR USERNAME OR EMAIL**

**PASSWORD**

login

Home

MAIN

-  Dashboard
-  Change Password
-  Rooms 
-  Manage Students
-  Complaint Box
-  Log Out

# Admin Dashboard

1

STUDENTS

FULL DETAIL →

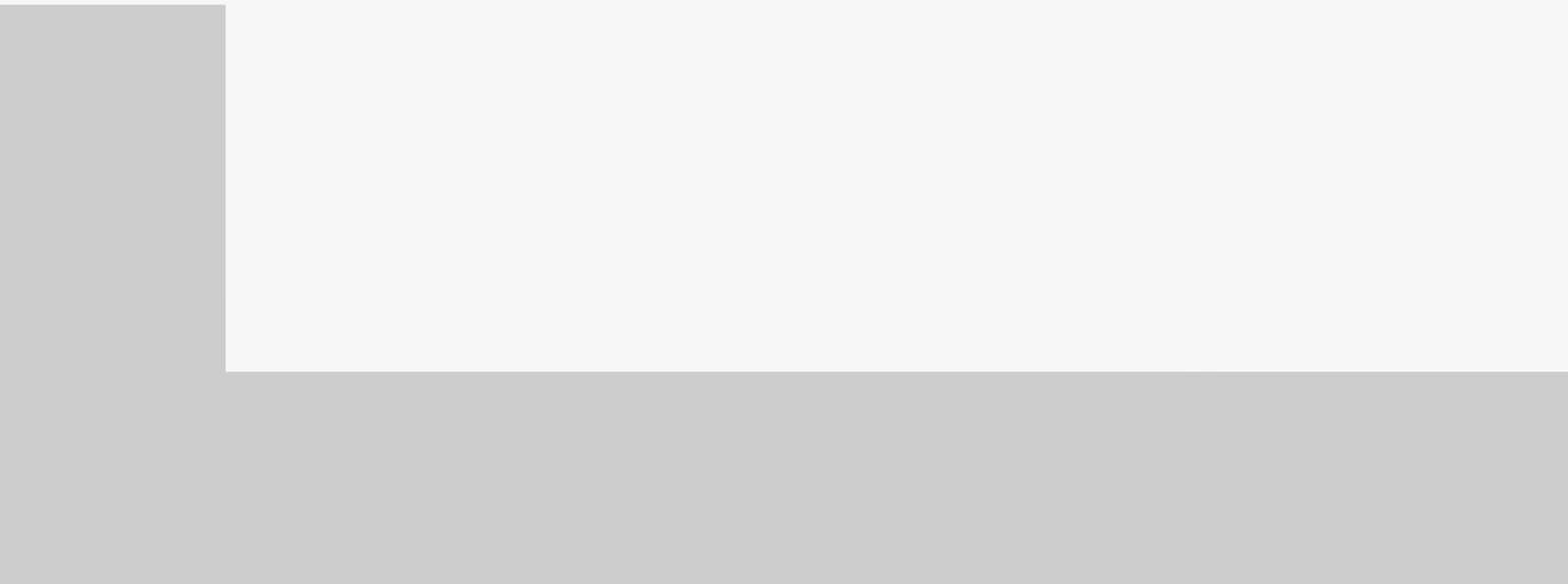
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TOTAL ROOMS

SEE ALL →

# Future Work

- Payment Gateway Integration
- Mobile Application Development
- AL & ML Integration
- Feedback Loops for Improvements



# Conclusion

This Java and MySQL-based hostel management project caters to the needs of hostel administrators, offering flexibility for future enhancements. As educational institutions and hostels continue to grow, managing hostel activities manually becomes cumbersome. The software provides a user-friendly and GUI-oriented solution, addressing the drawbacks of the existing system.

**THANK YOU**

