



INSTITUTE OF TECHNOLOGY NIRMA
UNIVERSITY

2CSDE60– Advance Java

Hostel Management System
(Innovative Assignment)

Submitted to:
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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 incorporate 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 the system.

- **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:

The screenshot displays the website of the Institute Of Technology, Nirma University. The header includes a logo on the left and navigation links (Home, Mess, Rooms, Fee Structure, Contact us, Admin, Log-in/Register) on the right. The main content area features the university's name and a description: 'Website to Manage Hostels, Student details, Mess bill, Room rent, etc.' Below this, there is an 'Admin LOG-IN' form. The form has two input fields: 'Username' with the value 'prtalaviya18@gmail.com' and 'Password' with masked characters '*****'. A red 'Login' button is positioned at the bottom of the form. The footer contains the copyright notice: 'Copyright © 2022 | All Right Reserved by Parimal Gaurav and Virang'.

2. Admin Page:



E-ServicesLog-Out

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

Confirm A.C Rooms !!!


- Confirm Single seater with A.C Room
- Confirm Two seater with A.C Room
- Confirm Three seater with A.C Room
- Confirm Dormatory
- Confirm Mess

Confirm Non A.C Rooms !!!

- Confirm Single seater with non A.C Room
- Confirm Two seater with non A.C Room
- Confirm Three seater with non A.C Room
- Check Room Availability
- See Allotted Rooms

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3. Confirm Room by Admin:



E-ServiceLog-Out

Confirm Single seater with A.C Room

Type of RoomSingle Seater with A.C

College Registration No.

Name

BranchCSE

YearI

Email-id


Contact No.

Address

Fee paidYes

BookReset

4. Confirm Mess by Admin:

E-Service Log-Out

Confirm Mess

Type of RoomSingle seater with A.C

Registration No.

Room No.

Name

BranchCSE

YearI

Email-id

Contact No.

Address

Fee paidYes

BookReset

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](#)

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Single seater with A.C

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

[Home](#) [Mess](#) [Rooms](#) [Fee Structure](#) [Contact us](#) [Admin](#) [Log-in/Register](#)

Institute Of Technology, Nirma University

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

LOG-IN

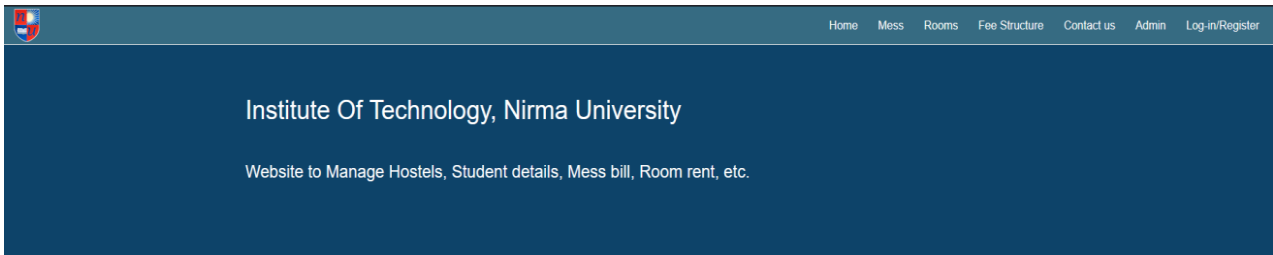
Email id

Password

Login

Register

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Register

College Registration Number

Enter Registration Number

Name

Enter your Name

Email id

xyz@abc.com

Please fill out this field.

Password

Password

Submit Query

8. Apply For Room:

HomeMessRoomsFee StructureContact usE-servicesLog-Out

Apply for Booking a Room

Type of RoomSingle Seater with A.C

College Registration No.

Name

BranchCSE

YearI

Date of Birthdd/mm/yyyy

Email-id

Contact no.

ReligionHindu

Address

9. Apply For Mess:

HomeMessRoomsFee StructureContact usE-servicesLog-Out

Apply for Mess

College Registration No.

Name

BranchCSE

YearI


Email-id

Contact No.

Address

SubmitReset

10. Apply for Visitors Room:

[Home](#) [Mess](#) [Rooms](#) [Fee Structure](#) [Contact us](#) [E-services](#) [Log-Out](#)

Apply for Visitor Room

College Registration No.

Name of the Candidate

Branch

 CSE

Year

 I

Email-Id

Contact No.

Visitor Name


Visitor Relation

Visitor Contact n

 Please fill out this field.

Visitor Address

11. Print Receipts:

[Home](#) [Mess](#) [Rooms](#) [Fee Structure](#) [Contact us](#) [E-services](#) [Log-Out](#)

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

Receipt for Submit a Fee

Registration Number

1234567

Get Receipt

Print

Institute of Technology, Nirma University

Hostel Fee Submit Receipt

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

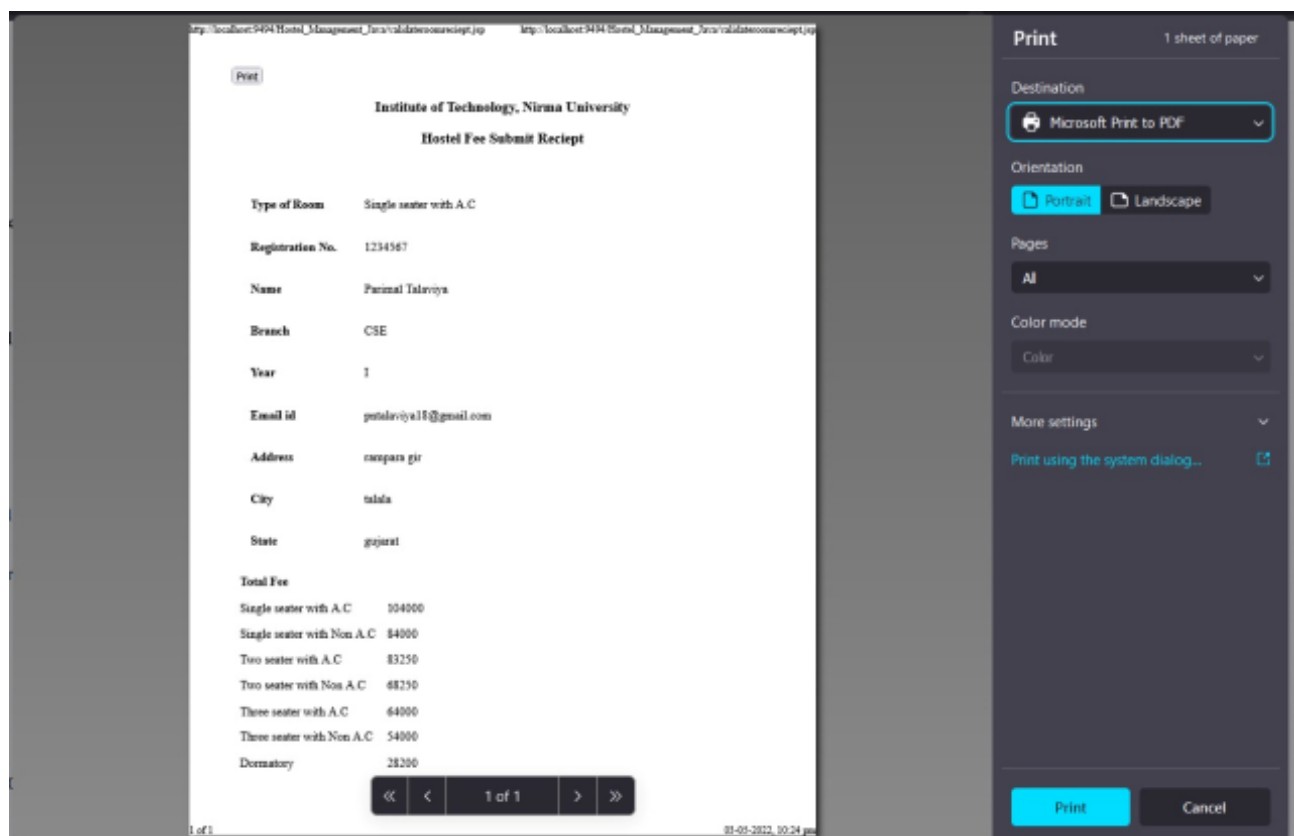
Total Fee

Single seater with A.C 104000

Single seater with Non A.C 84000

Two seater with A.C 83250

Click print button:



THANK YOU