
DATABASE MANAGEMENT SYSTEM LAB REPORT

Submitted for

Database Management System Laboratory

(5ISL1)

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(An autonomous institution affiliated to VTU, Belagavi, Approved by AICTE, New Delhi, Accredited by NAAC with 'A' grade & ISO 9001:2015 Certified)

Tumakuru -572103

Open Ended Project

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Paying Guest Management System

Paying Guest Management System in PHP is web based application. This project is used to manage the student, employee, room details. Paying guest management system developed using PHP and MYSQL

Project Name	Hostel Management System Project in PHP
Language Used	PHP5.6, PHP7.x
Database	MySQL 5.x
User Interface Design	HTML, JAVASCRIPT
Web Browser	Mozilla, Google Chrome, IE8, OPERA
Software	XAMPP / Wamp / Mamp / Lamp (anyone)

PHP is a popular server-side scripting language used to create dynamic websites and web applications. It is widely used for web development, content management systems, server-side scripting, and can be integrated with databases to create dynamic web applications. Its simplicity, flexibility, and support for a wide range of platforms and operating systems make it a preferred choice for our project.

MySQL is a popular open-source relational database management system used to store and manage data in web applications. It is widely used in web development, including for content management systems, e-commerce websites, and online reservation systems. MySQL can store various types of data, including user data, product information, and order details, and it allows for quick and easy retrieval of data, making applications faster and more efficient. Its reliability, scalability, and ease of use make it a preferred choice for many developers.

C.1 Description of Database

Table 1:-Admin

Name	type
id	Int(5)
username	Varchar(25)
email	Varchar(50)
password	Varchar(50)
Reg_date	timestamp
Updation_date	date

Table 2:-Adminlog

Name	type
id	Int(5)
adminid	Int(5)
ip	Varbinary(16)
logintime	timestamp

Table 3:-courses

Name	type
id	Int(5)
Course_code	Varchar(5)
Course_sn	char(7)
Course_fn	Varchar(50)
Posting_date	timestamp

Table 4:-room

Name	type
id	Int(5)
seater	Int(5)
Room_no	Int(5)
fees	Int(5)

Table 5:-states

Name	type
id	Int(11)
state	Varchar(75)

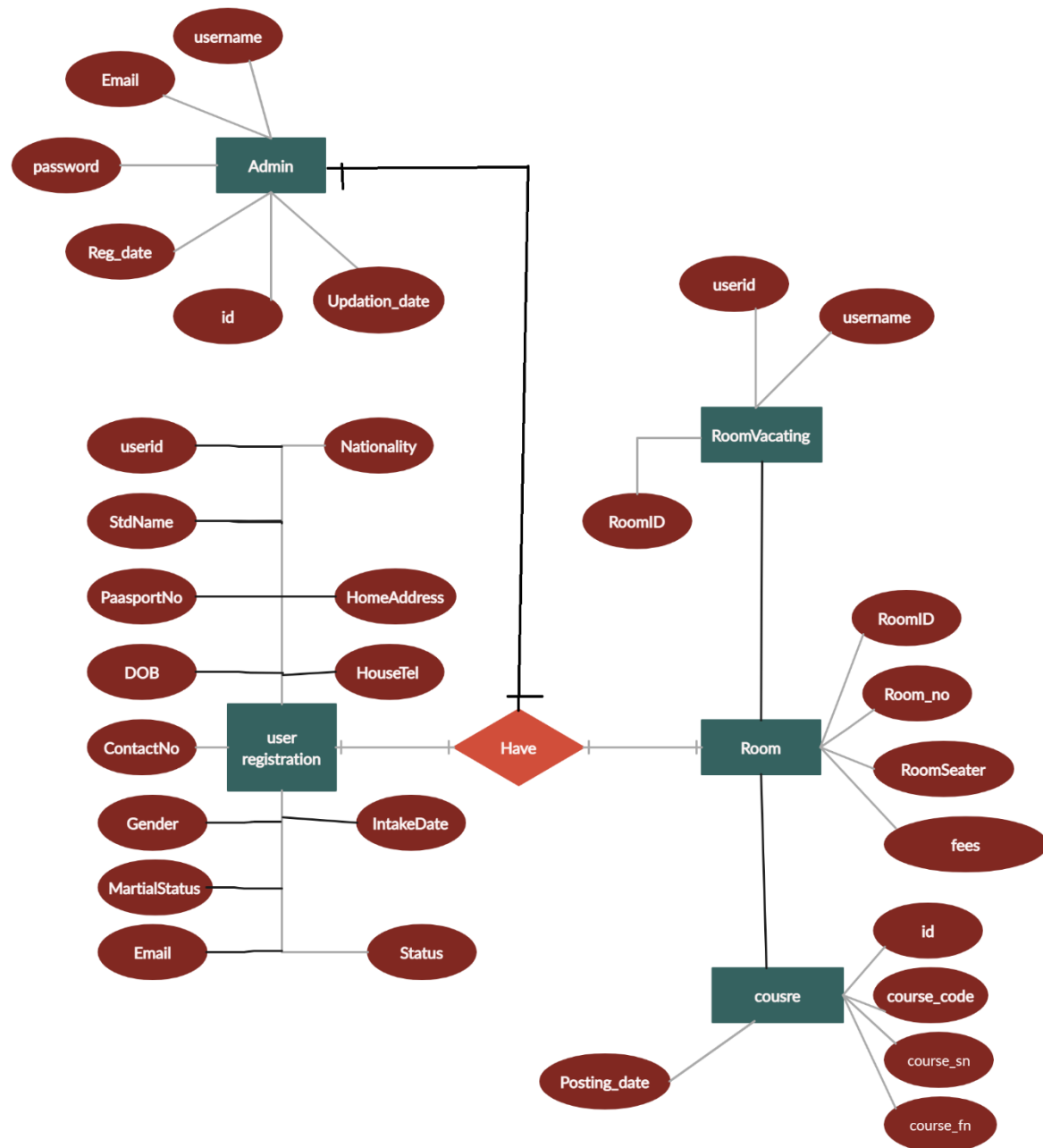
Table 6:-userlog

Name	type
id	Int(5)
usernameid	Int(5)
userEmail	Varchar(50)
userIp	Varbinary(16)
city	Char(50)
country	Char(50)
LoginTime	timestamp

Table 7:-userregistration

Name	type
id	Int(5)
regNO	Varchar(5)
firstName	Char(25)
middleName	Char(25)
LastName	Char(25)
gender	char
contactno	Int(10)
email	Varchar(50)
password	Varchar(50)
regDate	timestamp

C.2 ER Diagram



C.3 Output

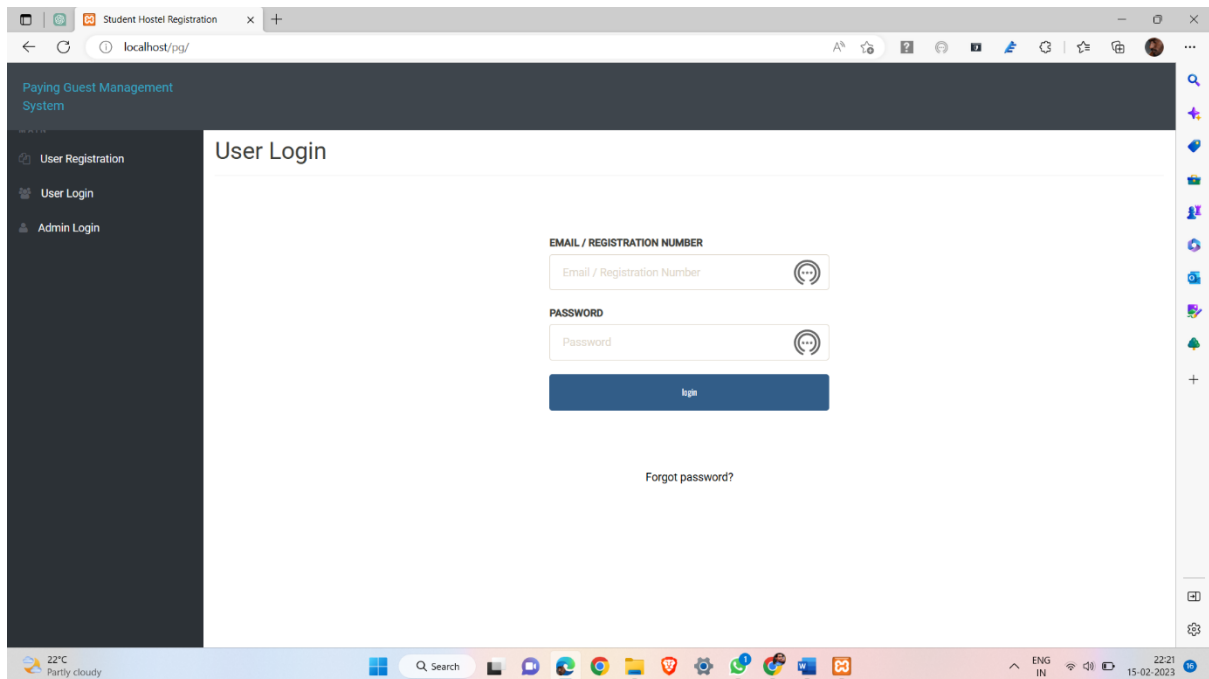


Fig. c.3.1 home page

Fig. c.3.1, Home page of paying guest management indicates the home page user login, admin login and user registration are shown..

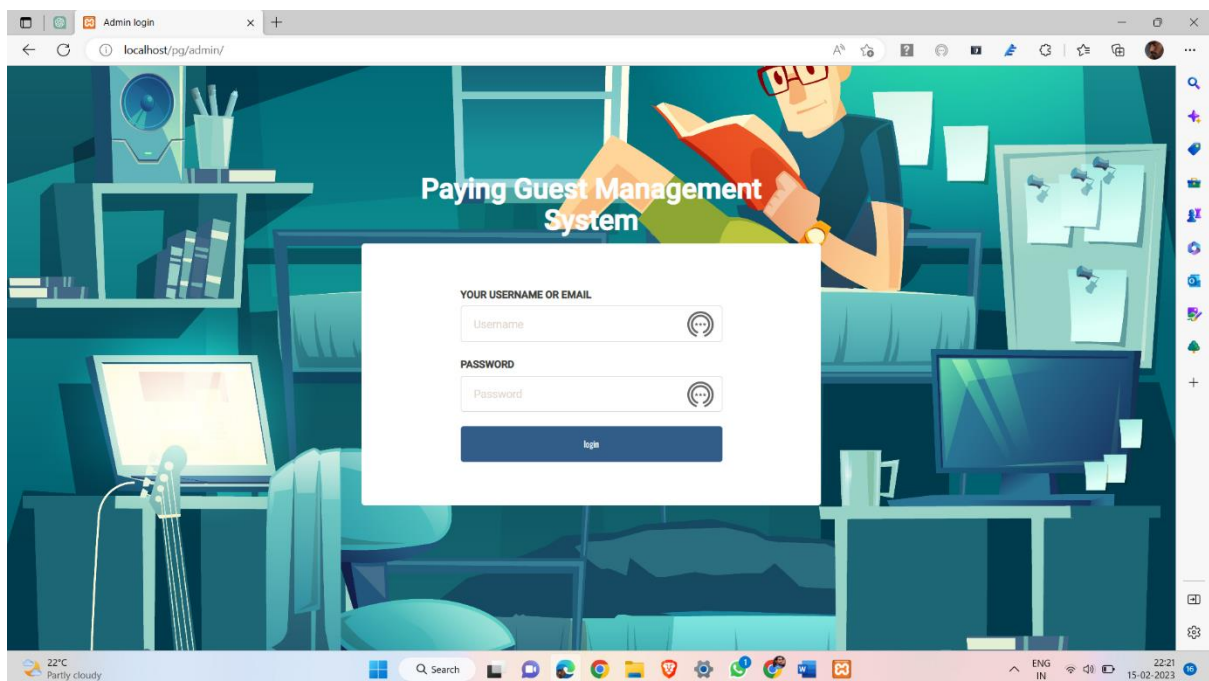


Fig. c.3.2 admin login page

Fig. c.3.2, A login page is a web page that allows a user to access a particular website or online service by entering their credentials, such as a username and password. The purpose of a login page is to authenticate the identity of the user and grant them access to the website or service they are attempting to use.

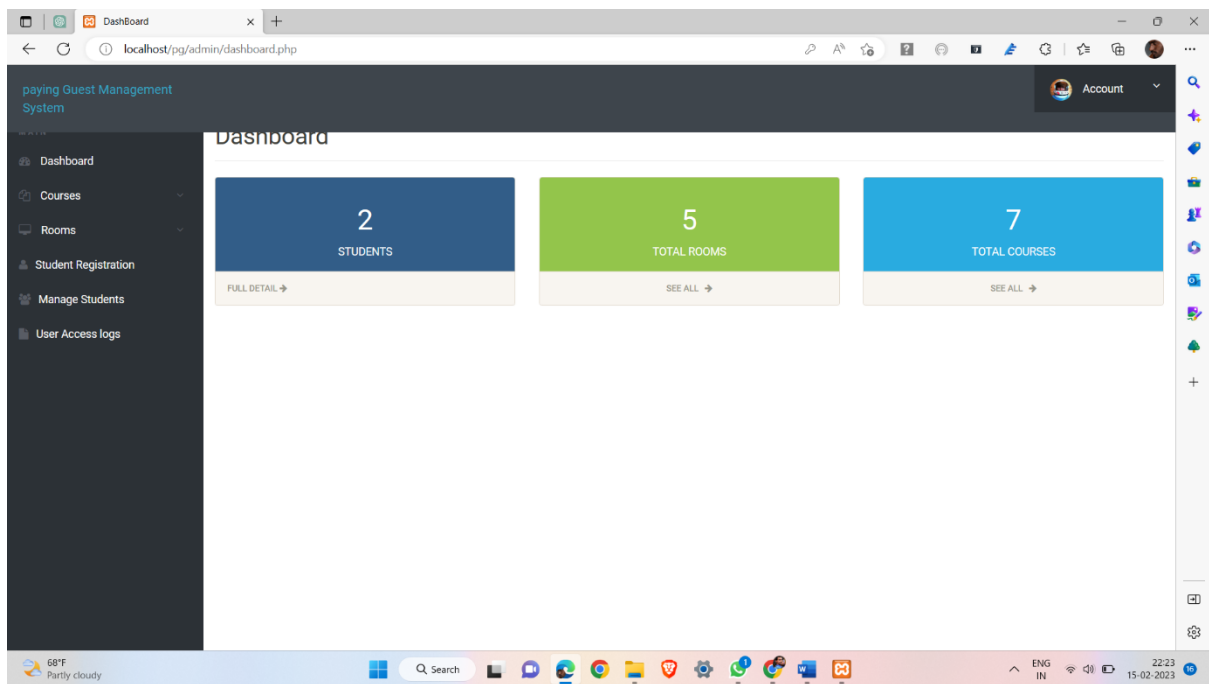


Fig. c.3.3 admin dashboard

Figc.3.3, An admin dashboard is a web-based interface that allows administrators to manage and monitor various aspects of a project. The dashboard typically provides an overview of key metrics, such as user activity, traffic, and engagement, and allows the administrator to access and control various features and functions of the system. Some of the features are students details, total room, total course and so on.

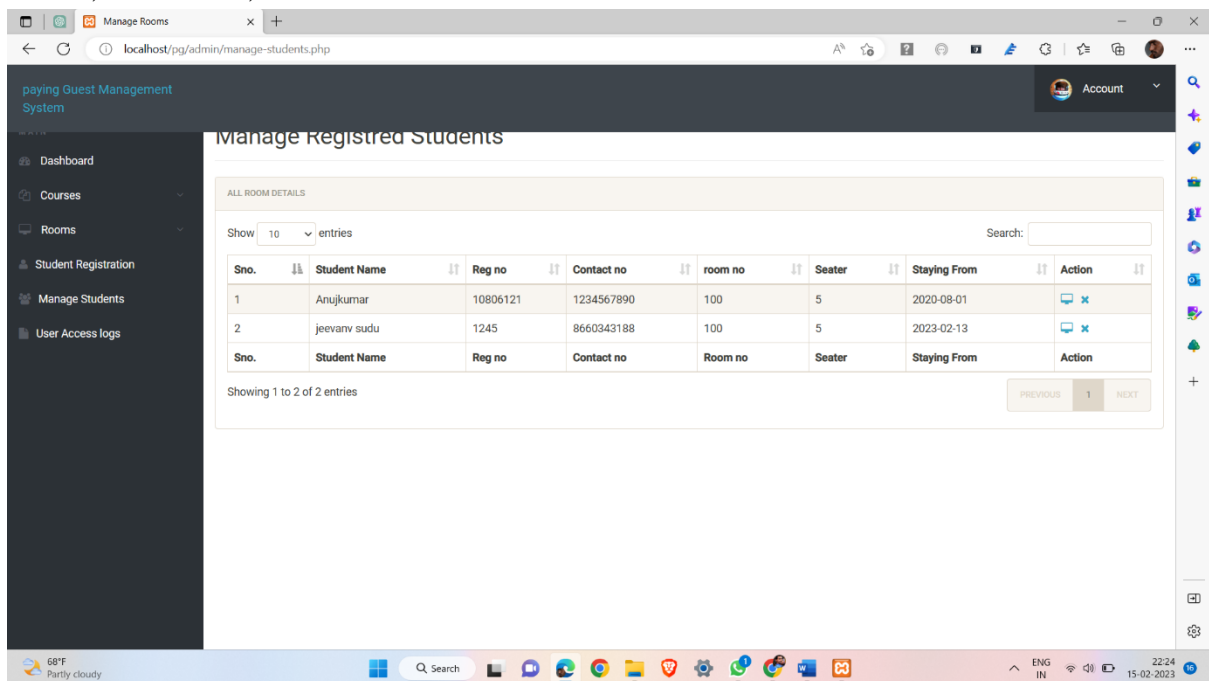


Fig. c.3.4 admin manage Registered Student

Fig. c.3.4 admin manage Registered Student, Managing student registration typically involves a variety of tasks such as collecting and organizing student information, processing registration forms, maintaining student records, and communicating with students and parents.

paying Guest Management System

Room Details

Registration Number : 1245 Apply Date : 2023-02-13 16:19:08

Room no : 100 Seater : 5 Fees PM : 8000

Food Status: Without Food Stay From : 2023-02-13 Duration: 0 Months

Hostel Fee: 0 Food Fee: 0 (You booked hostel without food).

Total Fee : 0

Personal Info

Reg No. : 1245 Full Name : jeevanv sudu Email : jeevan19022002@gmail.com

Contact No. : 8660343188 Gender : male Course : Bachelor of Science

Emergency Contact No. : 961927757 Guardian Name : vanaja Guardian Relation : mother

Guardian Contact No. : 9611627757

Addresses

Correspondence Address : Jeevan V S S/O Shivaraj V K 2-70/1 Haikadi Hiliyana (Poat and village)
Udumli - 576212

Permanent Address : Jeevan V S S/O Shivaraj V K 2-70/1 Haikadi Hiliyana (Poat and village)
Udumli - 576212

Fig. c.3.5 Room Realted info

Fig. c.3.5 Room Realted info , display the student information.

paying Guest Management System

Rooms Details

ALL ROOM DETAILS

Room Realted Info

Registration Number : 1245 Apply Date : 2023-02-13 16:19:08

Room no : 100 Seater : 5 Fees PM : 8000

Food Status: Without Food Stay From : 2023-02-13 Duration: 0 Months

Hostel Fee: 0 Food Fee: 0 (You booked hostel without food).

Total Fee : 0

Personal Info

Guardian Contact No. : 9611627757

Addresses

Correspondence Address : Jeevan V S S/O Shivaraj V K 2-70/1 Haikadi Hiliyana (Poat and village)
Udumli - 576212

Permanent Address : Jeevan V S S/O Shivaraj V K 2-70/1 Haikadi Hiliyana (Poat and village)
Udumli - 576212

Print

Total: 2 pages

Printer: Save as PDF

Layout: Portrait (selected), Landscape

Pages: All (selected), Odd pages only, Even pages only, e.g. 1-5, 8, 11-13

More settings >

Print using system dialog... (Ctrl+Shift+P)

Save Cancel

Fig. c.3.6 Room Details

Fig. c.3.6 Room Details, By clicking the print button , we can get the details of students in pdf form. To print the course description, you can copy and paste the text into a word processing program, such as Microsoft Word or Google Docs. Then, you can adjust the font, size, and formatting as needed to ensure that the printed version is clear and easy to read.

The screenshot shows a web browser window with the URL `localhost/pg/admin/add-courses.php`. The page title is 'Add Courses'. On the left is a sidebar menu with options: Dashboard, Courses, Rooms, Student Registration, Manage Students, and User Access logs. The main content area has a form titled 'ADD COURSES' with three input fields: 'Course Code', 'Course Name (Short)', and 'Course Name(Full)'. Below these fields is a blue 'Add course' button. The browser's taskbar at the bottom shows the system date as 15-02-2023 and time as 22:26.

Fig. c.3.7 add course

Fig. c.3.7 add course, project displays add the course details in add new course column for the admission..

The screenshot shows a web browser window with the URL `localhost/pg/admin/manage-courses.php`. The page title is 'Manage Course'. On the left is a sidebar menu with options: Dashboard, Courses, Rooms, Student Registration, Manage Students, and User Access logs. The main content area has a table titled 'ALL COURSES DETAILS'. The table has columns: Sno., Course Code, Course Name(Short), Course Name(Full), Reg Date, and Action. There are 7 entries listed. Below the table, it says 'Showing 1 to 7 of 7 entries'. The browser's taskbar at the bottom shows the system date as 15-02-2023 and time as 22:26.

Sno.	Course Code	Course Name(Short)	Course Name(Full)	Reg Date	Action
1	B10992	B.Tech	Bachelor of Technology	2020-07-05 01:01:42	Edit Delete
2	BCOM1453	B.Com	Bachelor Of commerce	2020-07-05 01:01:42	Edit Delete
3	BSC12	BSC	Bachelor of Science	2020-07-05 01:01:42	Edit Delete
4	BC36356	BCA	Bachelor Of Computer Application	2020-07-05 01:01:42	Edit Delete
5	MCA565	MCA	Master of Computer Application	2020-07-05 01:01:42	Edit Delete
6	MBA75	MBA	Master of Business Administration	2020-07-05 01:01:42	Edit Delete
7	BE765	BE	Bachelor of Engineering	2020-07-05 01:01:42	Edit Delete
Sl No	Course Code	Course Name(Short)	Course Name(Full)	Regd Date	Action

Fig. c.3.8 view course

Fig. c.3.8 view course,project can see the total course in the manage course.

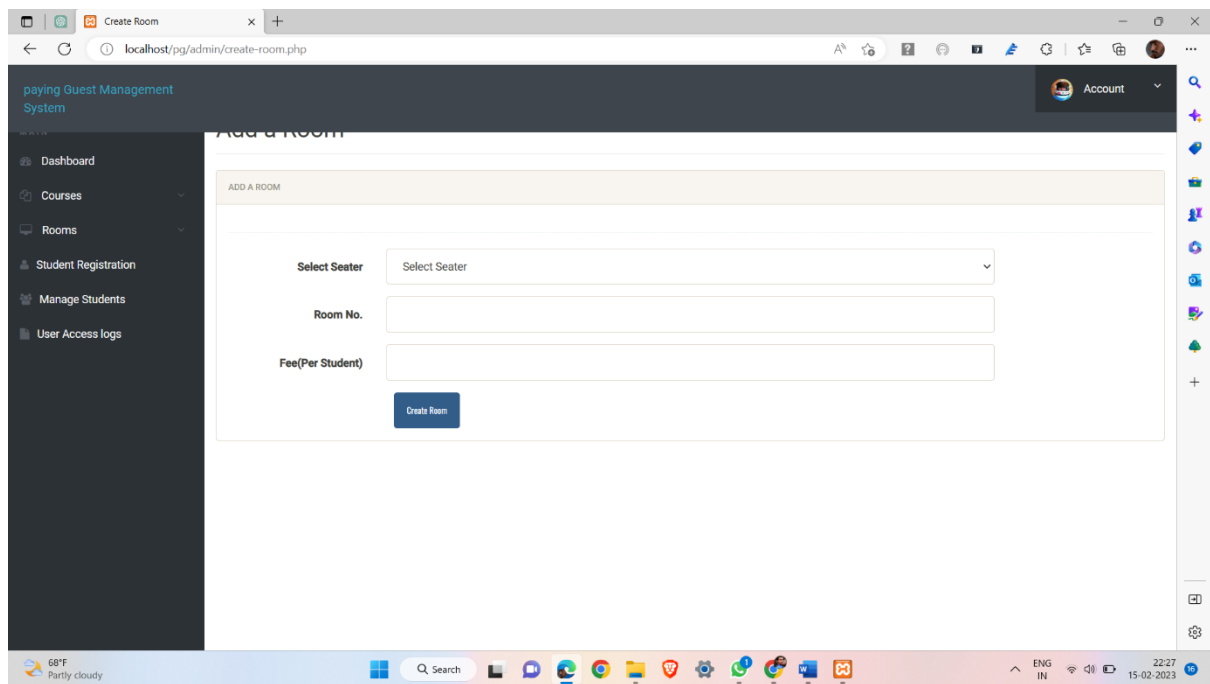
**Fig. c.3.9 add room**

Fig. c.3.9 add room, In the project can add new room, and room number and fees for room depending on the room sharing.

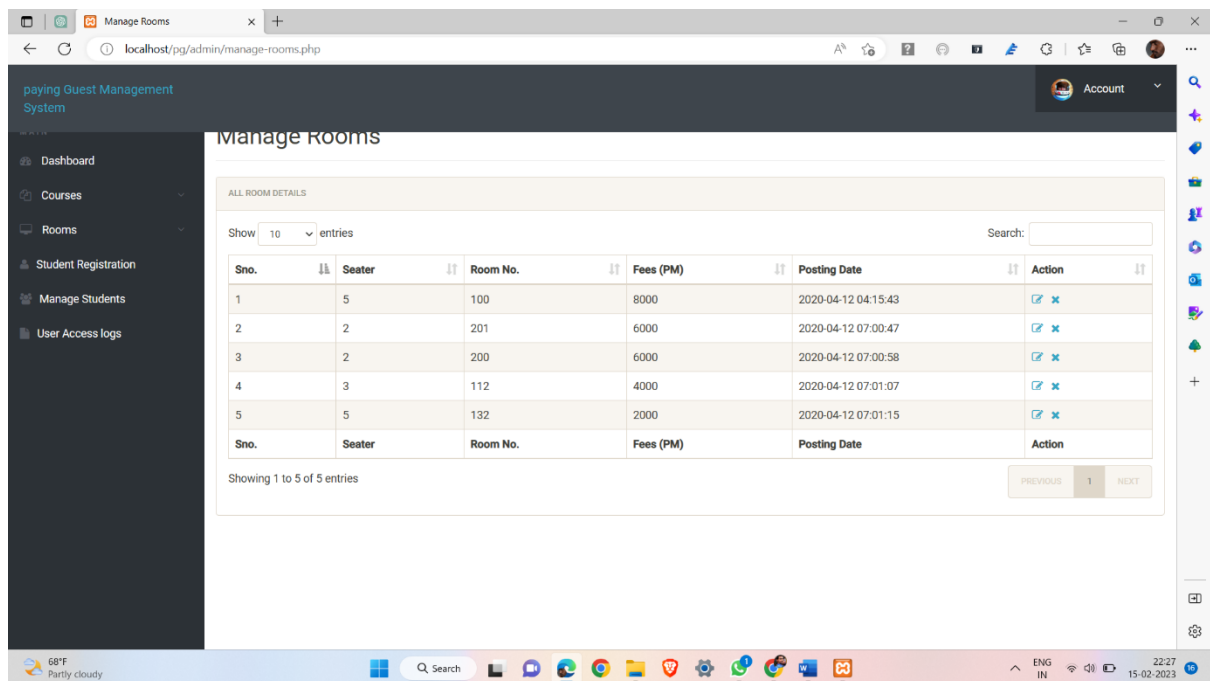
**Fig. c.3.10 view room**

Fig.c.3.10 project can get list of room, number of seater, fees and we can also alter it.

Fig. c.3.11 Student registration

Fig c.3.11 Student registration,project can do student registration like room no, date of join , period of living , and personal information like course , registration no, name , places , father and mother , email, phone number and so on

Fig. c.3.12 user login

Fig. c.3.12 user login,In user login , project has to enter the email address and phone number as the password for view their details. A login page is a web page that allows a user to access a particular website or online service by entering their credentials, such as a username and password. The purpose of a login page is to authenticate the identity of the user and grant them access to the website or service they are attempting to use.

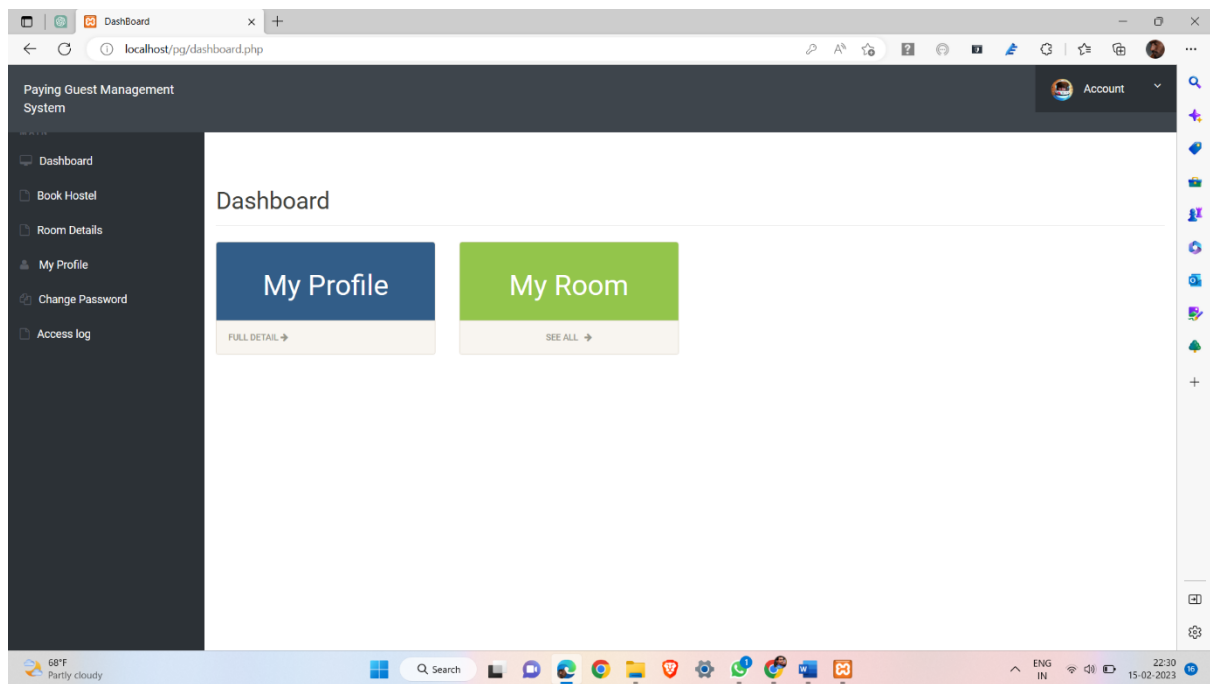


Fig. c.3.13 user dashboard

Fig. c.3.13 user dashboard ,After user login, project get user dashboard in that we get user profile and his room details.

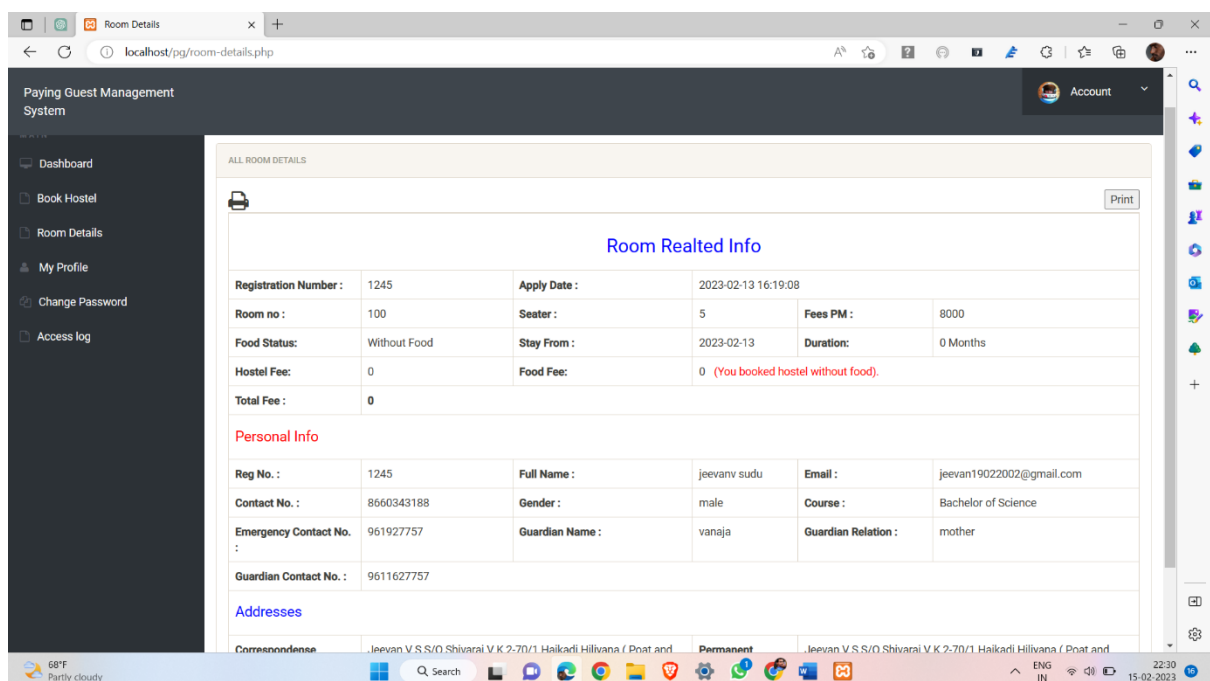


Fig. c.3.14 student Details

Fig. c.3.14 student Details, By clicking on my profile , user can get his his all details to view.

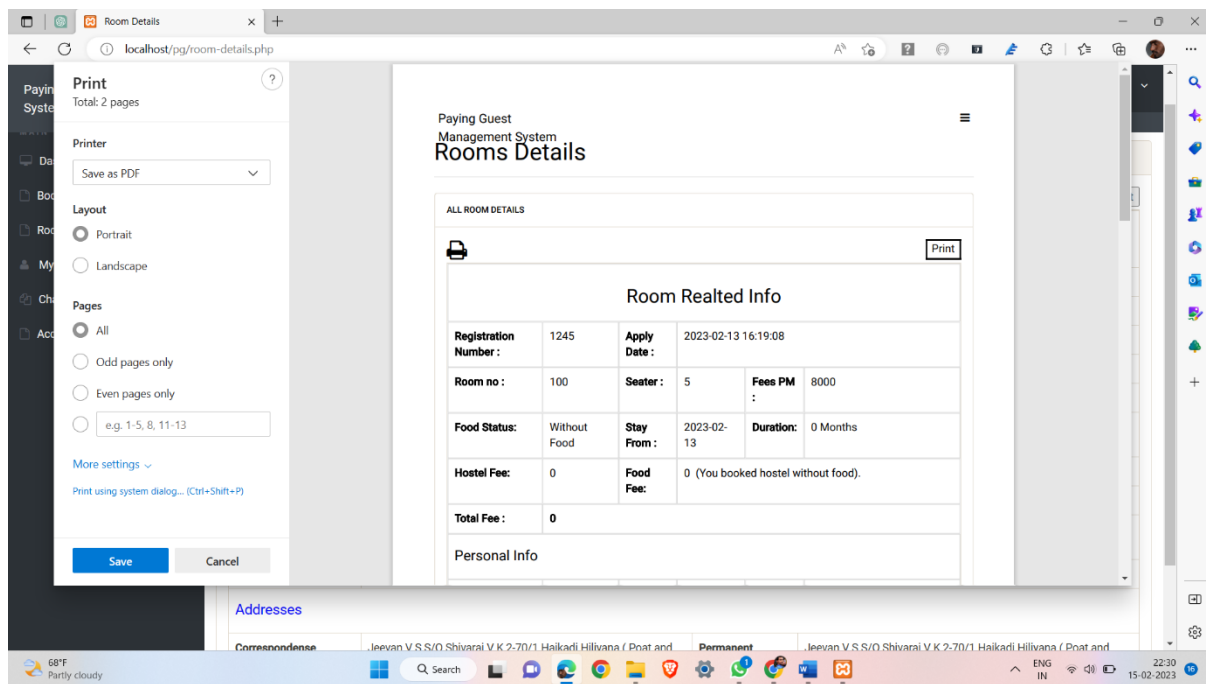


Fig. c.3.15 student print

Fig. c.3.15 student print user details in pdf format and can be shared to everyone. To print the course description, you can copy and paste the text into a word processing program, such as Microsoft Word or Google Docs. Then, you can adjust the font, size, and formatting as needed to ensure that the printed version is clear and easy to read.