

HALL MANAGEMENT SYSTEM

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This Report Presented in Partial Fulfillment of the Requirements for the Degree of Bachelor of Science in Computer Science and Engineering.

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APPROVAL

This Project titled “**HALL MANAGEMENT SYSTEM**”, submitted by **Sweety Islam, Id No: 201-15-3035** the **Department of Computer Science and Engineering**, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on **19 .01. 2023**

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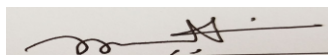
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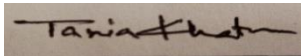
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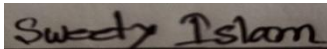
I hereby declare that, this web base project has been done by us under the supervision of **Ms. Tania Khatun**, Assistant Professor, Department of CSE, Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

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ABSTRACT

As I am a student, the accommodation is more difficult and the easiest way is to meet an important chapter in the student's life. I have super admin and admin through the love that created this website this is a benefit for students through this website I will highlight the benefits. Most of the students can't live in the outdoor environment Can't adapt to the outdoor environment Best for the student to teach I can't afford to stay in hostels as we are away from our families Security is the biggest advantage we get. Hall bed chair table and all other facilities are available to the students. Even from a distance from the family, it seems that how many students are usually surprised by life. Online School Management System is a great web application project. It is usually made up of all kinds of information about a school. This online scale system generally allows teacher and student attendance to be determined very easily. Also, it is the appearance dressing of the students and students' strengths and weaknesses can be observed. Online school management system is a web application special software through which student information can be extracted very easily. It is a software through which a school can be managed remotely. Also, through this the current situation of students is very their guardians can be reached. Through school management system parents can easily provide their end and get it nicely in meme form. It very nicely helps to find the list of a student through which it is easy to know the number of marks obtained by that student. Generally, this is done to reduce the workload of the staff and to improve data security and digitization. This is usually done by a school's data security. And also, the information of all students is stored together through this app. This app usually helps to reduce the information cost of the students to save the time of the staff and keep all the data safe. This online school management system is a very useful web application in the present scenario. It has made the pain of a student very accessible as well as the pain of a parent. Nowadays online school manager system is very important application so I think it has very good response now.

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CHAPTER 1

Introduction

1.1 Project summary

A get together is hall management. Education Recreation Culture Sports and physical exercise are important parts. Directly related to an educational institution Schools-college-universities are very common in the modern world. In developed countries, parents are responsible for educating their children in halls or hostels. My hall management will consist of super admin, admin, user and super admin will have responsibility; he will give instructions to everyone. And the admin, super admin will look at the advantages and disadvantages of all the users who have paid money. How many students, collecting their data, giving them all kinds of opportunities will be seen by the admin. [2]

1.2 Motivation

Motivation I think the five fingers of the hand are not the same. Forget evil and live learn from old people with strength. In reality, many times on the way, we step back, but we must not stop. The life is very difficult here everyone comes and listens to help. In that case, our teacher will be blessed with our teacher and their love. I believe hall is the last moment of student life. It will be Web base Application. Here we have tried to approximate the importance and supportive environment in real life. It is an important means of communication with teachers. It is a great medium for teaching and learning through it. Staying in the hall or staying outside is easy, but through the hall one can.

- super Admin
- Admin
- Manager
- User

USE TO:

- Exposure to HALL life platform
- Make easy to communication every one
- Collect to your knowledge with everyone

- Upgrade to new technology
- I comfortable of hall life
- Safe and security
- Communication to all teacher

1.3 Purpose

Our aim is to be a student. Providing specific life. It is our goal to adapt to the outdoor environment that plays an important role in a student's life. I made this product for him. Students can get benefits according to their choice. It presents itself beautifully in the environment can to do.

1.4 Scope

The reality has a lot of scope in his life. Life is very sweet. Hostel life is the name of sharing laughter and joy. To tell the truth, I have been getting many different experiences during the few days of hostel life. I have understood the real meaning of life is the second place of residence. Shared name is hostel life. To be honest, I have been living in a hostel for a few days and have gained many different experiences. I have understood the real meaning of life is the second place of residence. The environment of the host is very nice and pleasant. Everyone listens to reading in the corner for many nights. Seeing everyone's realness, the self and the unreal have come out even more. Teachers usually behave like parents. The home listening environment is also beautiful. There are students with a wide variety of tastes. But you have to make yourself better by listening and understanding. [6]

1.5 Repot layout

Chapter 1: **Introduction**

Chapter 2: **Background**

Chapter 3: **System design**

Chapter 4: **Implementation**

Chapter 5: **Project view**

Chapter 6: **Software Testing and Enhancement**

CHAPTER 2

Background

2.1 Project Management

Many projects have been done to explore the effective way of hall management, but very few of them have been develop this type improve management.

This system is further developed using this manager. Classes are bridged through technical education and online. There are many people who come from the village to study in the city. For them, this mandate is very much for them. This management of my brother will be very useful in their education. Seat booking, cancelation, check roll number, know the right person in the room that night and hall details will be given. High quality canteen serving pizza, Burger, Pasta, Chip, Drink & coco-cola, 7UP, Mojo and many other of the soft drinks can be here.

- How to make hall management more effective mostly in the context of Bangladesh?
 - How to make it upgrade lower bandwidth?
 - How can the distance learners be benefitting teacher and student communication?
- How can the modern education technology can involve this management system.

2.2 Project development Approach and justification

We will always develop the project. And he will do whatever he can get. One of them is because we live in a developed country or because we need network in CSE development. We need the educated wife more. Wi-Fi can make advanced arrangements which help the student to upgrade further in real life. [5]

2.3 Project Effort and time

The essence of this is to determine the time, if we can't arrange it within the specified time, then the project will be of no use. The product must be completed within the specified time. To agree on the complete this project this time many can job opportunity. Challenging parts of the job, as the project itself was a very interesting subject and it was fun to get the job done, but we learnt.

2.4 Roles and Responsibilities

Since I live here, we have to follow many rules.

- Since I live here, we have to follow many rules the concept
- Not to be afraid to any problem
- Must come within the specified time
- If so, we have to keep the responsibility
- Teacher cannot be respects
- Hall Management can help all side this follow this role.
- Food learning this hall life if we follow roles

2.5 Project Scheduling

- Identify all stakeholders.
- Identity my final deadline.
- List each step or task.
- Define your project goals.
- Own responsible for each task.
- Set aside time for each task.
- Set a specific schedule on a tool.
- Timetable that shows start and end time.
- Not any can use this this project.
- own resources are responsible for delivery.

CHAPTER 3

Requirement Specification

3.1 Project Studio

- Super Admin
- Admin
- Manager
- User

3.2 Requirement collection and Analysis

I will work through XAMMP. For this first step our bye XAMMP install to pay. Go to XAMMP control panel turn to raw. We made this project using XAMPP.

I will do it perfectly. Generally, hall management system is a web-based system which is usually well design and to make their day-to-day work is a generally we which number of on of Hotel Management System software are entering in the market competing with each other. It is a well-known fact that all management different from the is Allah in their requirement and the way is which Langar hall supported and management system similar requirement of these smaller management system of hall.
[7]

3.3 Design Requirement

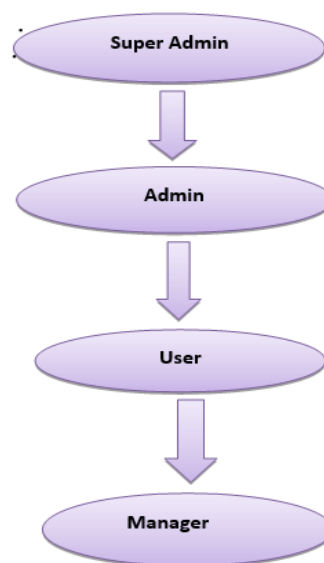


Figure: 3.1.1 Design Requirement

3.4: Logical Data Model:

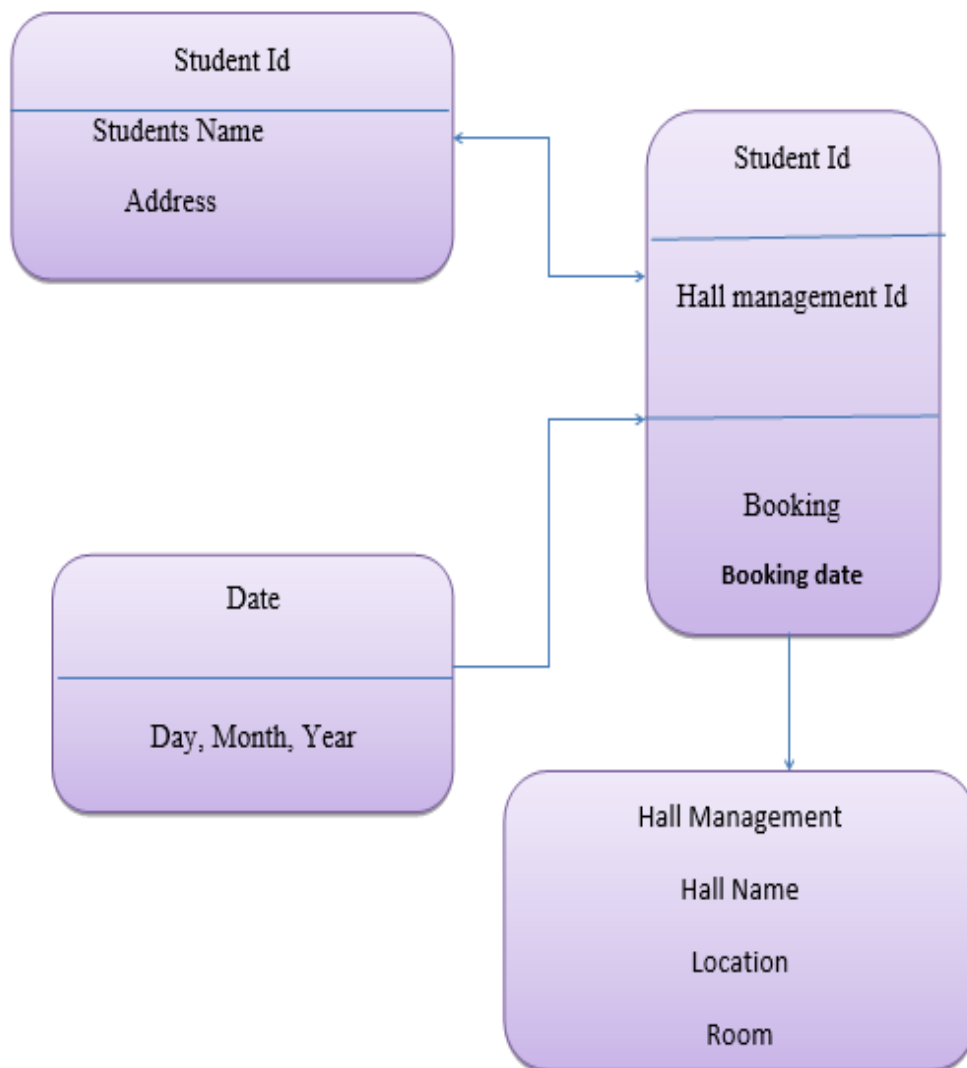


Figure: 3.1.2 Logical Data Model

3.5 Use Case Modeling and Description

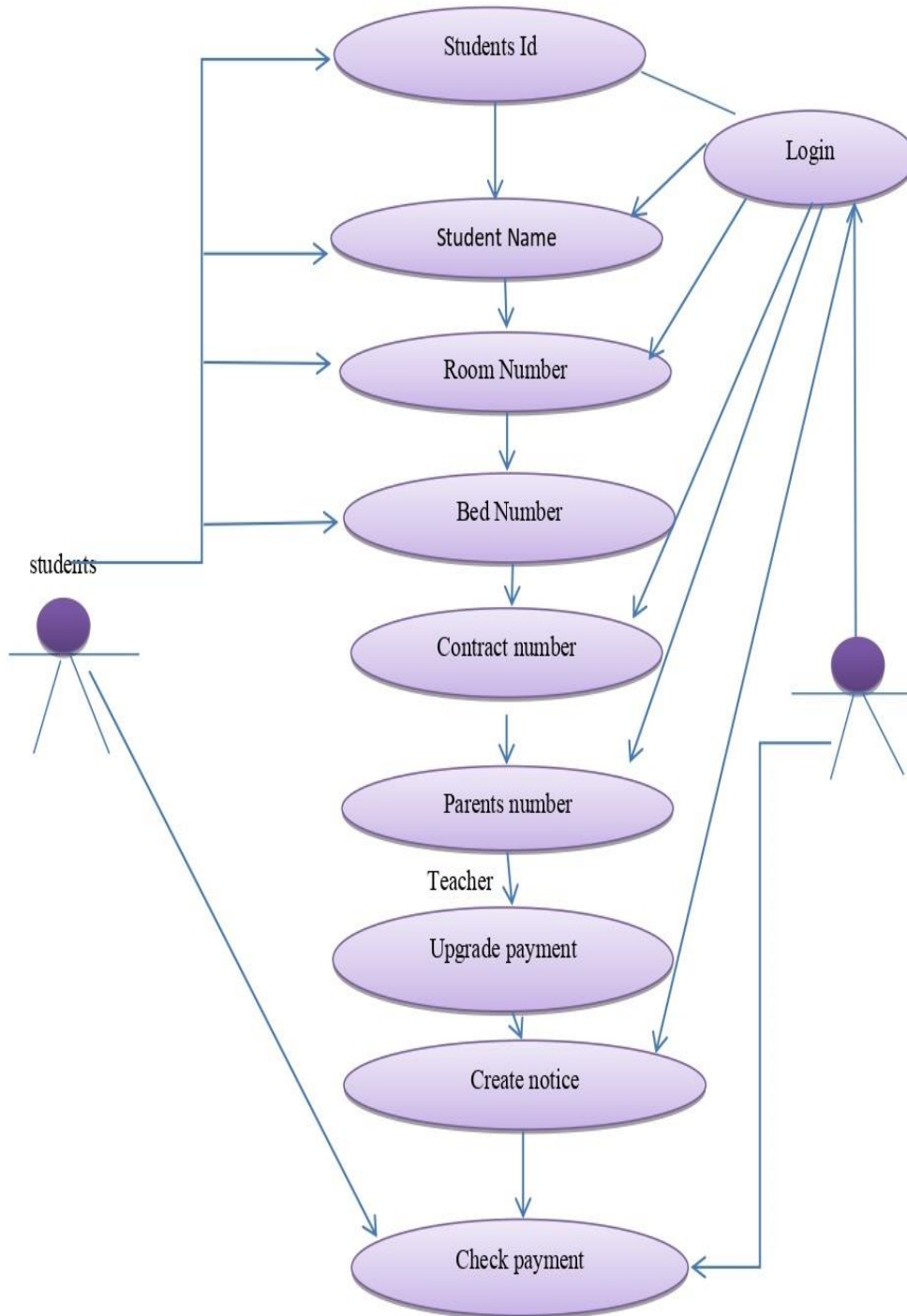


Figure: 3.1.3 Use Case Modeling and Description

Chapter 4

Design Specification

4.1 Front-end Design

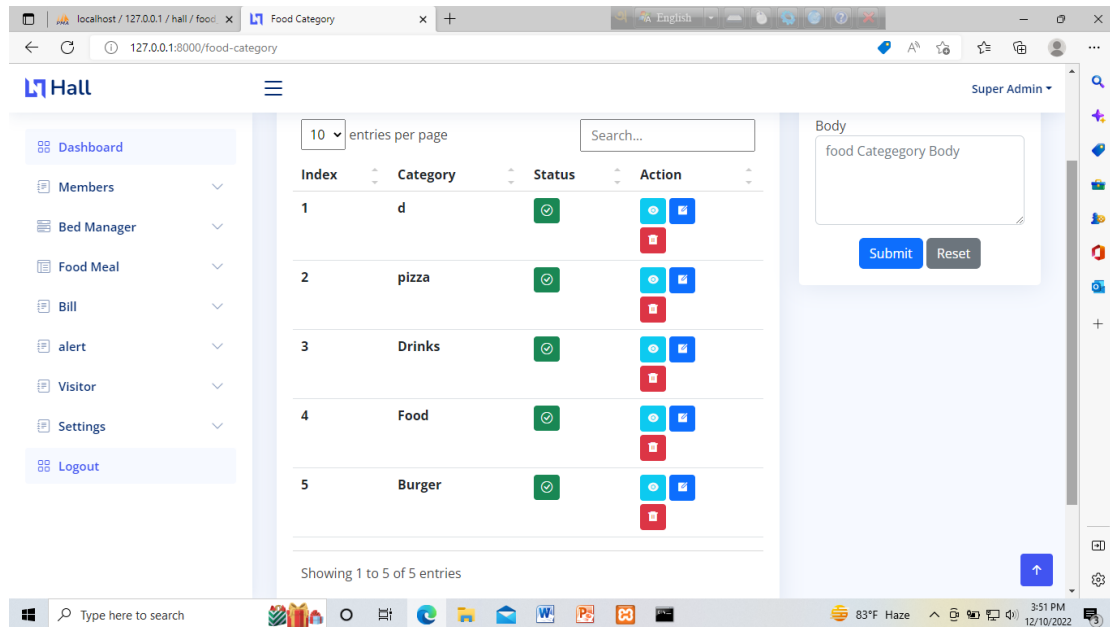


Figure 4.1: Hall Management system start page

Fronted design is the procedure for making up a user interface by writing the HTML, CSS and presentation as an admin. [8]

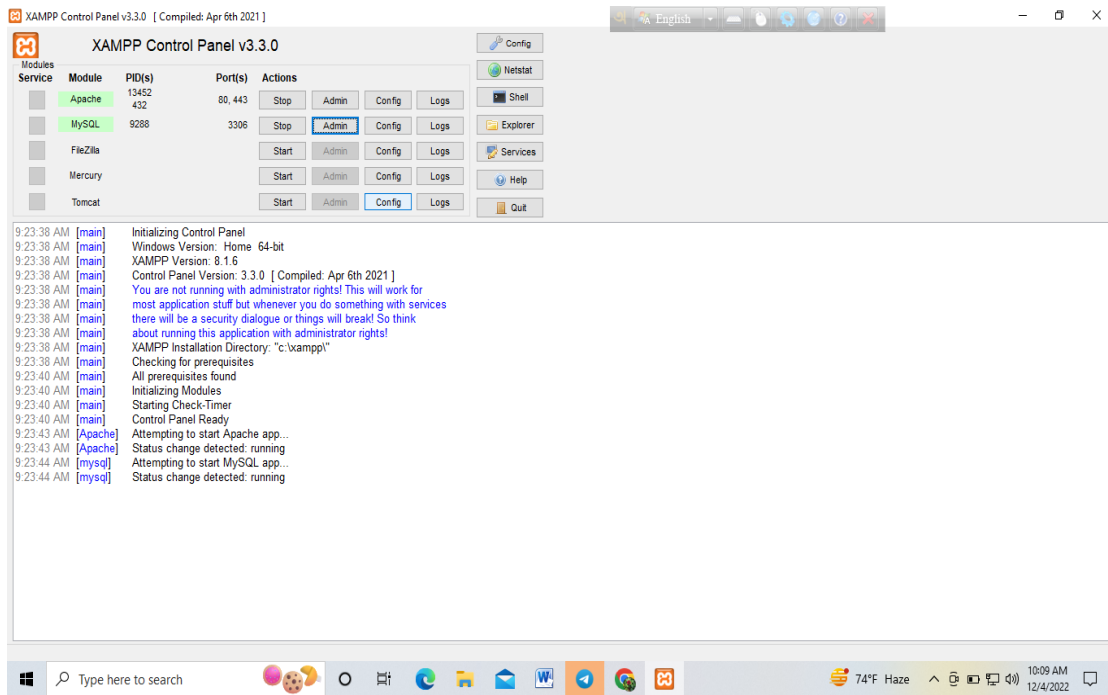


Figure 4.2: Hall Management system started page

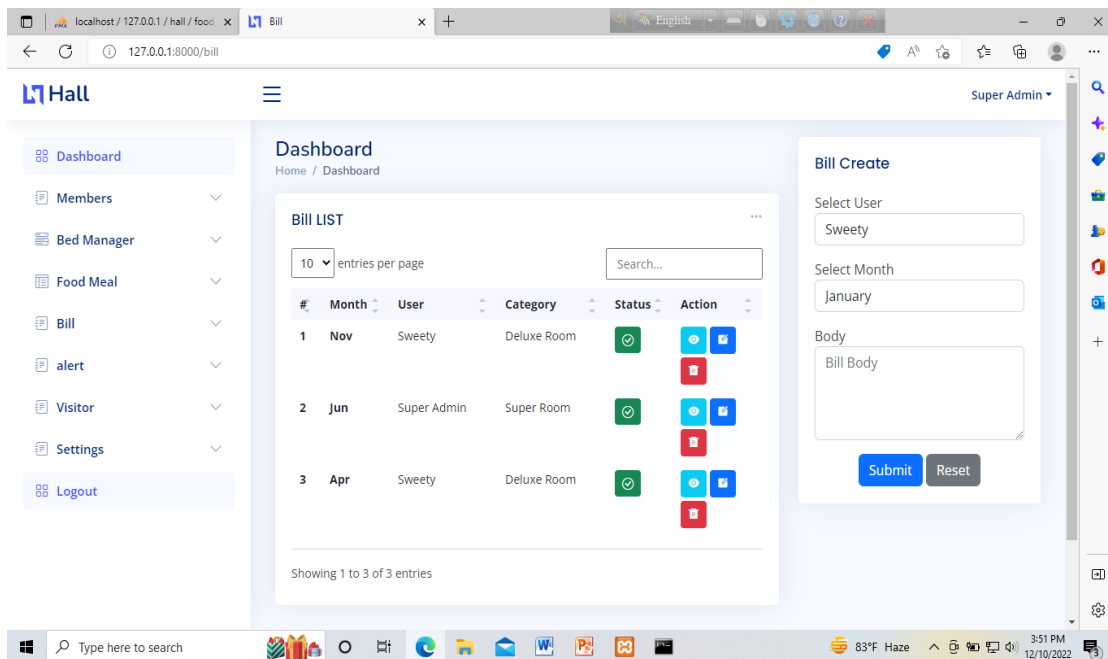


Figure 4.3: Hall Management bill Information page

- ** Used control panel with XAMMP
- ** Go to Start and End
- ** Start open the XAMMP

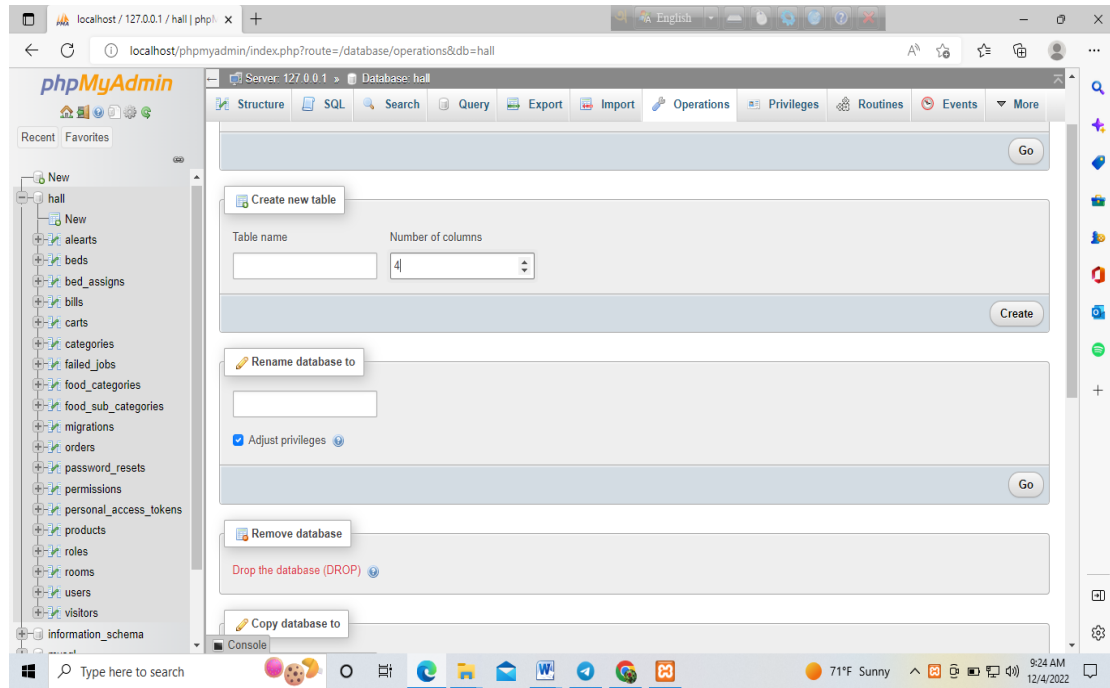


Figure 4.4: Hall Management system web page

1. Super Admin
2. Admin
3. Manager
4. User

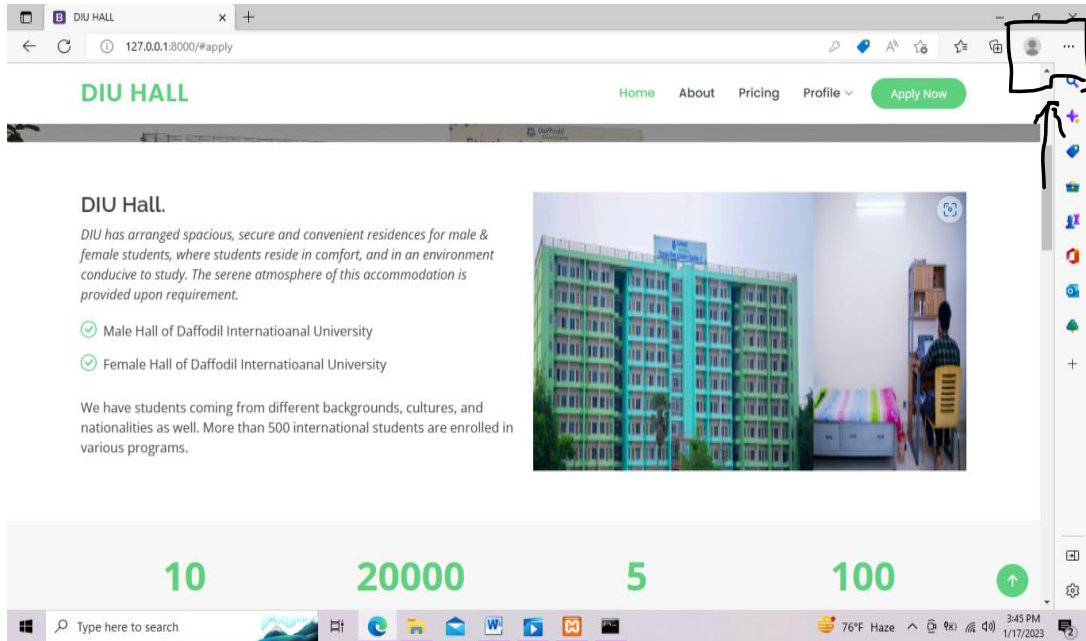


Figure 4.5: Hall Management system login page

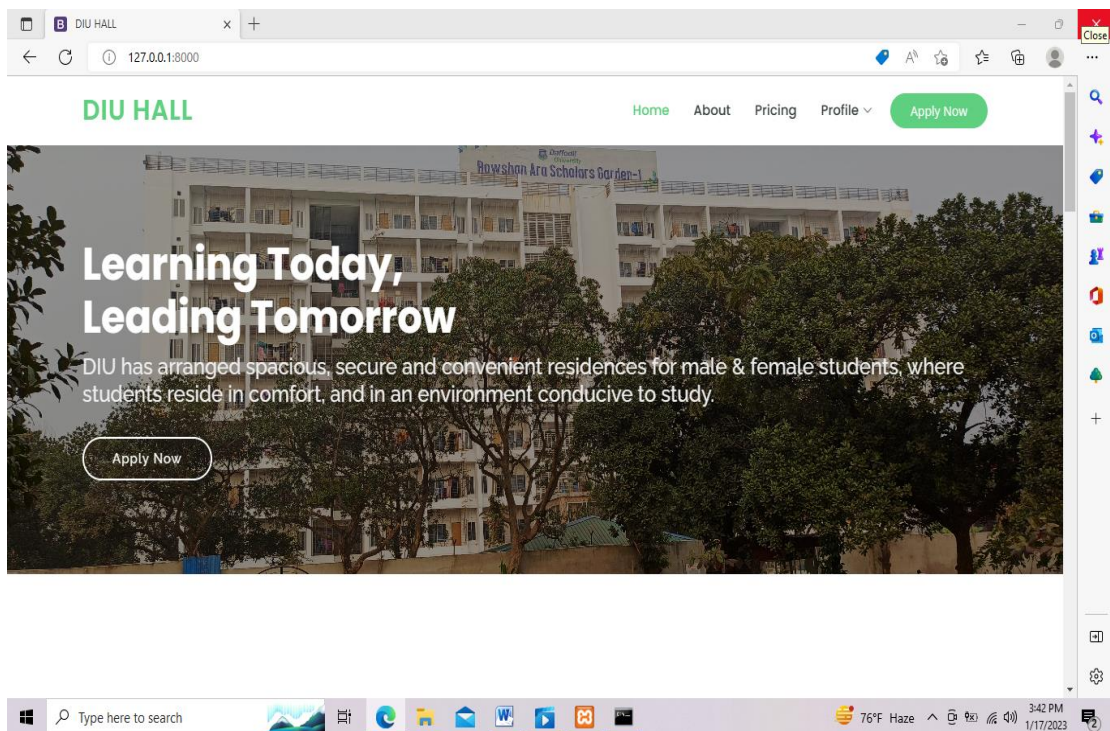


Figure 4.6: Hall Management system front page

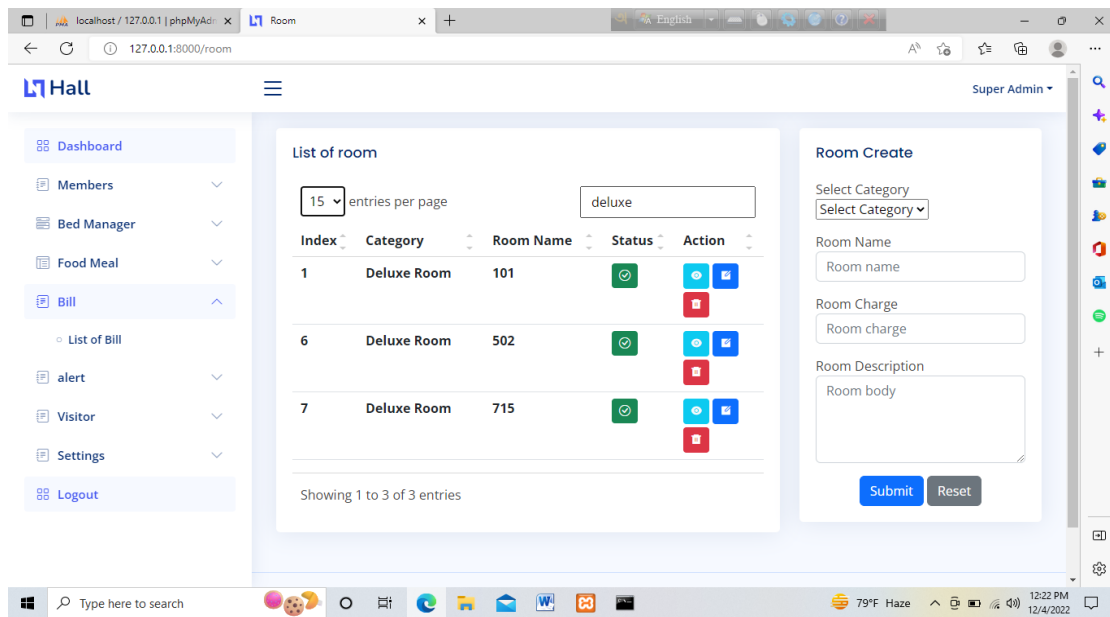


Figure 4.7: Hall Management system list page

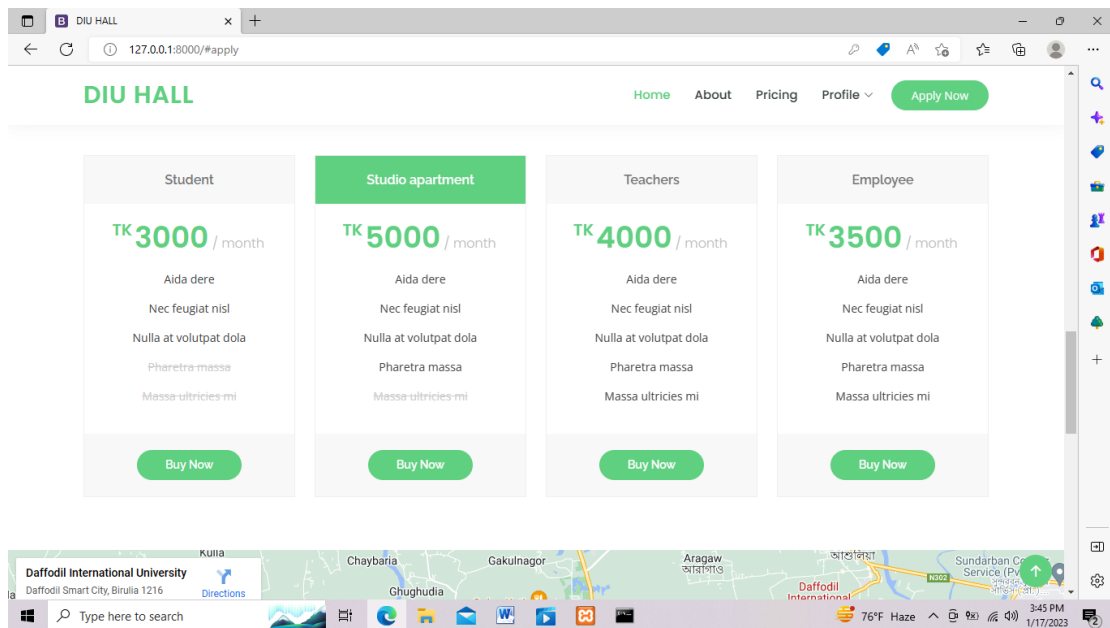


Figure 4.8: Hall Management system payment chart

1. we choses any category of food then food meal sees many options.
2. Bill option we can provide bill any take received.
3. Hall management system

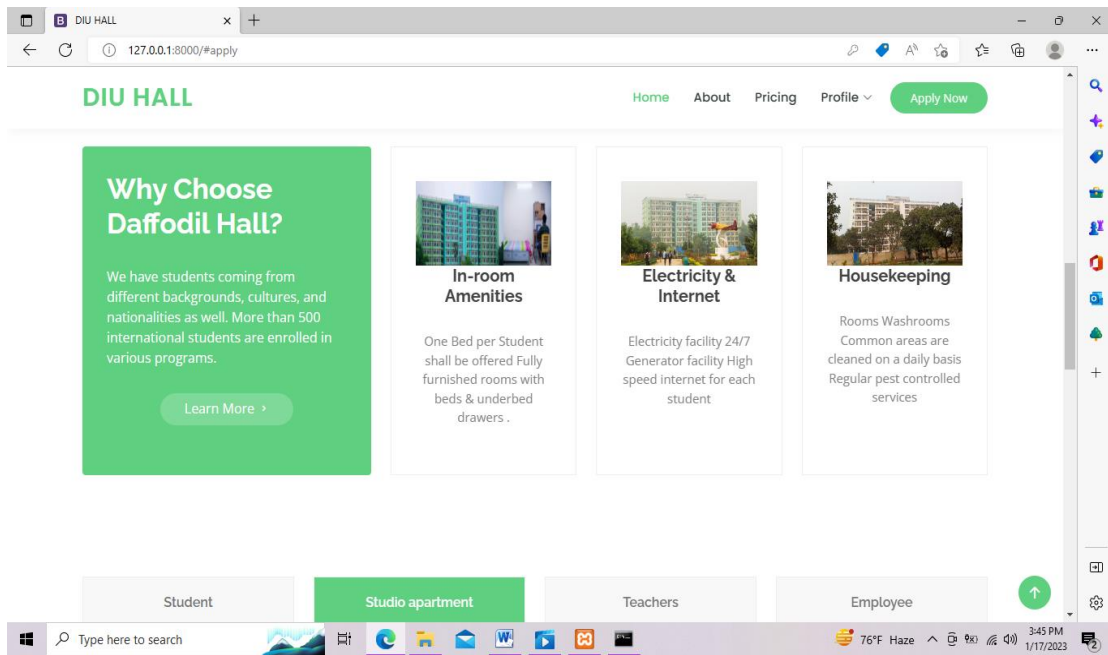


Figure 4.9: Hall Management System Home page

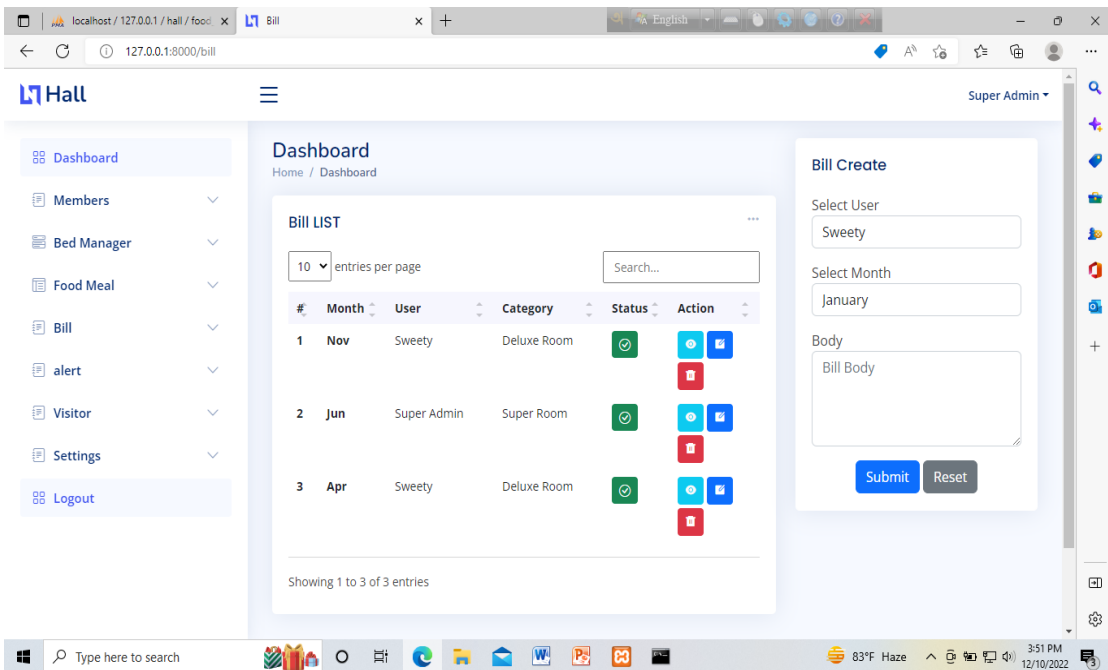


Figure 4.10: Hall Management Database

1. Category of hall management manager, Bed manager, food meal, bill, alert visitor, bed any help to this project.
2. Manager help to any hall people help this project.
3. Super manger can see all side.

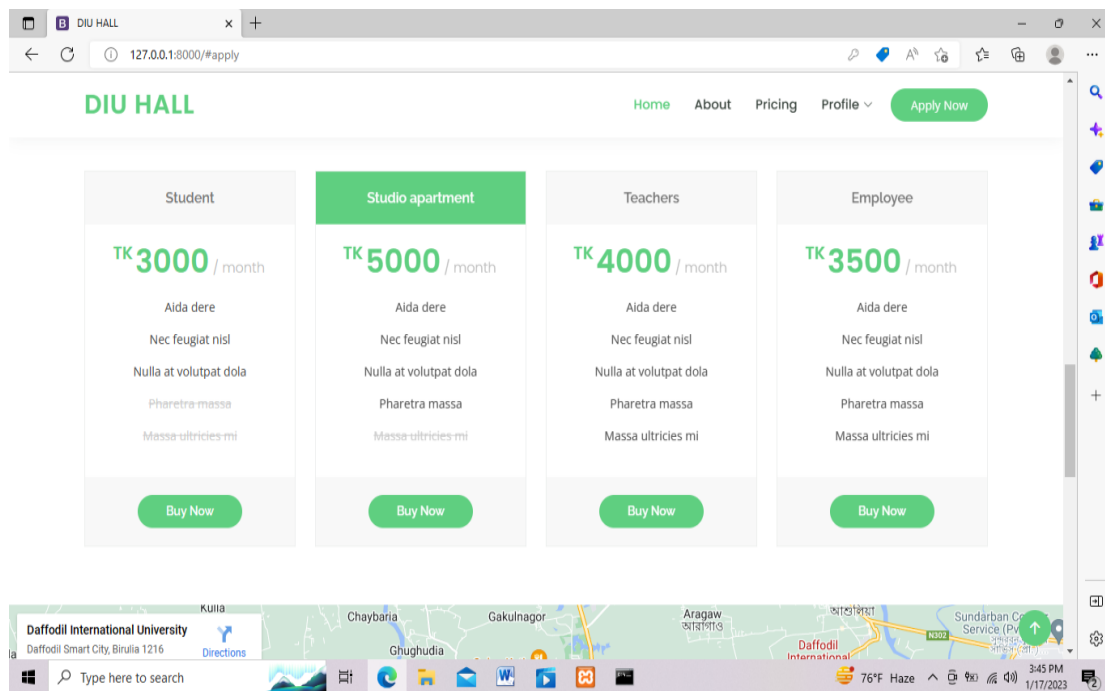


Figure 4.11: Hall Management System Payment Page

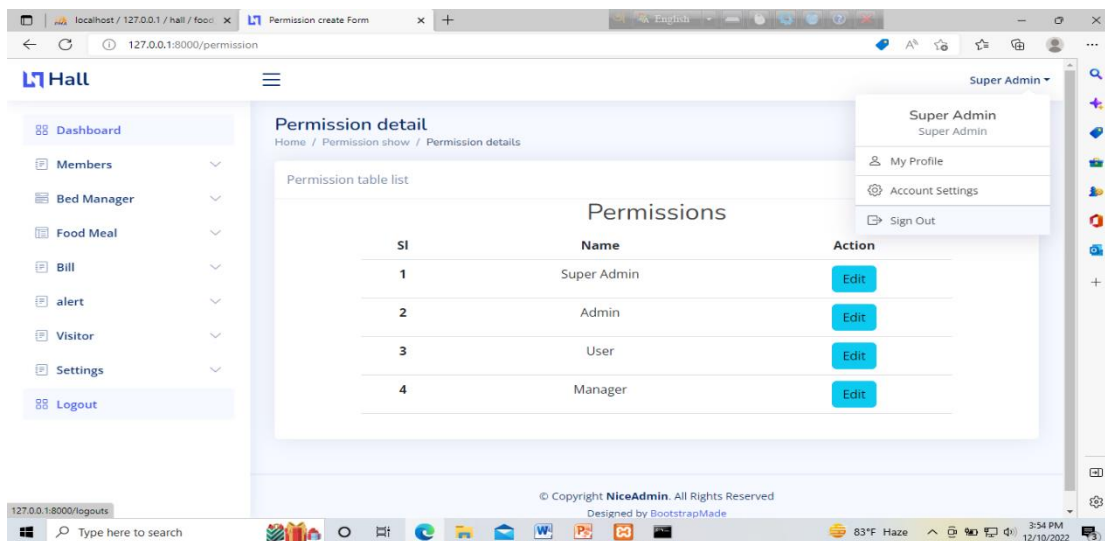


Figure 4.12: Hall Management Permission Page

1. Super Admin
2. Admin
3. user
4. manager

4.2 Back-end Design

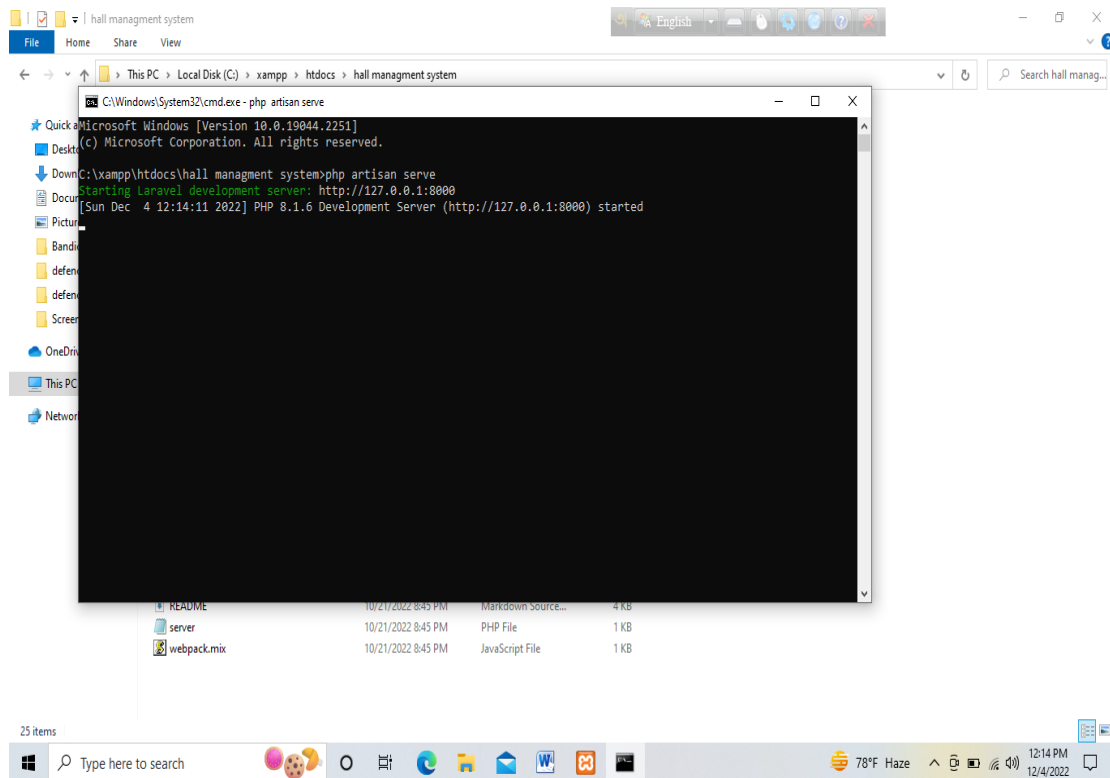


Figure 4.13: Hall Management System Code Page

4.3 Interaction Design Diagram and User Experience

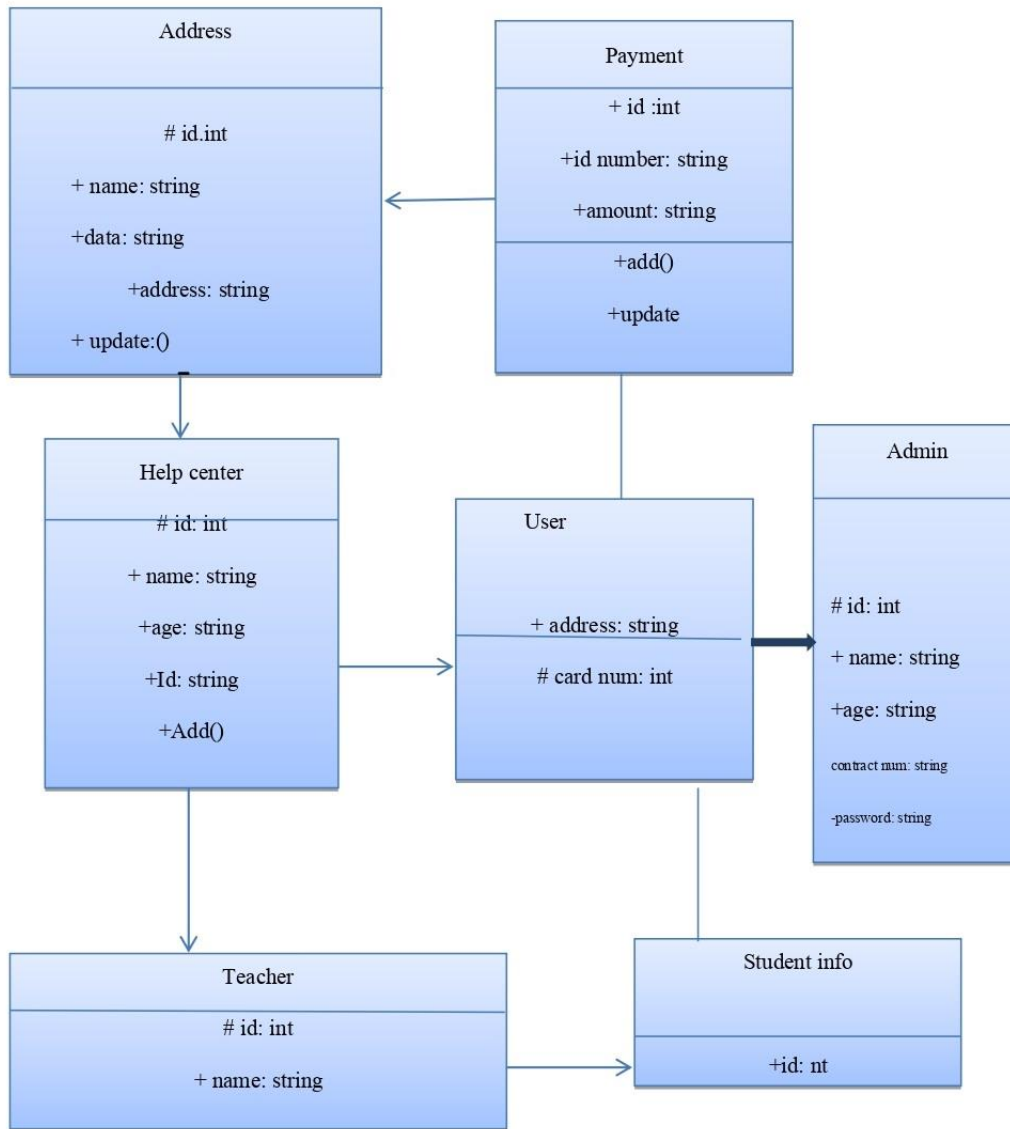


Figure: 4.14 Interaction Design Diagram and User Experience

CHAPTER 5

Implementation and Testing

5.1 Implementation of Database

In the case of Monument, the implementation of the database is the installation of the database through. Configure and customize. Through this database we can keep all the management together.

Table 1: Database Detail of Super Admin

Data base name			Super Admin		
Area	Value Type	volume	Null	PK	statement
First Name	Varchar	255	✓	✓	Contain first of admin
Last Name	Varchar	255	✓		Contain last name of admin
Id	INT	20			Student id contain of admin
Contract Number	Varchar	255	✓		Admin collect contacts number
Father contract Number	Varchar	255	✓		Contain of all student contact number
Email	varchar	255	✓		Container contain of verification of all email
Email-Password	Varchar	255		✓	Container of contain email password
Member token	Varchar	255		✓	Container of contain member token

Table 2: Data base detail of Building

Chart Name			Building		
Area Name	Value Type	volume	Null	PK	Statement
ID	INT	25	√		Teacher id
Building_Name	Varchar	255	√	√	Hall building name
Building-location	Varchar	255	√		Location of building hall

Table 3: Data base detail of hall Notice

Data base Name			Notice		
Teacher Id	INT	35	√	√	Provided of teacher Id
Notice title	Varchar	255	√		Notice title provide
Notice File	Varchar	255	√		notice file submit

Table 4: Database information details of reset

Chart name			Rest password		
Area	Value	Volume	Null	PK	Statement
Email	Varchar	255		✓	Reset of all email password
ID	varchar	30	✓	✓	Reset of all id password

Table 5: Database information details Room

Chart name			Room		
Area name	Value Type	volume	Null	PK	Statement
Id	Int	20			Super admin contains of id
Room-name	varchar	255			details of all room name
Booked	Int	25			Booked of check all room
Quantity	Int	40			Check of hall room Quantity
Building number	Int	30			Count of all building room

5.2 Implementation of front-end Design

HTML :<!DOCTYPE html>

<html>

<body>

- All html starts first <html>
- And end all html </html>

- Html visible part of <body>
- HTML end part of </body>

CSE: Computer science and engineering is very important book for CSE department computer science and engineering answers at every step is very important in what jobs. Machine Learning from the CSC Department has projects on Computer Science and Engineering which are very important and report many reports.[4]

Web developing

- Web design
- Graphics
- Architecture design
- Social graphics
- Algorithms
- Visualization
- Numerical and symbol computing
- Softer Engineering
- Distributer processing
- Operating System
- Artificial intelligence
- Cryptography
- Data structures and analysis of algorithm
- Computer network and embedded system

Java Script: we know that java script to program the behavior of web page.

- Using JavaScript makes it easy to create and work quickly
- Easy to Used
- Easy server load
- Easy to rich interface
- Security versatility
- Public Popularity
- Java script easy to understand

- Good for speed
- Java script less over head

Back End Design

PHP: we know PHP- Hypertext Preprocessor Server programming language is html Client Server and Security Language used

5.3 Testing Implementation

- Testing of Functionality
- Testing of Usability
- Testing of Database
- Testing of Performance
- Testing of Security

5.4 Testing of Security

The primary certainty of any frame is the safety test. The interior pages are inaccessible to users who are not registered. The manager's credential is not accessible to the paying customers. If a person is inactive for an extended period of time, their meetings will be automatically deleted.

CHAPTER 6

Impact on Society and Environment

6.1 Impact on Society

Society that is important to me is very important to many students. Management is very important to our education, it is necessary to ensure that through every education we provide mentally healthy development, mentally healthy environment is polluted through management

- The digital applications that have taken the place of traditional ones offer both foods and health a number of opportunities

- The services are designed with consumers in mind.

- The contracts are made much too quickly.

Usually, it has a super admin and admin panel

- Generally, in a country like Bangladesh this hall management system is required on a large

6.2 Impact on Environment

With the development of the Internet and online charity platforms, a new strategy for food and health has emerged of hall canteen. On costs and the environment, there is uncertainty regarding the systemic effects of this change in charity. The logistics networks for charity fulfillment and help for teacher and student use a lot of energy and money, which is a major issue for the new online charity service models.

6.3 Ethical Aspect

Online Hall service is a term used to describe a platform for the exchange of social and services over the internet. This campaign procedure may take the form of offering or taking part in online marketplaces of hall face book group that handle donation of social workers and philanthropists as well as online marketplaces for helping to student and teacher. [3]

6.4 Sustainability Plan

Sustainability Plan Sustainability means attaining our aims without compromising the potential of future generations to do the same. [10]

In addition to natural resources, we also need social and economic resources. One facet of sustainability is environmentalism. Most definitions of sustainability also take economic development and social equality into account. Its goal is to achieve equilibrium between the economy, society, and environment.

CHAPTER 7

Conclusion and Future Scope

7.1 Discussion and Conclusion

At last, I think through this project of mine will provide management system of every student and their benefits search by student id because no. Through this my apps all parents try to determine the future of the child and to keep the child healthy for their benefit that I have made this app so that every parent can keep his child in a healthy and beautiful and healthy and environment for the students through this apps and this through apps.

With these apps, parents can keep their child beautiful and have a treatment there and provide all the benefits. [3]

7.2 Scope for Further Developments

This apps will be very important for the future as we now work jokes online through these apps, we will be able to book seats in advance and see which room is in the room wirelessly we will have all kinds of facilities and in the future our apps. Can see all their stuff through and through. [2]

One of the most important features of hall is that the canteen canteen can see what kind of products food is available through the app and the biggest advantage of the hall is that the biggest advantage is that you can know the price of what are the prices. [9]

More important thing about my apps is as we live next to the canteen so all the canteen food pictures and food prices can be taken according to which students want to eat. Future upgrade all this project.

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