INSTITUTE OF TECHNOLOGY NIRMA
UNIVERSITY

2CSDE60– Advance Java
Hostel Management System
(Innovative Assignment)

Submitted to:
Prof. Rachana Mehta

By:

19BCE233	Gaurav Sakariya
19BCE272	Parimal Talaviya
19BCE296	Virang Virani

Abstract:

Hostel management system is for hostels to keep track of students Currently living, their details and fees information as well as keep details of mess. Students can fill application for room online and download the receipt. Admin confirms the room applied by students and gives the confirmation receipt. If hostel owner does this task manually on paper it is difficult to incorporates changes as per students wish and fee details is complex to manage.it is computerized system to do all this work and minimize the possibilities of errors and can incorporate changes effectively. It is transparent process and easy to use.

Types of Rooms in Hostel:
- Single sharing AC and Non-AC
- Double sharing AC and Non-AC
- Three sharing AC and Non-AC
- dormitory
- Visitor room (only three available)

System Functionalities:

Admin functionality:

- **Admin log in / Log out:**
  Here admin has to first log in to use the system.it will ask username and password. after validating it will let admin to use thesystem.

- **Confirm room:**
  Here admin confirm all types room of applied by students and also print the receipt for the same and give it to the students.

  - ➢ student should have applied for room otherwise it will not show to admin

- **Confirm mess:**
  - ➢ confirm mess application of student.
  - ➢ student should be living in hostel to use this

- **Check room availability:**
  - ➢ shows how many rooms of each types occupied and vacant.

- **See allotted rooms**.
  - ➢ Display student living in hostel room type wise.

Student Functionality:

- **Student login /register:**
  - ➢ Basic register login asking details of students.
  - ➢ Login with session using HTTP session.

- **Apply room:**
  - ➢ It will ask all the details of student allows to print receipt for the same.

- **Apply for mess:**
  - ➢ students should first apply for room to avail this service.

- **Apply for Visitors room**
  - ➢ for the relatives of student ask the detail of student and relative both. Only 3 rooms available in this scenario.

- **Print receipts**
  - ➢ mess receipt
  - ➢ hostel application receipt
  - ➢ room confirmation receipt

Apart from them some static pages displaying instructions, facilities, photos

Technology Used:

- ✓ JDBC (database connectivity using MySQL connector)
- ✓ JSP (for web pages)

SCREENSHOTS

1. **Login/Logout:**

2. Admin Page:

3. Confirm Room by Admin:

4. Confirm Mess by Admin:

Confirm Mess

Type of Room [Single seater with A.C   ∨]

Registration No.

Room No.

Name

Branch [CSE   ∨]

Year [I   ∨]

Email-id

Contact No.

Address

Fee paid [Yes   ∨]

[Book]   [Reset]

5. Check Room Availability:

Back

Single Seater with A.C

Total Room = 50

Available Room = 43

Single Seater with Non A.C

Total Room = 50

Available Room = 49

Two Seater with A.C

Total Room = 50

Available Room = 49

Two Seater with Non A.C

Total Room = 50

Available Room = 50

Three Seater with A.C

Total Room = 50

Available Room = 48

6. Allotted room Details:

Back

<div align="center">

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Single seater with A.C

</div>

Room no.	Room Type	Registration no.	Name	Branch	Year	Contact no.	Fee Paid
1	Single seater with A.C	1234567	Parimal Talaviya	CSE	I	6353058686	Yes
2	Single seater with A.C	1234567888	Parimal Talaviya	CSE	I	6353058686	Yes
3	Single seater with A.C	12345671223546754635	fdfdgfd	CSE	I	6353058686	No
4	Single seater with A.C	24564586874635	Parimal Talaviya	CSE	I	6353058686	Yes
5	Single seater with A.C	1234567	Parimal Talaviya	CSE	I	21212122221	Yes
6	Single seater with A.C	19287	priyal	CSE	II	8686968626	Yes

7. Student login /register

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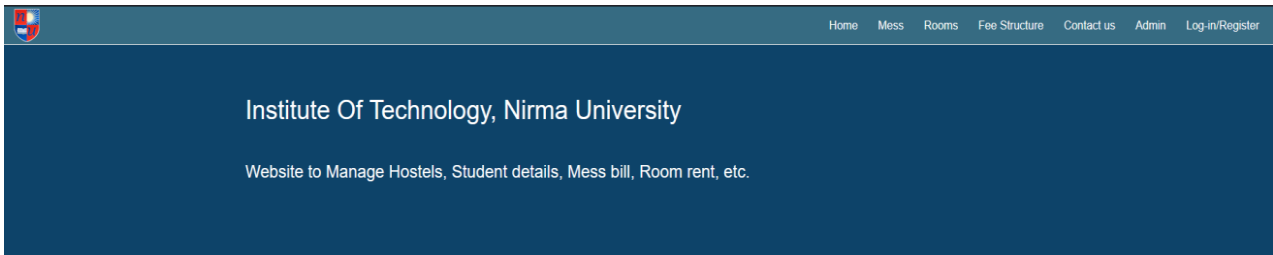Website to Manage Hostels, Student details, Mess bill, Room rent, etc.

Register

College Registration Number

Enter Registration Number

Name

Enter your Name

Please fill out this field.

Email id

xyz@abc.com

Password

Password

Submit Query

8. Apply For Room:

Apply for Booking a Room

Type of Room Single Seater with A.C

College Registration No.

Name

Branch CSE

Year I

Date of Birth

dd / mm / yyyy

Email-id

Contact no.

Religion Hindu

Address

9. Apply For Mess:

Apply for Mess

College Registration No.

Name

Branch CSE

Year I

Email-id

Contact No.

Address

Submit   Reset

10. Apply for Visitors Room:

11. Print Receipts:

Print

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Hostel Fee Submit Reciept

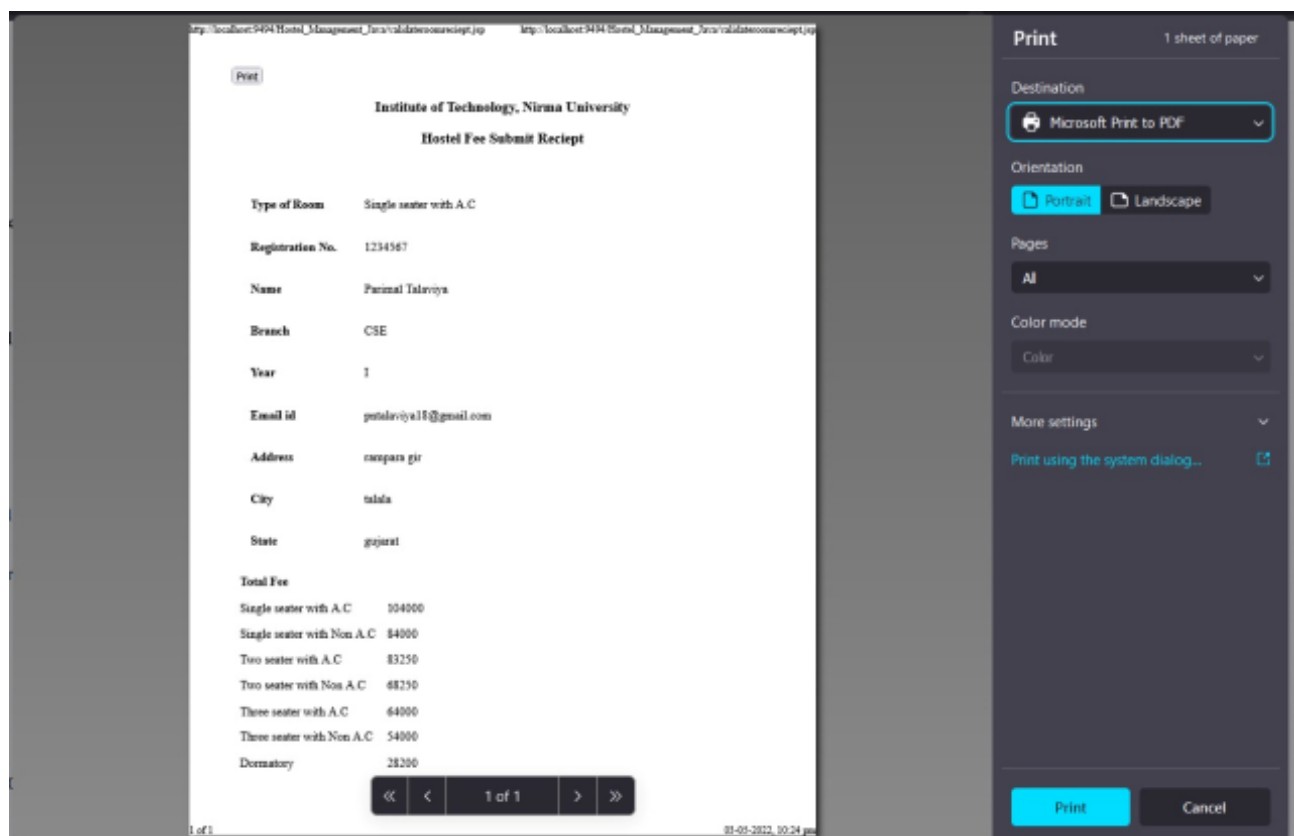|	
Type of Room	Single seater with A.C
Registration No.	1234567
Name	Parimal Talaviya
Branch	CSE
Year	I
Email id	pntalaviya18@gmail.com
Address	rampara gir
City	talala
State	gujarat

Total Fee

Single seater with A.C	104000
Single seater with Non A.C	84000
Two seater with A.C	83250

Click print button:

THANK YOU