ONLINE HOSTEL RECORD SYSTEM

A PROJECT REPORT

INDIRA GANDHI NATIONAL TRIBAL UNIVERSITY

AMARKANTAK

DECEMBER 2024

Submitted by

Chandrabhan Parachhi

Enrollment :2201151010

in partial fulfillment for the award of the degree of

Bachelor of Computer Application

INDIRA GANDHI NATIONAL TRIBAL UNIVERSITY

CERTIFICATE

Certified that this project report **"Web-Based Application For Efficient Hostel Administration At The University Level "** is the bonafide work of "**Chandrabhan Parachhi "** who carried out the project work under my supervision.

Dr. Narayan P Bhosale

(Project Guide)

Department of Computer Science

Indira Gandhi National Tribal University, Amarkantak

INDIRA GANDHI NATIONAL TRIBAL UNIVERSITY

CERTIFICATE

Certified that this project report **"Web-Based Application For Efficient Hostel Administration At The University Level"** is the bonafide work of "**Chandrabhan Parachhi"** who have successfully carried out the project.

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Project Coordinator
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Head of Department
Department of Computer Science
IGNTU, Amarkantak,

DECLARATION

"I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person nor material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text".

Date: 11/12/2024 Chandrabhan Parachhi

(Signature)

Acknowledgement

We have great pleasure in the submission of this project report entitled **Web-Based Application For Efficient Hostel Administration At The University Level for The Department of Computer Science, Indira Gandhi National Tribal University, Amarkantak (Madhya Pradesh)** in partial fulfilment the degree of **Bachelor in Computer Application**. While submitting this Project report, we take this opportunity to thank those directly or indirectly related to project work.

We would like to express sincere thanks and gratitude to **Dr. Neeraj Kumar Rathore,** Head of the Department of Computer Science, and **Dr. Vikash Singh,** Dean of the Faculty of Computer Science , Indira Gandhi National Tribal University, Amarkantak (Madhya Pradesh).

We would like to thank our guide **Dr. Narayan P. Bhosale** who provided the opportunity and organized the project for us**.** We are also thankful to **Dr. Neeraj Kumar Rathore, Dr. Vikash Singh, Dr. Suhel Ahmad Khan, Dr. Sudesh Kumar** who continuously helped and guided throughout the course of project. Without their active co-operation and guidance, it would have become very difficult to complete task in the assigned time.

Acknowledgement is due to our parents, family members, friends and all those persons who have helped us directly or indirectly in the successful completion of the project work.

Chandrabhan Parachhi

Enrollment - 2201151010

(signature)

ABSTRACT

The **ONLINE HOSTEL RECORD SYSTEM** project is designed to smoothly manage the hostel operations, including student registration, room allocation, and managing their stay. The system facilitates the registration of new students, stores their personal and accommodation details, and manages room bookings. Each student is assigned a unique ID, which allows for easy tracking of their stay and room assignments.

Users can search for room availability and view student details using the respective IDs. The software is secured with a login system that ensures access is granted only to authorized users such as the administrator and hostel staff. Only these users can add, update, or delete data from the system, maintaining the integrity and security of the database. The system is built with a user-friendly interface, allowing for easy data retrieval and processing while ensuring the protection of personal information.

The Hostel Management System consists of two main modules: the Administration module and the User module, which includes hostel staff and students. The administrator manages student registrations, room assignments, and other hostel-related tasks. Students can check their room assignments, view accommodation details, and request room changes if necessary. The system also provides a platform for students to pay hostel fees online. Any complaints raised by students are forwarded to the relevant authorities for resolution. The system ensures efficient management of hostel operations and fast processing, offering a secure and user-friendly solution for hostel administration.

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LIST OF TABLE USED IN THE PROJECT

Chapter 1

Introduction :-

1.1 Introduction

Working of project is to manage rooms of hostel and availability of room allotment details so that we can search records quickly and generate electronic report within a second. This project also keeps details of the hostellers and applied students managed by Warden who is the administrator. For accommodate a large number of students into hostel. This project aim is to minimize human works and make hostel allocation is an easier job for students and hostel authorities by providing online application for hostel. Students will get approval notification in their mails. Hostellers can view notice board, hostel fee by login into the online system.

1.2 Objective

Maintain the students as hostellers and waiting list students separately Process allotment list. Admin can send the approval notification to every approved student via email. Automatically insert student's details to the hosteller's record when the allotment is confirmed by the admin and deleted when vacation is conformed or after the course end date. Admin can edit notice board and each student can view it and Hostel warden can calculate hostel fee. Hostellers can check the status of every year’s hostel fee.

- To automate each and every activity of the manual system, which increases its throughput
- To provide a quick response with very accurate information as and when required.
- To make the present manual system more interactive, speedy and user friendly
- To avail any information, whatever and whenever needed
- Reduce the cost of maintenance

Chapter 2

Problem Identification

2.1 Problem Definition

There are a lot of drawbacks in keeping and maintaining a hostel. Especially with a manual system. Since most hostels are being run by only one hostel manager, the number of students in a room are sometimes not known by the officer. He has to go room by room to ensure that a room is occupied or not. Sometimes people may be owing in the hostel and they are saved on papers or huge notebooks, and sometimes receipts. If the books should go missing or stolen, one would never be able to know if a student is owing or not. Room allocation also becomes a problem as the officer might not know which rooms are available or not. And some hostels have a lot of rooms or have mare storeys and it would be very tedious to go through all storeys in search of a free room for an applicant. Also the officer might not know the number of students in a room or know if a room is full or not.

2.2 Existing System

In IGNTU GGBB hostel existing system there is lot of paper work and manual record keeping system hence it is very time consuming and tedious process.
In the existing system we can apply for the hostels online via google form but the allotment processes are done manually. It may lead to corruptions in the allocation process as well as hostel fee calculation. The existing system does not deals with hostel feedback, suggestion and complaint registration. The existing system also doesn't show the list of facilities hostels provide at one place in the form of list.
The existing system is manual based and need lot of efforts and consume enough time. In the existing system we can apply for the hostels online but the allotment processes are done manually. It may lead to corruptions in the allocation process as well as hostel fee calculation. The existing system does not deals with mess calculation and complaint registration.

2.3 Proposed System

This project is aimed at developing a system for keeping records and showing information about or in a hostel. This system will help the hostel warden to be able to manage the registration and allotment activity of the hostel. This system will provide full information about a student in the hostel. It will show rooms available or not and number of students in a particular room. This will also provide information on students who have paid in full or are still owing. This system will also provide a report on the summary detail regarding fees and bills students are owing. Also included is a user module for employees or the hostel officer. There will also be an administrator module which will accessed by the administrator and has the ability to delete, add and edit employee records. This system will be developed based on Software Development Life Cycle (SDLC) with PHP and XAMPP server. PHP And JS is good for the development and design of web based programs whiles XAMPP is good for databases because of its security and its advanced features and properties.

Chapter 3

Feasibility Study

The technical feasibility in the proposed system deals with the technology used in the system. It deals with the hardware and software used in the system whether they are of latest technology or not and if it happens that after a system is prepared, a new technology arises and the user wants the system based on that technology. This system use windows platform, Apache XAMPP server, MySQL for database, PHP as the language and html or xml as user interface. Thus ONLINE HOSTEL RECORD SYSTEM is technically feasible

3.1 Technical Feasibility

In Technical Feasibility, current resources both hardware software along with required technology are analyzed and assessed to develop project. This technical feasibility study gives report whether there exists correct required resources and technologies which will be used for project development. Along with this, feasibility study also analyzes technical skills and capabilities of technical team, existing technology can be used or not, maintenance and up- gradation is easy or not for chosen technology etc.

3.2 Operational Feasibility

In Operational Feasibility, degree of providing service to requirements is analyzed along with how much easy product will be to operate and maintenance after deployment. Along with these other operational scopes are determining usability of product, determining suggested solution by software development team is acceptable or not etc.

3.4 Economic Feasibility

In Economic Feasibility study cost and benefit of the project is analyzed. Means under this feasibility study a detail analysis is carried out what will be cost of the project for development which includes all required cost for final development like hardware and software resource required, design and development cost and operational cost and so on. After that it is analyzed whether project will be beneficial in terms of finance for organization or not.

Chapter 4

Requirement Analysis

4.1 Functional Requirement

Number of module

After careful analysis, this system has been identified to have the following modules:

1.**Administrator Module**

In administrator module administrator manages the master data's like - admin login, manage server details and update student details, accept the application of students, view the application forms, reject the fake applications, view the complaints of the students in the hostel ,accept the vacating form and delete from the database and edit the notice boards.

1.Dashboard :- Admin can view total number of UG and PG students living the hostel and admin can also view total number of rooms allotted and empty.

2.Student Register :- Admin can register student details in the database and allot the room.

3.Manage Student :- Admin can manage all the details related to student , like update existing details, view all the information of the student and delete the particular student details that are not exists in the hostel .

4.Manage Rooms :- Admin can also manage the hostel room like add new room, update room details and delete the particular room.

5.Manage Id Card :- Admin can generate the student hostel id card .

6.Show Users :-admin can view all student user id

7.Fee Details :- Admin can view the student fee details.

8.Notice Board :- Admin can post new notice that are related to students

9.Complaints:- Admin can view the complaints of the students in the hostel and reply to the particular student about the problem.

10.Application:- Admin can accept the application of students, view the application forms, reject the fake applications

2.**Student Module**

In student module student can perform different type of operation like-Student login, Student can submit online hostel application form and change password ,Student can check hostel allotment status, View notice board, Submit hostel fee and view and download yearly hostel fee receipt ,Register Complaint .

1.Dashboard :- In the dashboard section students can view their profile details and room related information.

2.View Profile:- In the view section students can view their profile details.

3.View Id Card :- In the view id card section students can view and download their id card.

4.Update Profile:- In the update profile section students can update their profile.

5.Complaint :- Students can complaint the problem to the warden related to room, electricity, cleaning etc.

6.Change Password :- In the change password section student can change their profile password .

4.2 Non Functional Requirement

- The system should be reliable. It should always running.
- The system should have high performance.

4.3 Hardware Requirement

The section of hardware configuration is an important task related to the software development. Insufficient random access memory may affect adversely on the speed and efficiency of the entire system. The process should be powerful to handle the entire operations. The hard disk should have sufficient capacity to store the file and application.

1. **Users Processor**: Pentium IV and above Processor speed: 1.4 GHz Onwards
2. **System Memory**: 128 MB minimum (256 MB recommended) Cache size: 512 KB
3. **RAM:** 512 MB (Minimum)
4. **Network Card***:* Any card can provide a 100mbps speed Network connection.
5. **Hard disk**: 1 TB HDD is plenty for web designing. You can choose a 512GB SSD in a place of 1 TB HDD. Prefer SSD over HDD ram.
6. **Mouse:** 104 keys US Key Serial, USB or PS/2
7. **Clock Speed :** For the best performance, choose a 3GHz or more.

8. **Graphics :** If you use less graphics for your web designing then you can go with integrated graphic card. If you want to do more graphic related work in web designing the you can go with a system with dedicated graphics card.

4.4 Software Configuration

A major element in building a system is the section of compatible software since the software in the market is experiencing in geometric progression. Selected software should be acceptable by the firm and one user as well as it should be feasible for the system. This document gives a detailed description of the software requirement specification. The study of requirement specification is focused specially on the functioning of the system. It allow the developer or analyst to understand the system, function to be carried out the performance level to be obtained and corresponding interfaces to be established

1. **Technology Implemented:** Apache Server
2. **Language Used:** HTML, CSS, PHP , JAVA SCRIPT
3. **Database:** MySql XAMPP Server
4. **User Interface:** HTML,CSS
5. **Web Browser:** Google Chrome ,Internet Explorer, Microsoft edge
6. **Software:** MySQl Server & XAMPP
7. **Operating System :** Windows 10,11
8. **Code Editor :** Visual Code Studio (vs code)

Chapter 5

Review of Previous work

- In IGNTU GGBB hostel existing system there is lot of paper work and manual record keeping system hence it is very time consuming and tedious process.
- In the existing system we can apply for the hostels online via google form but the allotment processes are done manually.
- It may lead to corruptions in the allocation process as well as hostel fee calculation.
- The existing system does not deals with hostel feedback, suggestion and complaint registration.
- The existing system also doesn't show the list of facilities hostels provide at one place in the form of list.
- The existing system is manual based and need lot of efforts and consume enough time. In the existing system we can apply for the hostels online but the allotment processes are done manually.
- It may lead to corruptions in the allocation process as well as hostel fee calculation. The existing system does not deals with mess calculation and complaint registration

Chapter 6

Project Description

The **Online Hostel Record System** is a comprehensive web-based solution designed to manage and streamline hostel-related operations efficiently. This system aims to provide a hassle-free, user-friendly platform for administrators, staff, and residents to interact and manage all aspects of hostel management online. The primary purpose of the Online Hostel Management System is to digitize and automate manual hostel management tasks, reducing errors and enhancing operational efficiency. By centralizing data and processes, the system ensures real-time access to information and smooth coordination between stakeholders.
This system is suitable for universities, colleges, and private hostels managing accommodations for students or working professionals. It provides tools for room allocation, fee tracking, resident records, maintenance management, and communication between hostel administrators and residents.

In this website, we have used different technologies with the help of tools available in the market. We have described the use of each technology one by one in the next section.
We have used **HTML (Hypertext Markup Language)** to define elements like headings, paragraphs, links and images, organizing information in a readable format for browsers.
We have used **CSS (Cascading Style Sheets)** to enhance the presentation and aesthetics of our web pages. CSS has allowed us to enhance the layout, colors, typography and other visual aspects of our websites.
We have used JavaScript to empower our website with dynamic and interactive functionalities, enhancing user experience and interactivity. It facilitated in tasks like

form validation, animations and communication with servers, enhancing responsiveness.

We have used **PHP (Hypertext Preprocessor)** as server-side scripting language for dynamic content generation, database interaction and server-side processing. We have integrated it with HTML, for enhanced functionality. We have used different features of PHP like user authentication, form handling, session management. we have used

Bootstrap to design customizable themes including UI components, such as buttons, forms, and navigation bars.

We have used XAMPP as web server. It includes Apache, MySQL, and PHP, giving a

complete environment to run our website.

We have used MySQL as RDBMS (Relational Database Management System) to store, retrieve and manipulate the structured data. We have integrated MySQL with web servers and our PHP code to facilitate dynamic content generation and interaction with our website.

We have used Apache as the server to handle users' requests and deliver our web content efficiently. We have also used Apache for hosting.

We have used Chrome for presenting our website. Chrome comes with Developer tools which helps to inspect and manipulate HTML, CSS and JavaScript in real-time.

Iterative Waterfall Model:

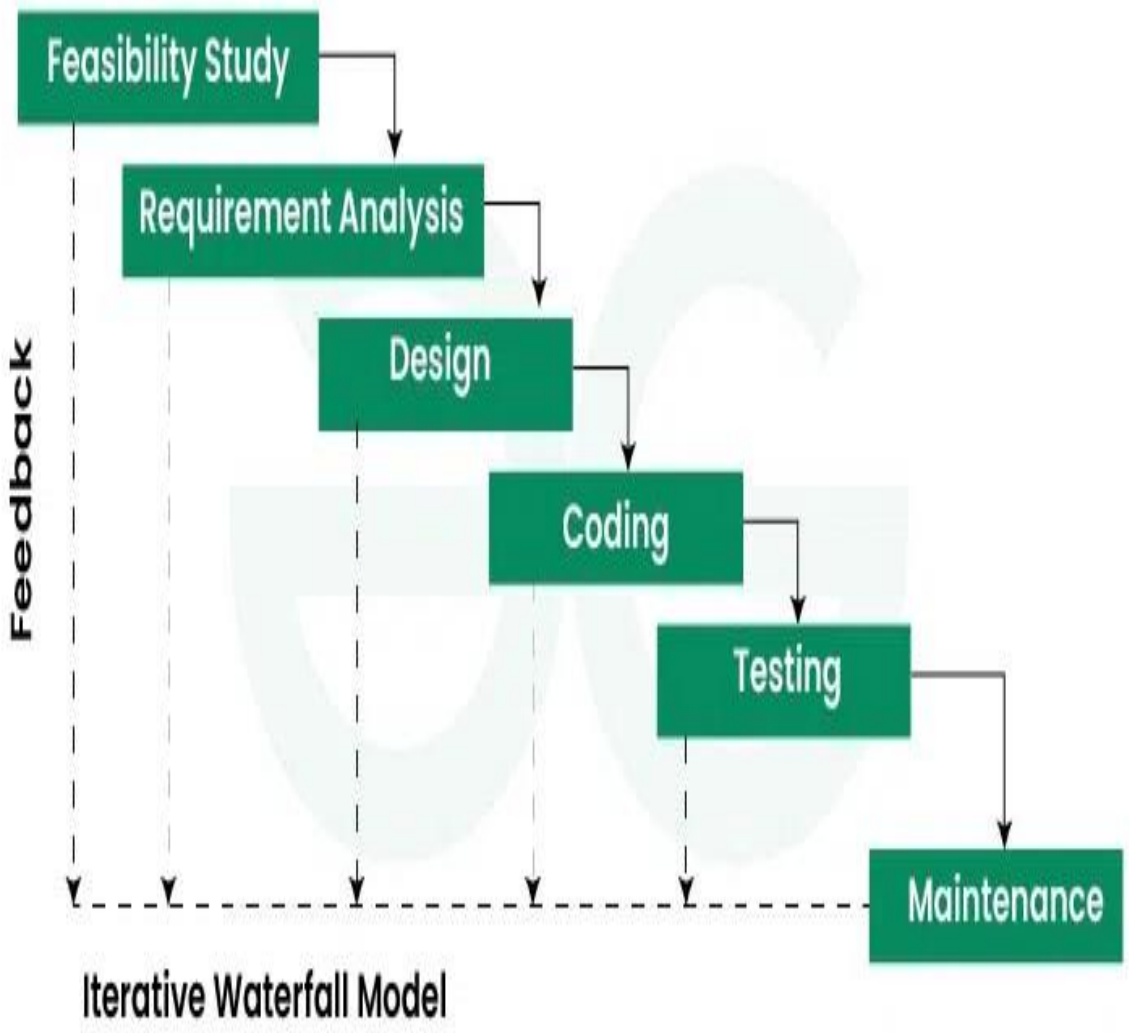
The Iterative Waterfall Model is a software development approach that combines the sequential steps of the traditional Waterfall Model with the flexibility of iterative design. It allows for improvements and changes to be made at each stage of the development process, instead of waiting until the end of the project. The

iterative waterfall model provides feedback paths from every phase to its preceding phases.

When errors are detected at some later phase, these feedback paths allow for correcting errors committed by programmers during some phase.

The feedback paths allow the phase to be reworked in which errors are committed and these changes are reflected in the later phases.

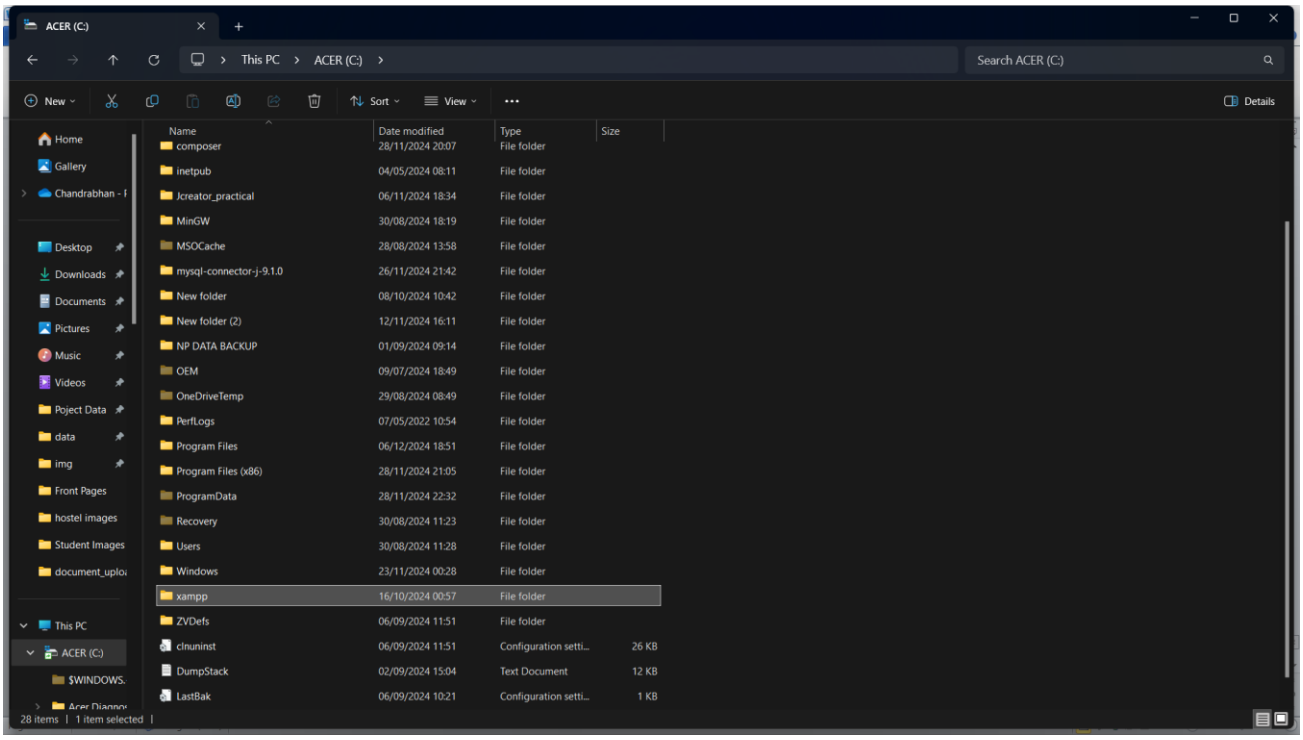
There is no feedback path to the stage – feasibility study, because once a project has been taken, does not give up the project easily.



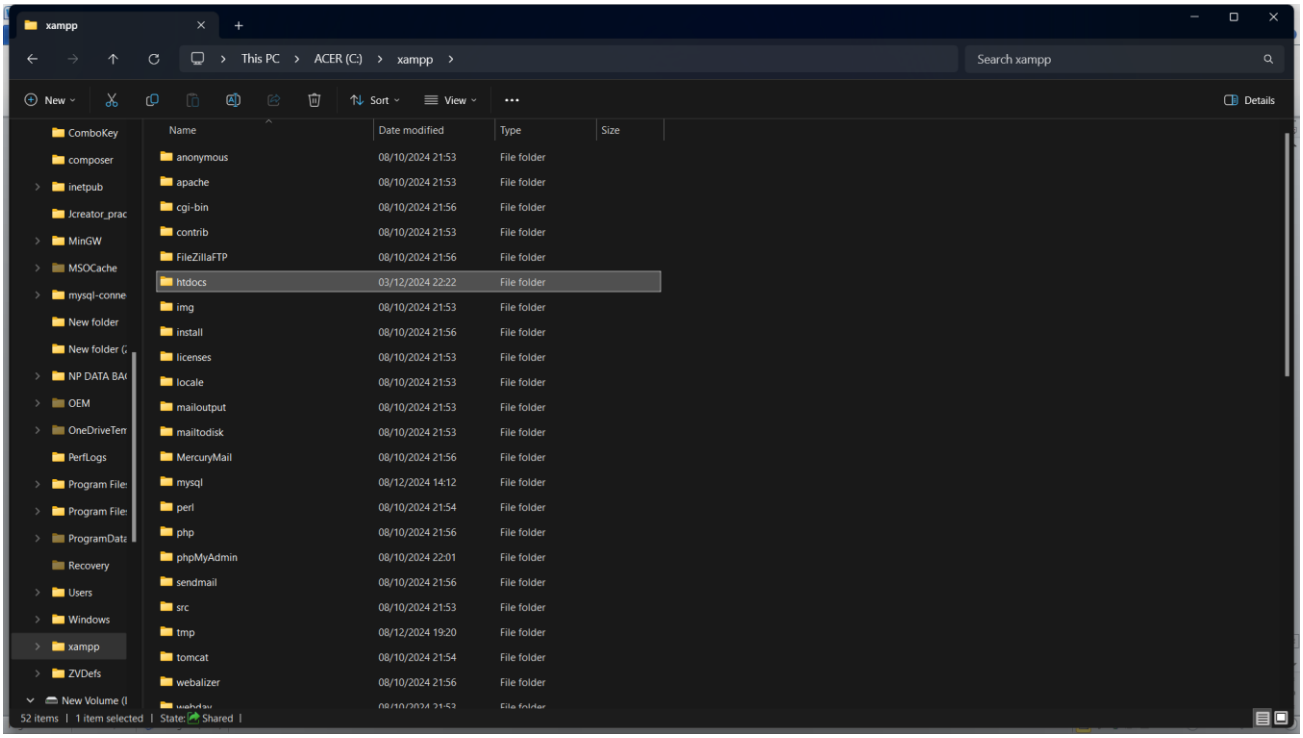
Phases of Iterative Waterfall Model

Project Path Setup

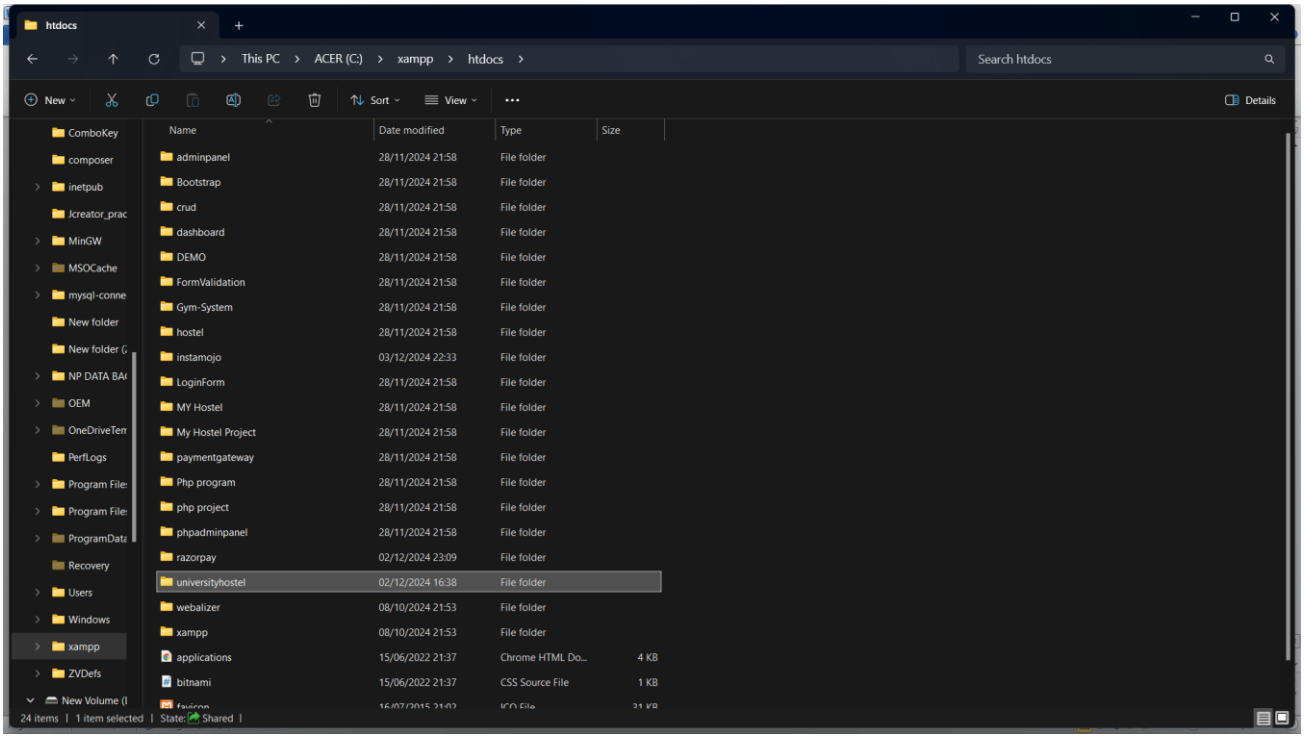
- My project file is in XAMPP inside Window (C:)



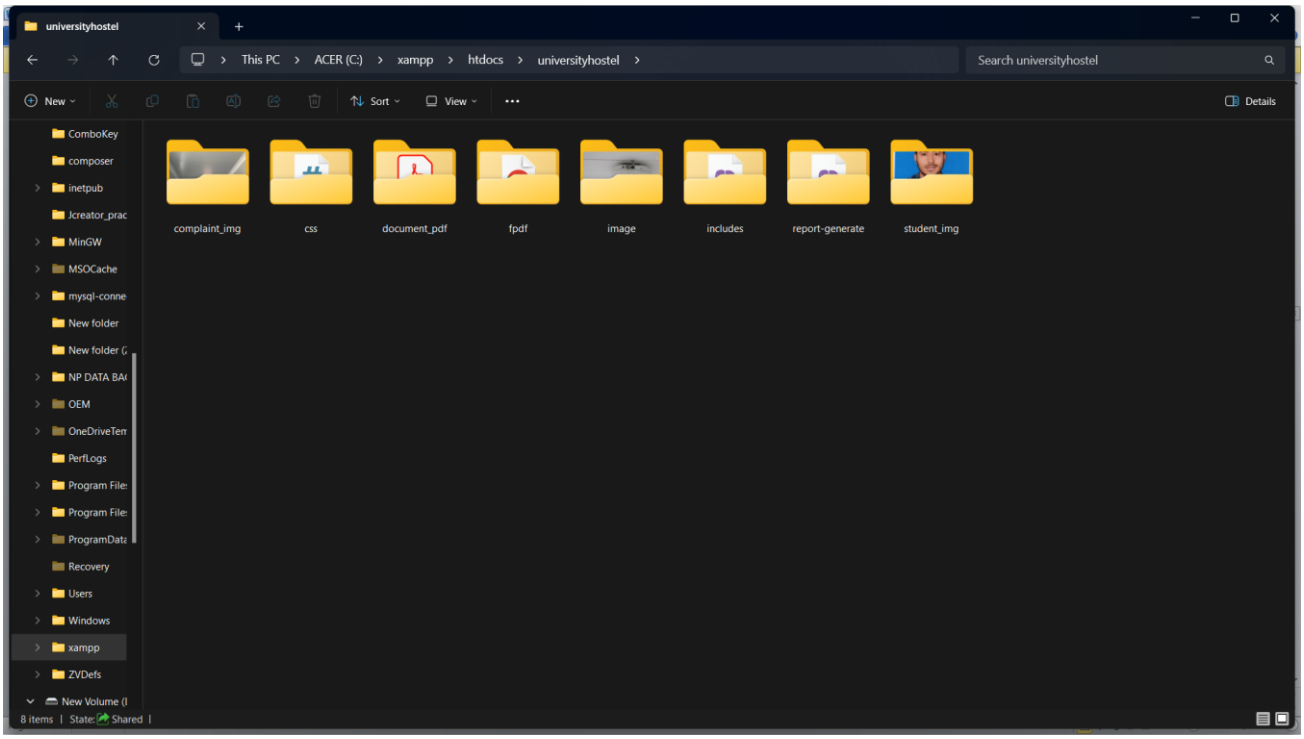
- In htdocs inside XAMPP folder



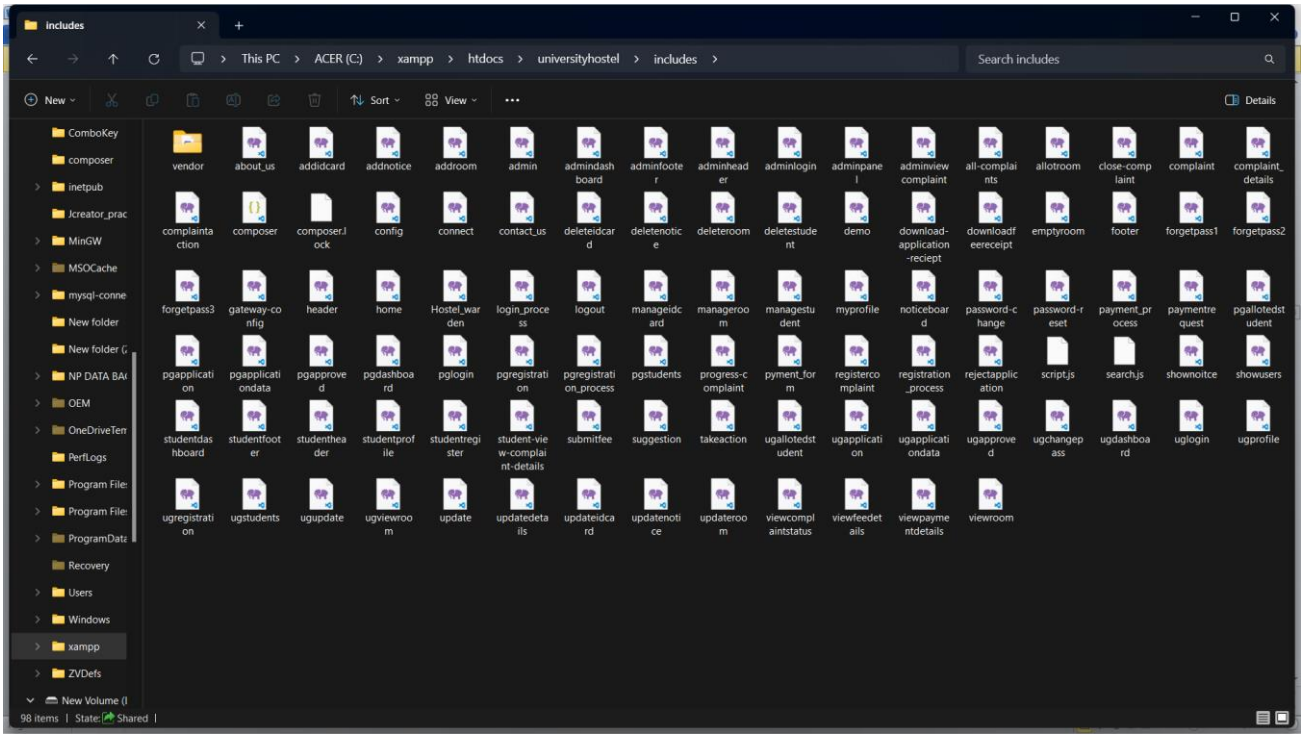
- Inside htdocs Folder in universityhostel Folder



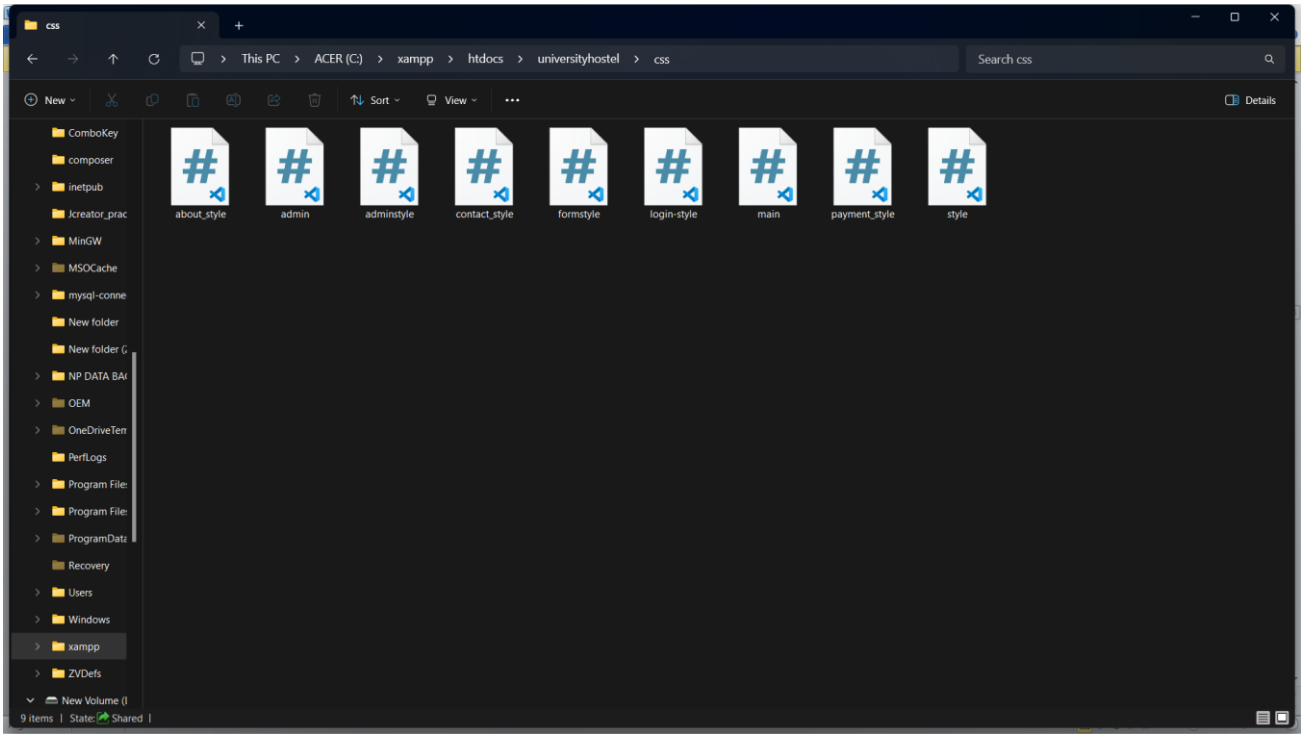
- The complete html, css, JavaScript and php file of the project is inside the universityhostel in the format PHP, IMAGE, css folder, is folder.



- All PHP Files



- All CSS Files



Chapter 7

Design

7.1 Context Diagram

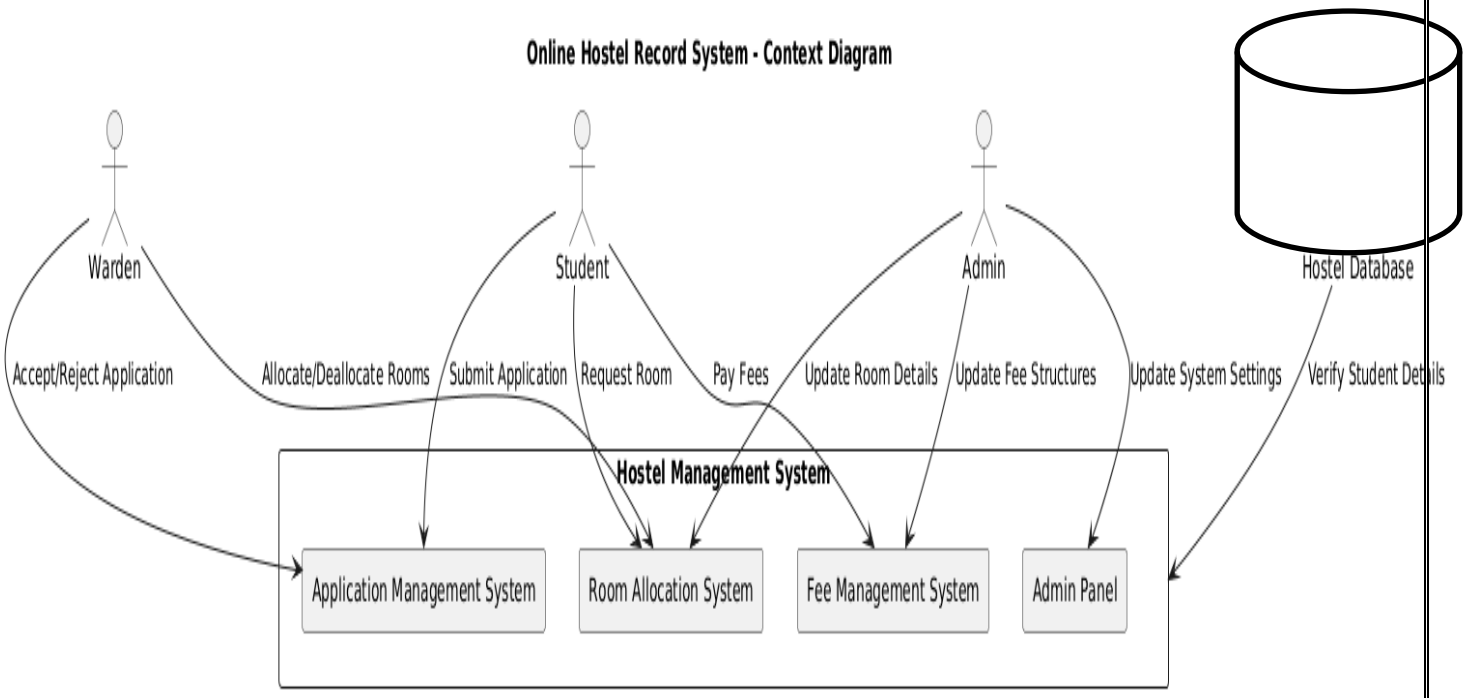


Figure 1

7.2 Data flow Diagram (DFD)

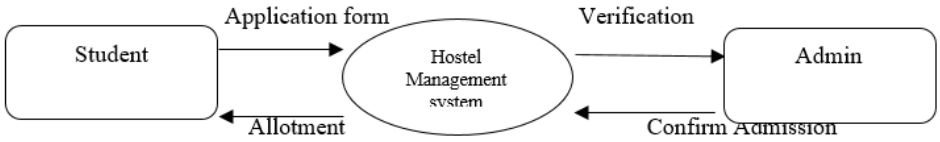


Fig 1 DFD For Allotment Process

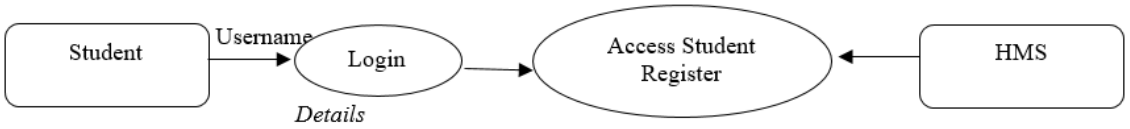


Fig 2 DFD For Student Login

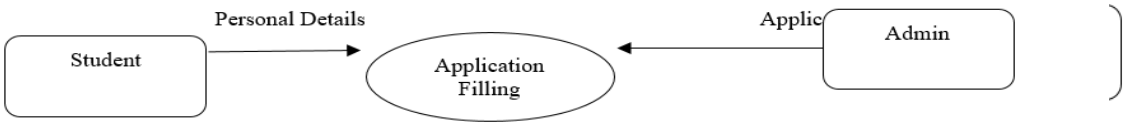


Fig 3 DFD For Student Registration

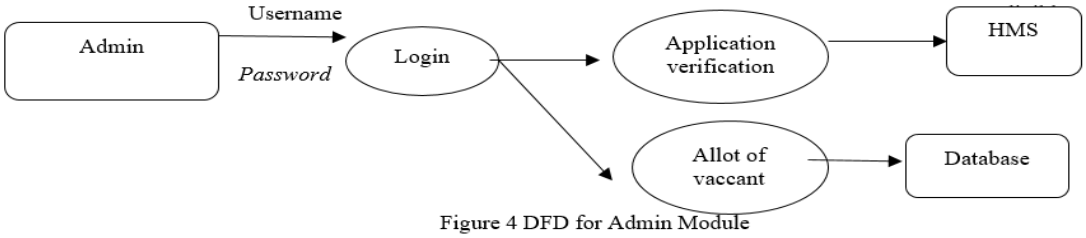
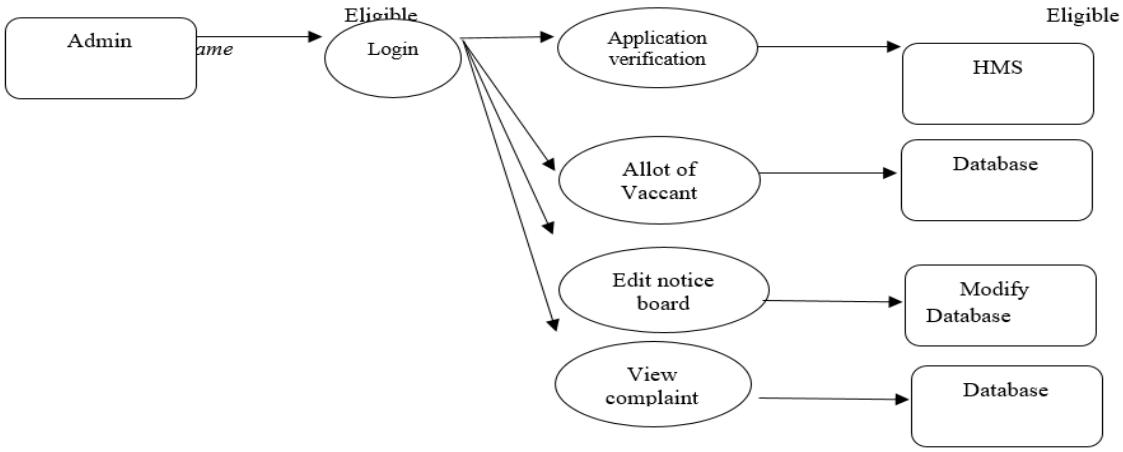


Figure 4 DFD for Admin Module



7.3 Entity Relationship Diagram

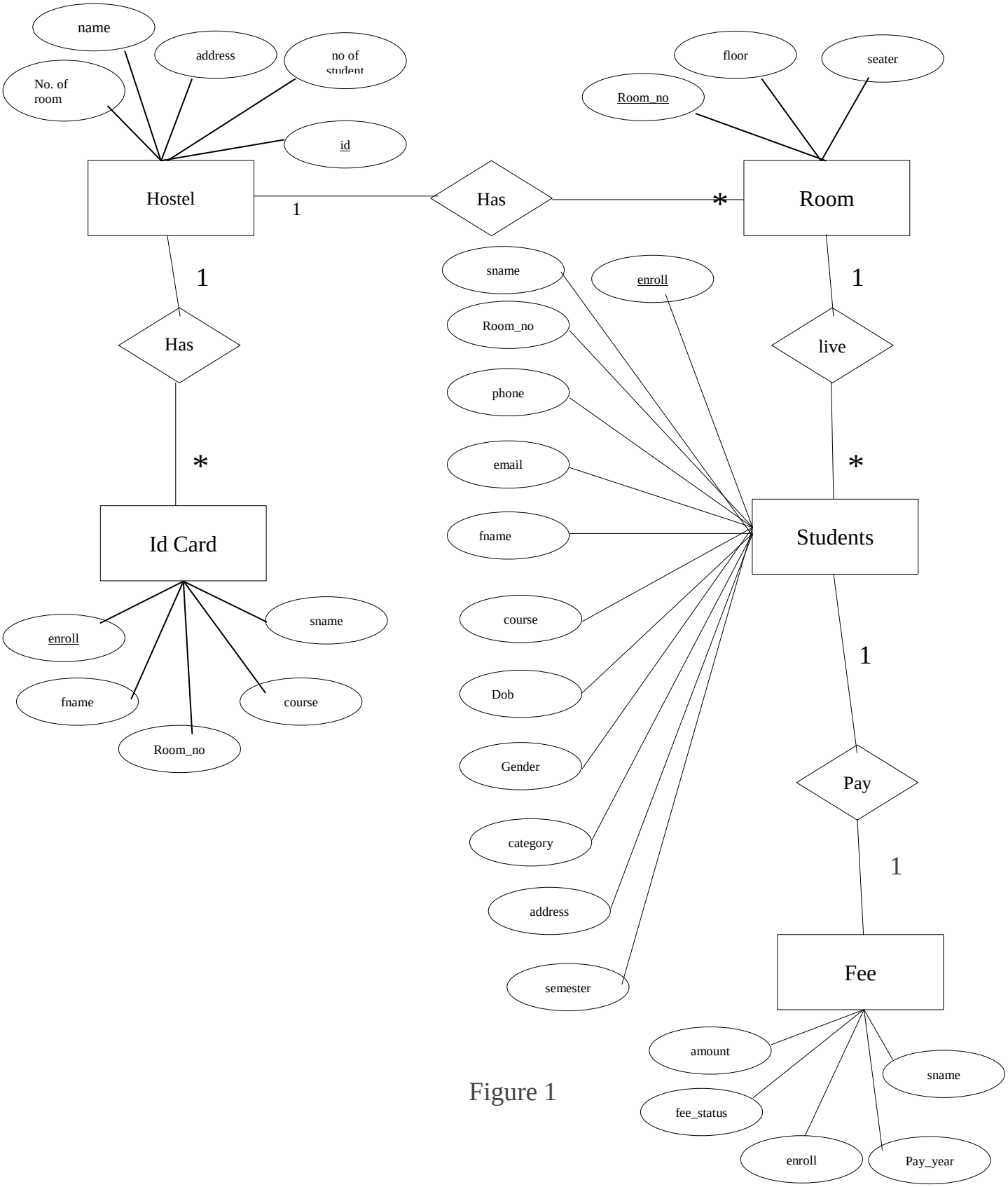


Figure 1

7.4 Flowchart

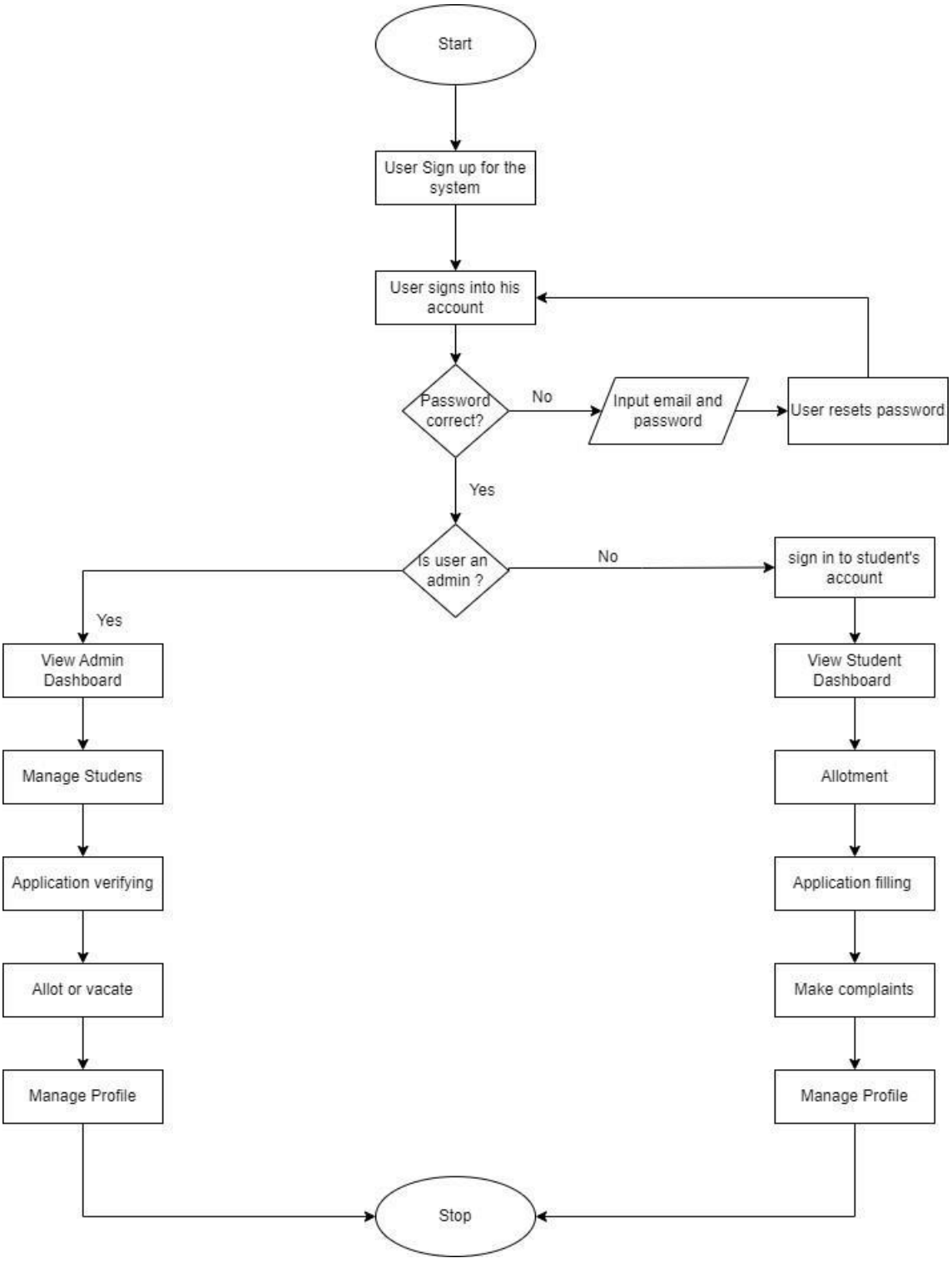
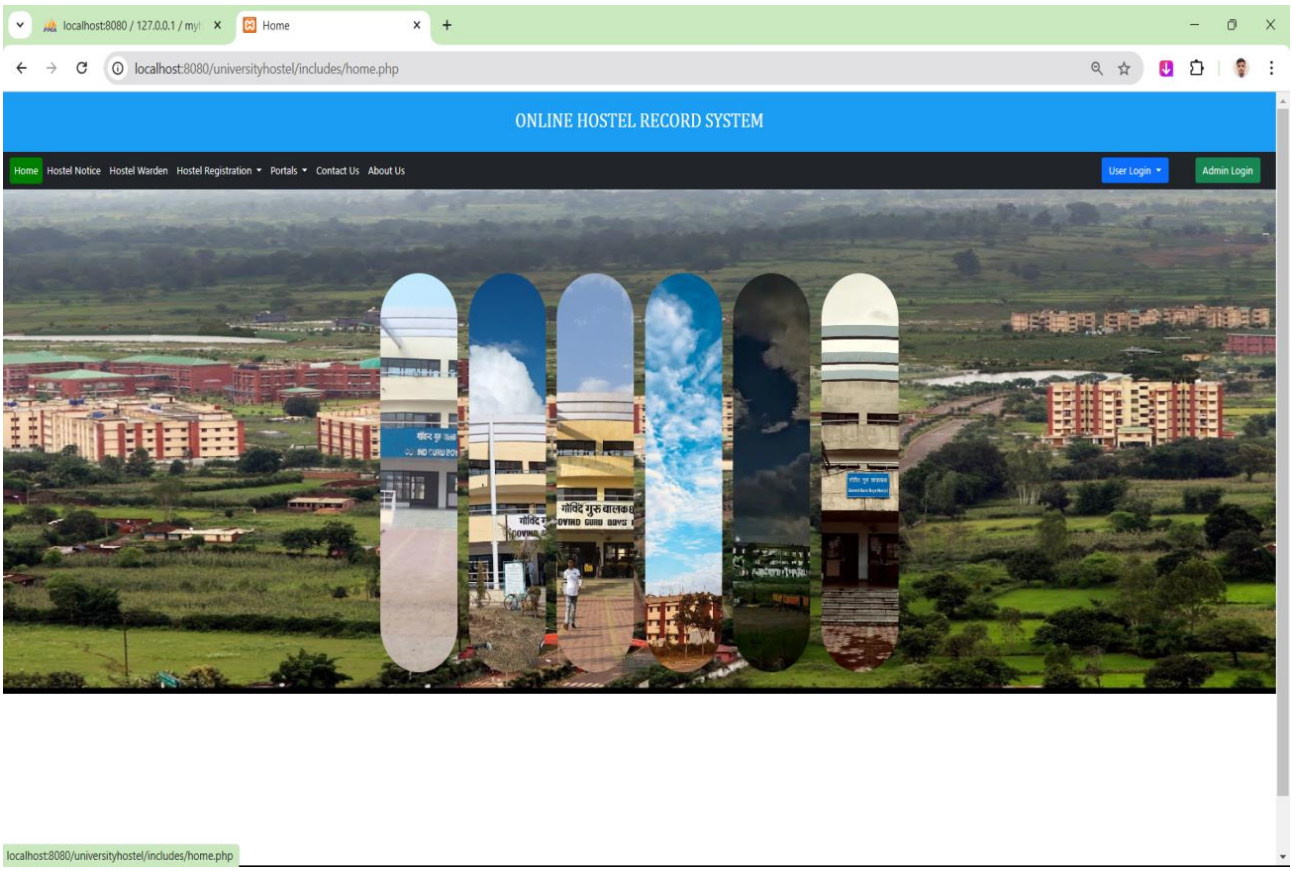


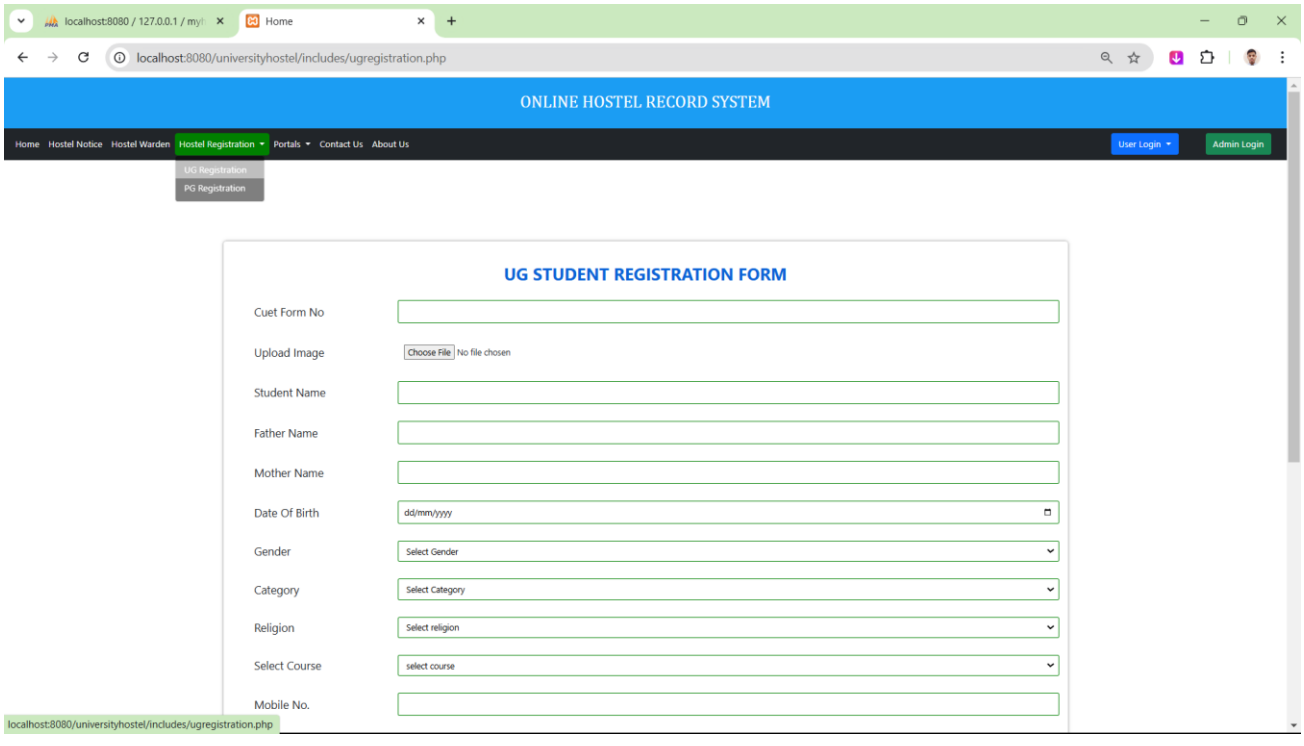
Figure 1

7.5 Snapshots of the project

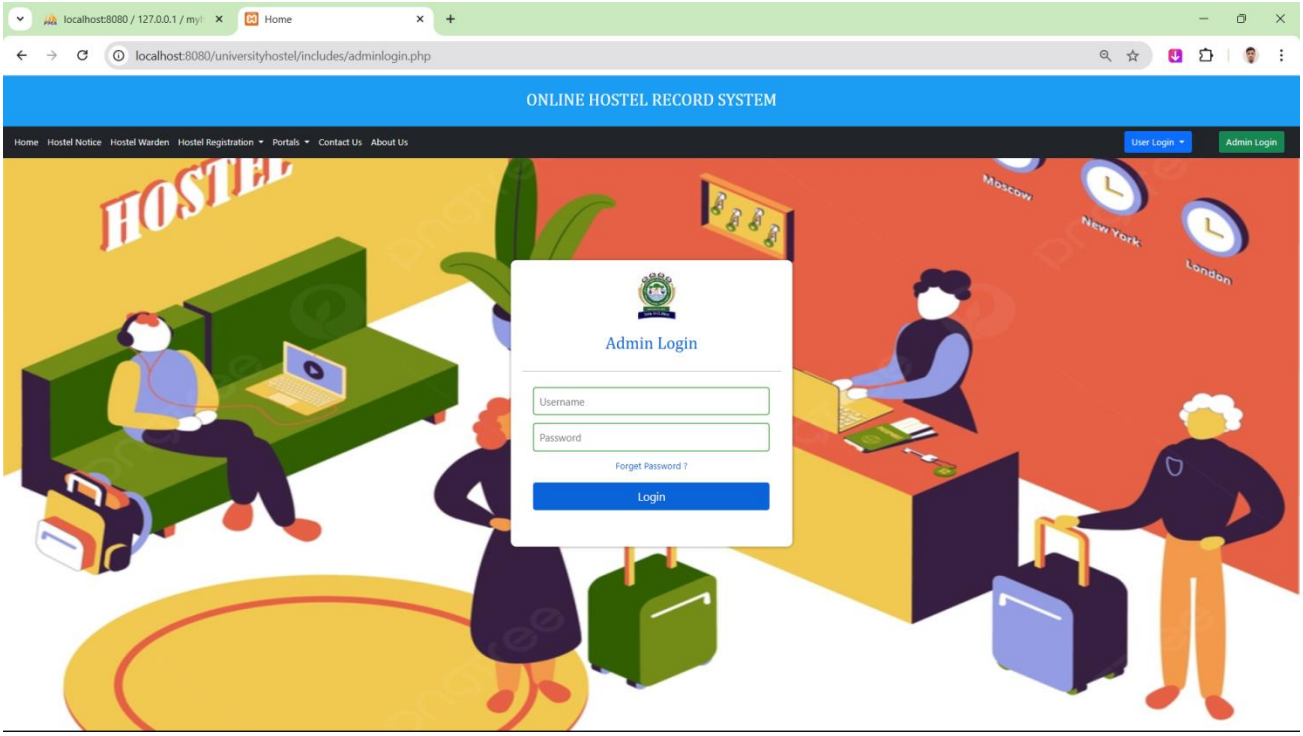
1. Home Page



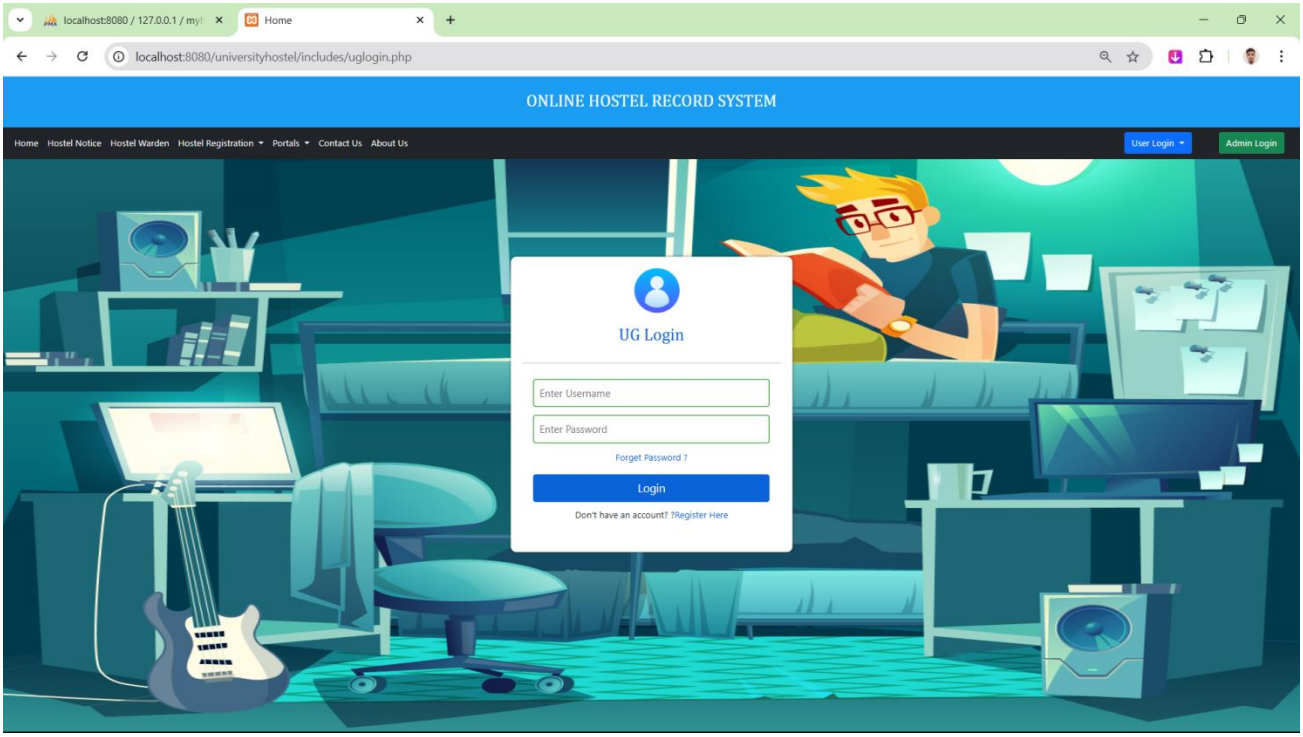
2. Student Registration



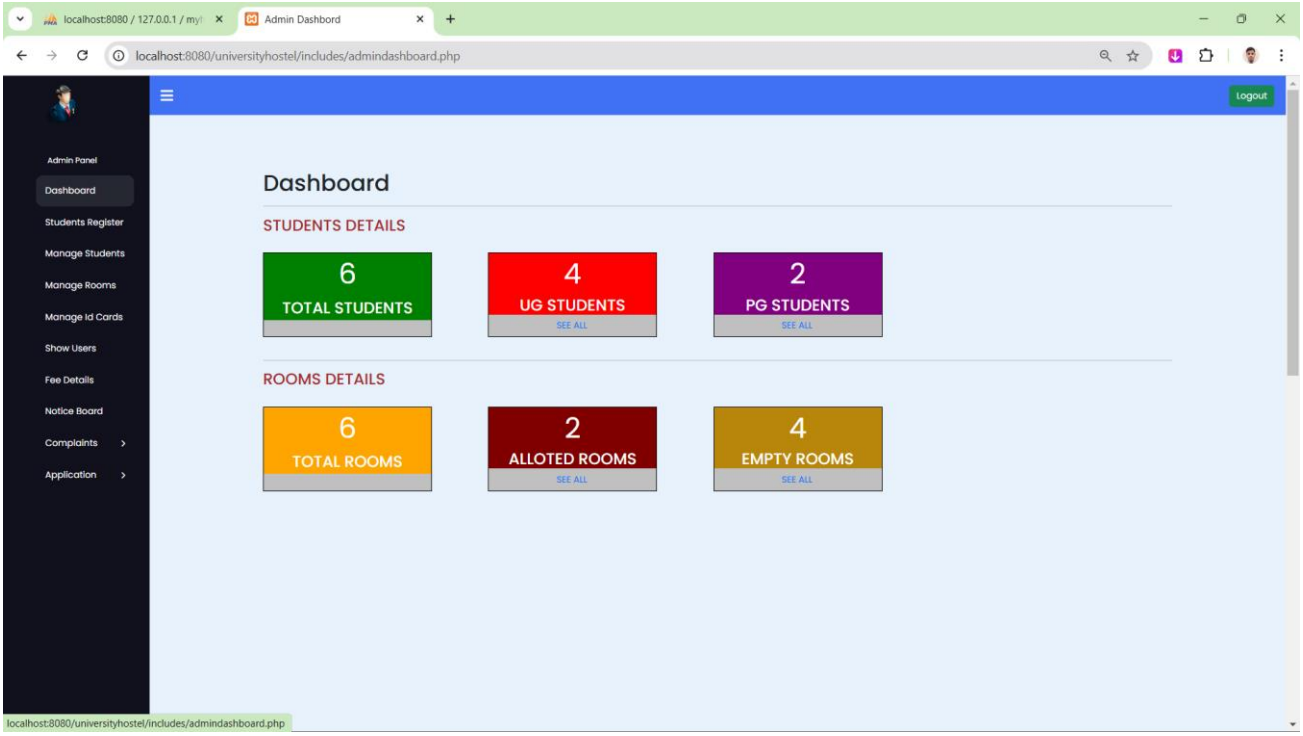
3. Admin login



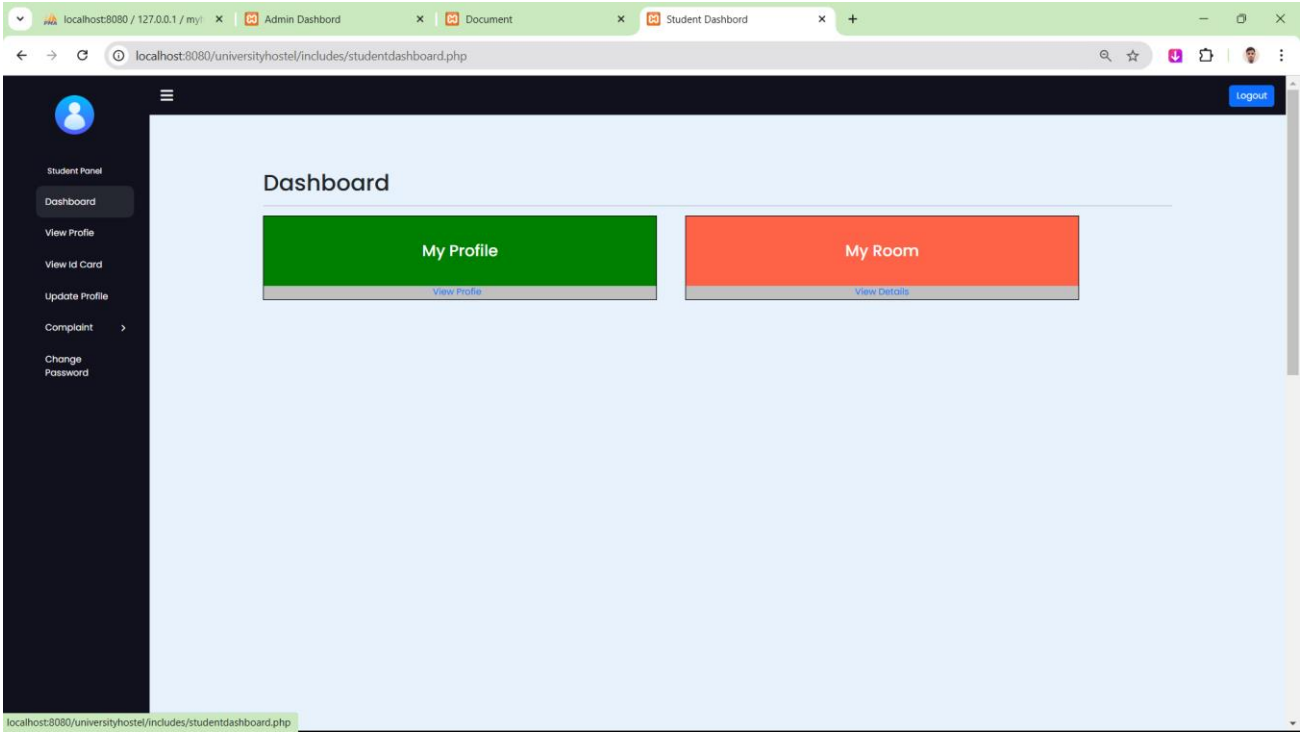
4. Student Login



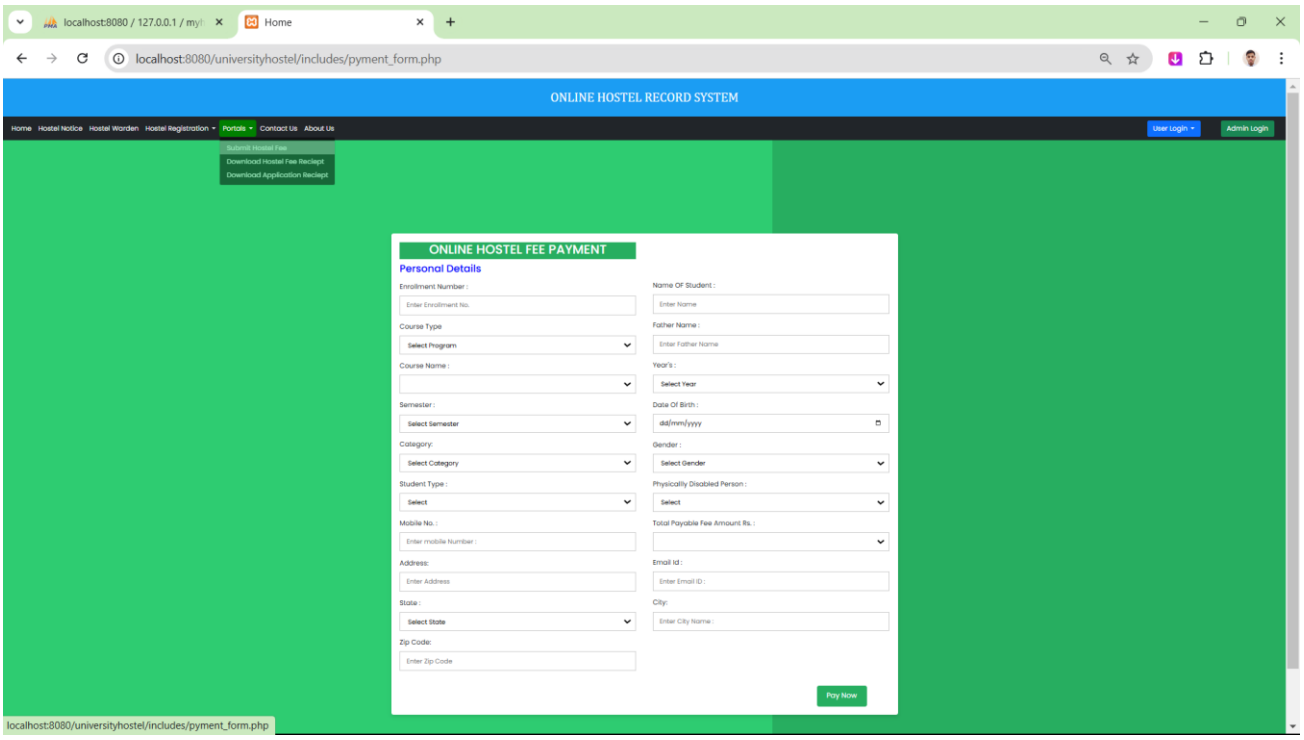
5. Admin Dashboard



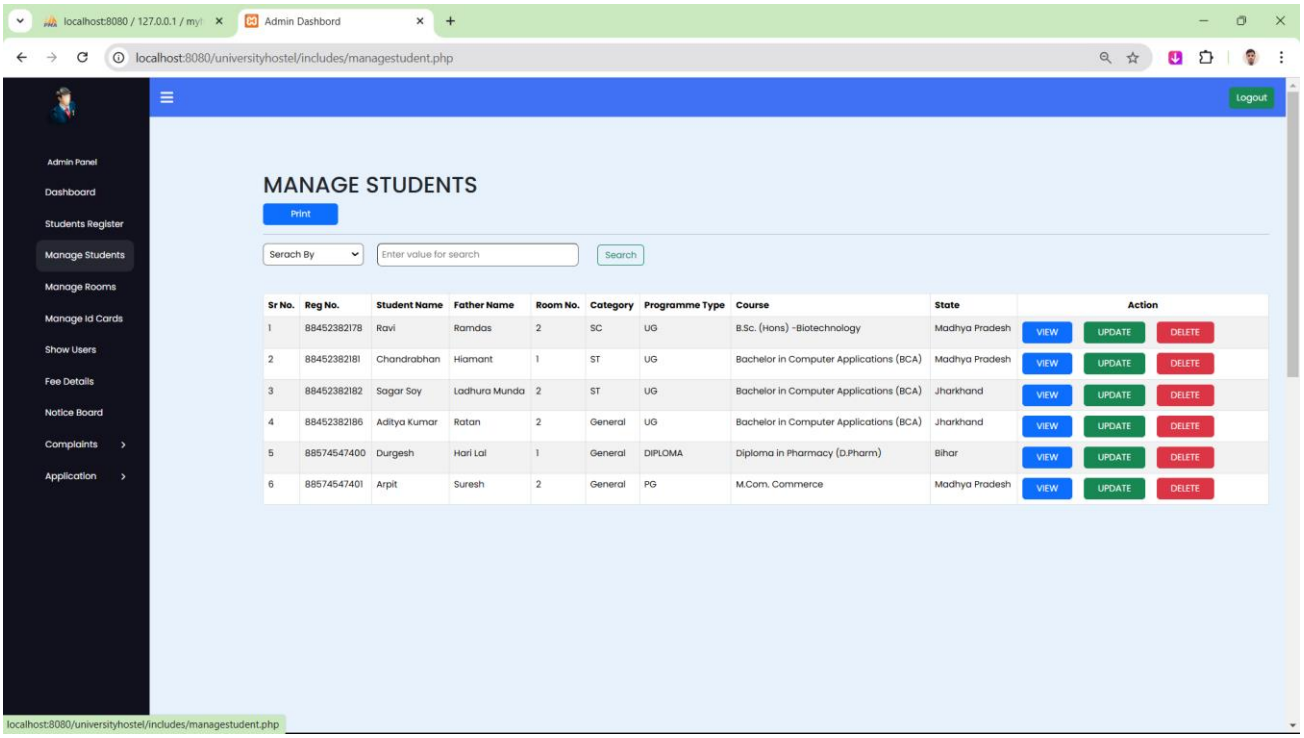
6. Student Dashboard



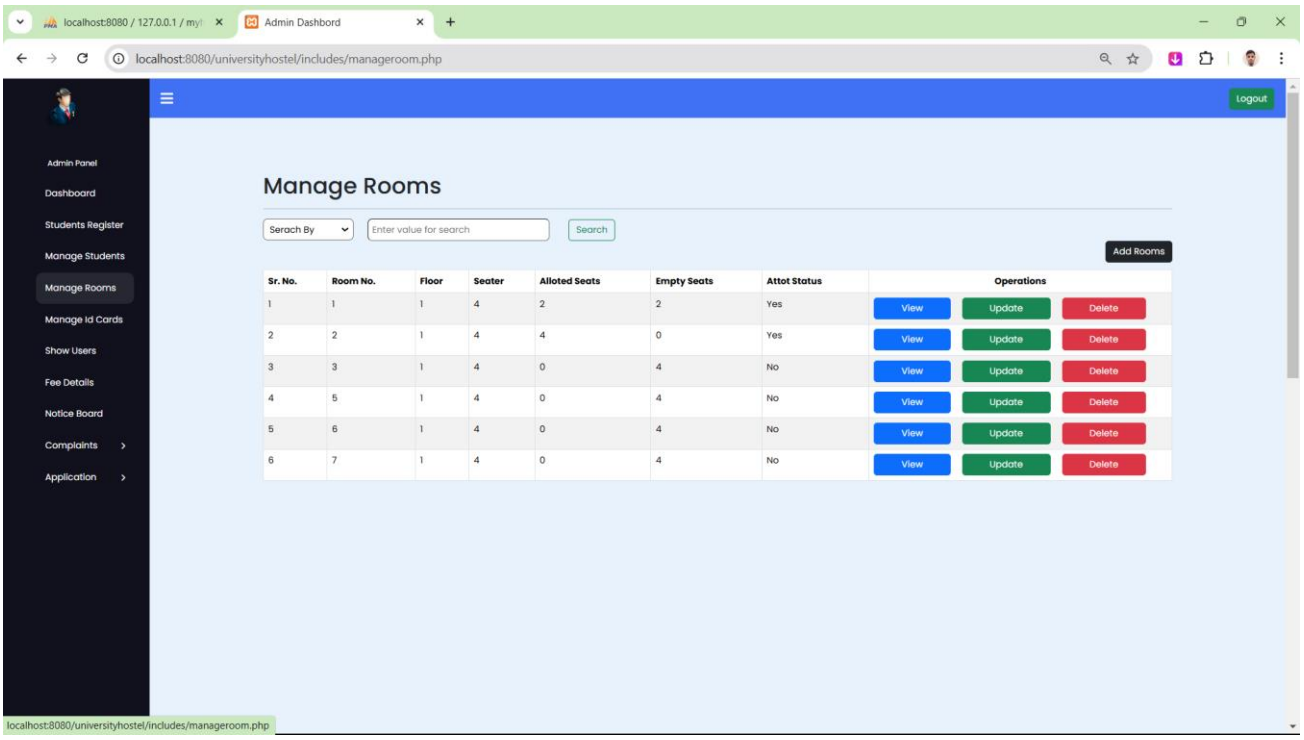
7. Online Hostel Fee Payment Form



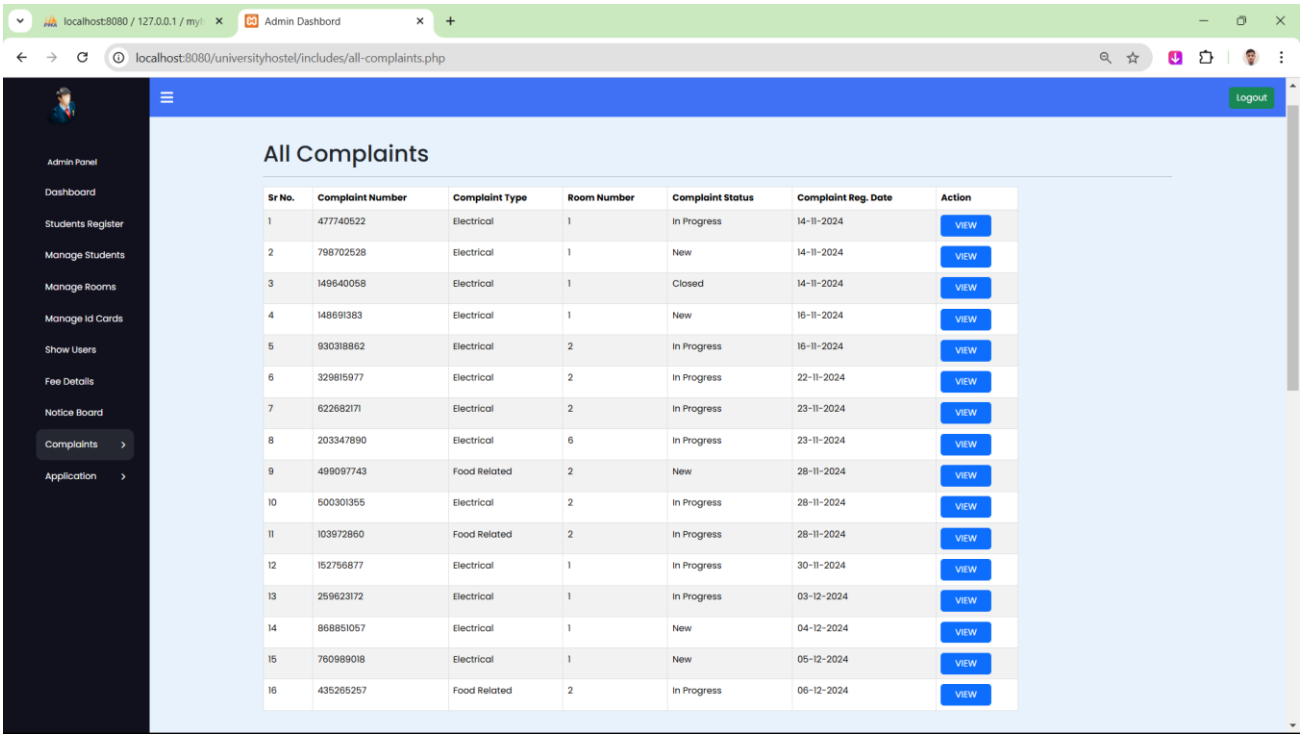
8. Manage All Student By Admin



9. Manage Room



10. Manage Students Complaints



7.9. Database and tables

myhostel database

Table
adminaccess
complaint
complainthistory
documents
idcard
notice
paymentdetails
pgregistration
rooms
studentregistration
ugregistration
userdetails

The following are the tables that are involved in the myhostel database system

1. adminaccess table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	*None*		AUTO_INCREMENT
2	name	varchar(255)	utf8mb4_general_ci		No	*None*		
3	username	varchar(255)	utf8mb4_general_ci		No	*None*		
4	password	varchar(255)	utf8mb4_general_ci		No	*None*		

2. complaint table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	*None*		AUTO_INCREMENT
2	complaint_no	bigint(12)			Yes	*NULL*		
3	userid	varchar(225)	utf8mb4_general_ci		No	*None*		
4	name	varchar(225)	utf8mb4_general_ci		No	*None*		
5	mobile	varchar(10)	utf8mb4_general_ci		No	*None*		
6	roomno	int(11)			No	*None*		
7	complaint_type	varchar(225)	utf8mb4_general_ci		No	*None*		
8	complaint_details	varchar(255)	utf8mb4_general_ci		No	*None*		
9	complaint_doc	varchar(400)	utf8mb4_general_ci		No	*None*		
10	complaint_status	varchar(255)	utf8mb4_general_ci		No	New		
11	registration_date	timestamp			No	current_timestamp()		

3. complaint history table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	None		AUTO_INCREMENT
2	complaint_no	bigint(11)			Yes	NULL		
3	complaint_status	varchar(255)	utf8mb4_general_ci		No	None		
4	complaint_remark	varchar(255)	utf8mb4_general_ci		No	None		
5	posting_date	timestamp			No	current_timestamp()		

4. documents table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	regno	bigint(20)			No	None		
2	sname	varchar(225)	utf8mb4_general_ci		No	None		
3	cast_certificate	varchar(400)	utf8mb4_general_ci		No	None		
4	domicile_certificate	varchar(400)	utf8mb4_general_ci		No	None		
5	hostel_fee_receipt	varchar(400)	utf8mb4_general_ci		No	None		
6	semester_fee_receipt	varchar(400)	utf8mb4_general_ci		No	None		
7	aadhar	varchar(400)	utf8mb4_general_ci		No	None		

5. idcard table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	enroll_no	varchar(225)	utf8mb4_general_ci		No	None		
2	name	varchar(225)	utf8mb4_general_ci		No	None		
3	father_name	varchar(225)	utf8mb4_general_ci		No	None		
4	room_no	int(11)			No	None		
5	course	varchar(225)	utf8mb4_general_ci		No	None		
6	std_img	varchar(225)	utf8mb4_general_ci		No	None		
7	warden_sign	varchar(225)	utf8mb4_general_ci		No	None		

6. notice table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	notice_id	int(11)			No	None		AUTO_INCREMENT
2	title	varchar(255)	utf8mb4_general_ci		No	None		
3	description	varchar(255)	utf8mb4_general_ci		No	None		
4	link_title	varchar(255)	utf8mb4_general_ci		No	None		
5	file	varchar(400)	utf8mb4_general_ci		No	None		
6	post_date	date			No	current_timestamp()		

7. paymentdetails table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	None		AUTO_INCREMENT
2	enrollment	varchar(255)	utf8mb4_general_ci		No	None		
3	name	varchar(255)	utf8mb4_general_ci		No	None		
4	fname	varchar(255)	utf8mb4_general_ci		No	None		
5	course_type	varchar(255)	utf8mb4_general_ci		No	None		
6	course_name	varchar(255)	utf8mb4_general_ci		No	None		
7	dob	date			No	None		
8	semester	int(11)			No	None		
9	gender	varchar(10)	utf8mb4_general_ci		No	None		
10	category	varchar(20)	utf8mb4_general_ci		No	None		
11	mobile	varchar(10)	utf8mb4_general_ci		No	None		
12	physical_disable	varchar(10)	utf8mb4_general_ci		No	None		
13	email	varchar(255)	utf8mb4_general_ci		No	None		
14	address	varchar(255)	utf8mb4_general_ci		No	None		
15	city	varchar(255)	utf8mb4_general_ci		No	None		
16	state	varchar(255)	utf8mb4_general_ci		No	None		
17	zipcode	int(11)			No	None		
18	amount	int(11)			No	None		
19	student_type	varchar(20)	utf8mb4_general_ci		No	None		
20	pay_year	varchar(255)	utf8mb4_general_ci		No	None		
21	pay_date	date			No	None		
22	transaction_id	varchar(255)	utf8mb4_general_ci		No	None		
23	payment_status	varchar(255)	utf8mb4_general_ci		No	None		

8. ugregistration & pgregistration table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	Registration_no	bigint(11)			No	None		AUTO_INCREMENT
2	cuet_no	varchar(255)	utf8mb4_general_ci		No	None		
3	std_img	varchar(400)	utf8mb4_general_ci		No	None		
4	sname	varchar(255)	utf8mb4_general_ci		No	None		
5	father_name	varchar(255)	utf8mb4_general_ci		No	None		
6	mother_name	varchar(255)	utf8mb4_general_ci		No	None		
7	date_of_birth	date			No	None		
8	gender	varchar(255)	utf8mb4_general_ci		No	None		
9	category	varchar(255)	utf8mb4_general_ci		No	None		
10	religion	varchar(255)	utf8mb4_general_ci		No	None		
11	program_type	varchar(225)	utf8mb4_general_ci		No	UG		
12	course	varchar(255)	utf8mb4_general_ci		No	None		
13	phone_no	varchar(255)	utf8mb4_general_ci		No	None		
14	email_id	varchar(255)	utf8mb4_general_ci		No	None		
15	address	varchar(255)	utf8mb4_general_ci		No	None		
16	state	varchar(255)	utf8mb4_general_ci		No	None		
17	distance	varchar(255)	utf8mb4_general_ci		No	None		
18	aadhar_pdf	varchar(255)	utf8mb4_general_ci		No	None		
19	apply_date	date			No	None		
20	hostel_status	varchar(255)	utf8mb4_general_ci		No	No		

9. rooms table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	room_no	int(11)			No	None		
2	floor	int(11)			No	None		
3	seater	int(11)			No	None		
4	allot_seat	int(11)			No	None		
5	empty_seat	int(11)			No	None		
6	allot_status	varchar(255)	utf8mb4_general_ci		Yes	No		

10. studentregistration table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	room_no	int(11)			No	None		
2	stay_from	date			No	None		
3	duration	varchar(225)	utf8mb4_general_ci		No	None		
4	std_img	varchar(400)	utf8mb4_general_ci		No	None		
5	program_type	varchar(225)	utf8mb4_general_ci		No	None		
6	course	varchar(225)	utf8mb4_general_ci		No	None		
7	semester	int(11)			No	None		
8	registration_no	varchar(225)	utf8mb4_general_ci		No	None		
9	name	varchar(225)	utf8mb4_general_ci		No	None		
10	fname	varchar(225)	utf8mb4_general_ci		No	None		
11	mname	varchar(225)	utf8mb4_general_ci		No	None		
12	dob	date			No	None		
13	category	varchar(225)	utf8mb4_general_ci		No	None		
14	religion	varchar(225)	utf8mb4_general_ci		No	None		
15	blood_group	varchar(225)	utf8mb4_general_ci		No	None		
16	physical_disable	varchar(10)	utf8mb4_general_ci		No	None		
17	contact_no	varchar(225)	utf8mb4_general_ci		No	None		
18	email_id	varchar(225)	utf8mb4_general_ci		No	None		
19	aadhar_no	varchar(20)	utf8mb4_general_ci		No	None		
20	emergency_no	varchar(225)	utf8mb4_general_ci		No	None		
21	guardian_name	varchar(225)	utf8mb4_general_ci		No	None		
22	guardian_relation	varchar(225)	utf8mb4_general_ci		No	None		
23	guardian_contact_no	varchar(225)	utf8mb4_general_ci		No	None		
24	address	varchar(225)	utf8mb4_general_ci		No	None		
25	city	varchar(225)	utf8mb4_general_ci		No	None		
26	state	varchar(225)	utf8mb4_general_ci		No	None		
27	pincode	varchar(225)	utf8mb4_general_ci		No	None		
28	distance	int(11)			No	None		
29	document	varchar(400)	utf8mb4_general_ci		No	None		
30	enrollment	varchar(225)	utf8mb4_general_ci		No	Not Issued		
31	abc_id	varchar(255)	utf8mb4_general_ci		No	Not Issued		
32	admission_no	varchar(255)	utf8mb4_general_ci		No	Not Issued		

11. user login table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	varchar(255)	utf8mb4_general_ci		Yes	NULL		
2	sname	varchar(255)	utf8mb4_general_ci		No	None		
3	email	varchar(255)	utf8mb4_general_ci		No	None		
4	password	varchar(255)	utf8mb4_general_ci		No	None		
5	verify_token	varchar(225)	utf8mb4_general_ci		No	None		

Chapter 8

Conclusion

To conclude the description about the project : The project, developed using PHP and MySQL is based on the requirement specification of the user and the analysis of the existing system, with flexibility for future enhancement.

The expanded functionality of today's software requires an appropriate approach towards software development. This hostel management software is designed for people who want to manage various activities in the hostel. For the past few years the number of educational institutions are increasing rapidly. Thereby the number of hostels are also increasing for the accommodation of the students studying in this institution. And hence there is a lot of strain on the person who are running the hostel and software's are not usually used in this context. This particular project deals with the problems on managing a hostel and avoids the problems which occur when carried manually.

Identification of the drawbacks of the existing system leads to the designing of computerized system that will be compatible to the existing system with the system which is more user friendly and more GUI oriented.

Chapter 9

Future Work

These are some features which we are going to add in Online Hostel Record System:

1. Mobile Responsive

A mobile application will be built as desktop applications are not so trendy now a days and most users prefer mobile apps for everyday services. It also gives more engaging and interactive user experience then desktop website.

2. Enhanced Security Features

Adding an OTP-based login system to a online hostel record system project enhances security and user convenience and Strengthen data security to protect sensitive resident information.

3. Add user feedback

In this website, we already set a platform as the users want. We also take some user feedback. But it needs more user feedback. As much we get feedback it becomes easy to make this app more user-friendly. It needs to involve the authority to solve this kind of issue. We also need authority's feedback to solve their issues.

4. **Host online**

We will host the platform on online servers to make it accessible worldwide.

References

My project link :-

- Source code: https://github.com/Chandrabhan2003p/Online-Hostel-Record-System-Source-Code/tree/master

Learning platform : -

- Tutorialspoint: - https://www.tutorialspoint.com/
- GeeksforGeeks: - https://www.geeksforgeeks.org/sql-tutorial/
- W3Schools: - https://www.w3schools.com/sql/
- Google Chrome :- www.google chrome.com
- ChatGPT: - https://chat.openai.com/

YouTube channel : -

- Dheeraj Hitech : - https://youtu.be/4cWzqGGdyKg?si=Nwp49NmbkWN2cBB8
- Code step By Step :- https://youtube.com/playlist?list=PL8p2I9GklV44cSOlKzB_0TrzxEgwfvicK&si=BIHYK7HokQmtuaeH
- Cyber Warriors :- https://youtube.com/playlist?list=PLejKBGxF74J67G7KSGHA4JPOKW9H3cQq3&si=uAUJSNJ-9MioC6YK

Hostel website :-

- Online Youth Hostel Booking System : - https://youthhostelbooking.wb.gov.in/pages/Home.aspx

- JD Omni :- https://www.jdomni.com/ecommerce-themes/hostel-template

BIODATA

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Career Objective:-

To seek a dynamic and challenging career an organization strives for excellence with my knowledge and team effort while making positive contributions to promote the individual opportunity and professional growth.

Academic Qualification

Sr.no	Class	Board/University	Year	Percentage/SGPA
1.	High School	CBSE Board	2020	68%
2.	Intermediate	CBSE Board	2022	85%
3.	BCA	IGNTU Amarkantak	2022	Continue

Skills

- Programming Language : - Python, C Programming, C++ Programming, Core Java, HTML , CSS , PHP.
- Structural Language : Mysql.

Strength Factor :-

Good strength of working with a team, Strong ability to work creative & determination.

Personal Profile :-

Father Name : Hanumat Singh
Date Of Birth : 13/09/2003
Marital Status : Un-married
Gender : Male
Religion : Hindu
Nationality :Indian

Declaration

I do hereby declare that the statements made in this document are true to the best of my knowledge and belief.

Place : Narmadapuram (CHANDRABHAN PARACHHI)