RAYAT SHIKSHAN SANSTHA'S

C.D. JAIN COLLEGE OF COMMERCE, SHRIRAMPUR

A project Report

On

"Hostel Management System"

Submitted To

University of Pune

In Partial Fulfilment of the Requirement

Of B.B.A.(C.A.)-II

Bachelor of Business Administration
(Computer Application)

Submitted By

Miss. Kulkarni Vaishnavi Vikas

Under Guidance Of

Mr. Lande R. D.

During Academic Year

2023-2024

RAYAT SHIKSHAN SANSTHA'S

C. D. JAIN COLLEGE OF COMMERCE, SHRIRAMPUR

CERTIFICATE

(Department Of B.B.A.(C.A.))

This is certify that project entitled "**Hostel Management System** "submitted by **Miss. Kulkarni Vaishnavi Vikas** student of **B.B.A.(C.A.)-II** (Bachelor of Business Administration And Computer Application) had satisfactorily completed the project during the academic year 2023-24

Date: / /2024

Project Guide:
Mr. Lande R.D.

Head of Department
Mr. Chandratre Y.V.

Internal Examiner

External Examiner

ACKNOWLEGEMENT

I am really happy to present project “Hostel Management System” in PHP & MySQL. I would like to thank Mr. Chandratre Y.V (head of Department) for allowing making full use of lab facility. I thank to Mr. Lande R. D. spends there valuable time for me and they gives me advice and useful suggestions about system. I am very thankful to our Mr. Lande R. D. guided me throughout the project without of them my project would not be successful. It reach up to the present stage because of their dedication and guidance.

And also special thanks to those who helped me for completing this project successfully they solve all my problems , error occurred while making a project and they suggested changes due to the which my project look more attractive and give me idea of project.

Place: Shrirampur **Date: / / 2024**

Signature:

Miss. Kulkarni Vaishnavi Vikas

DECLARATION

I Miss. Kulkarni Vaishnavi Vikas of **B.B.A.(C.A.)-II** C. D. Jain College of Commerce, Shrirampur declare that the project entitled **"Hostel Management System"** have been successfully & this project is submitted towards the partial fulfilment of the requirement of the degree of **B.B.A.(C.A.).** This project is not submitted for any other Degree, Diploma or other similar title or prize in any other university**.**

Place: Shrirampur Date: / /2023

Signature:

Miss. Kulkarni Vaishnavi Vikas

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1. INTRODUCTION

This is a project work undertaken in context of partial fulfilment of B.B.A.(C.A.)-II have tried my best to make the complicated process of Hostel Management System as simple as possible using structured and modular technique. Project title "Hostel Management System" (a project for keeping students Record.) Hostel Management is The application of project management to the creation and development of hostels. Hostel management involves small sub_modules which have one unique base module & which is describes the all event details. This details are basically made for the Targeted customers the customer who wanted to plan and event they refer the system. Very few Hostel Management system maintain some of the data computerized list, vendor list, etc.

I design hostel management system to facilitate the hostel admin in the Hostel management. Hostel Management project is very user friendly software that Is why they do not require specially trained person to handle the software.

2. COMPNY PROFILE

Name : C. D. Jain Women's Hostel

Name of Owner : C. D. Jain College

Contact no : 025678993478

Email : office@cdjcollege.com

Establish Year : 2007-2008

Rector Name : Kiran Bhakare

Rector Contact no : 7588030907

3. SCOPE OF THE SYSTEM

This system is aimed at total user-friendly as well as efficient Management of varied tasks. These tasks may range from registering new students, managing admission of students to all the essential features necessary for making the administrative division of college effective. This now only working on student admissions.

4. NEED OF THE SYSTEM & EXISTING SYSTEM

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 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 online registration and online application for hostel.

5. OBJECTIVE OF SYSTEM

1. Maintain the students as hostellers and waiting list students separately.

2. Process allotment list.

3. Admin can send the approval notification to every approved student via

Automatically insert student's details to the hosteller's record when the allotment is confirmed by the admin and deleted when vacation is confirmed or after the course end date.

4. Students can register online.

5. Students can apply for hostel online.

6. PROPOSED SYSTEM

The proposed system is having many advantages over the existing system. It require less overhead and very efficient. The proposed system deals with the online registration, online admission and allotment process efficient.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach. This system maintains students personal, address and contact details.

User friendliness is provided in the application with various controls provided by system rich user interface. Authentication is provided for this application only registered users can access. Event information files can be stored in centralized database which can be maintained by the system. This system provides the employee to manage the system systematically.

7. FEASIBILITY STUDY

1. FEASIBILITY STUDY TECHNICAL FEASIBILITY

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.
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, html as front end technology and sql server as backend technology. Thus ONLINE HOSTEL MANAGEMENT SYSTEM is technically feasible.

2. ECONOMICAL FEASIBILITY

Economic analysis is the most frequently used method for evaluating the effectiveness of a new system. More commonly known as cost/benefit analysis.

3. OPERATIONAL FEASIBILITY

The project has been developed in such a way that it becomes very easy even for a person with little computer knowledge to operate it. This software is very user friendly and does not require any technical person to operate. Thus the project is even operationally feasible.

8. FACT FINDING TECHNIQUE

1. Fact Finding Technique

When stating work on system, system analyst has to collect information about the manual system from user. In order to developed this information system analyst prefers any one of the following fact finding techniques or prefer one or more fact finding technique according to the situation. These techniques are as follows.

- **Record Searching:**

Information was collected through some document, bills, some extra records of student, or information storing way all this details maintained by Shop Owner. User give the details of the procedure how they sells, buy the product to customer and do mortgage, how they maintain their records.

- **Observation:**

Observation allows getting the information which may be useful for…
. Details about the products i.e. their types, making type.
. Information about how selling is done for artificial jewellery and also some temporary items requires for worship, functions etc.
. How to calculate the mortgage amount?
. How they maintain the manually record of customer?
. There expectation from our computer system?
. In some situation are they take extra charges from customer?
. Which type of or names do they sell?
. What type of details you take from customer,reference person?

- **Questionnaires:**

I have used this fact finding technique as a supplement to my interviews
By questioning the hostel. I have been able to study the system management

and have been able to collect good data regarding my project question like

Questionnaire list:

1. **How do you maintain records?**

2. **How do you maintain admission records?**

3. **How many students allotted in one room?**

4. **How many students allot in one room?**

5. **How many room in the hostel?**

9. SOFTWARE / HARDWARE SPECIFICATIONS

Frontend-HTML

Backend-PHP

1. Software Platform

. Mysql-Backend

. Wamp-Server

Operating System

. Windows11

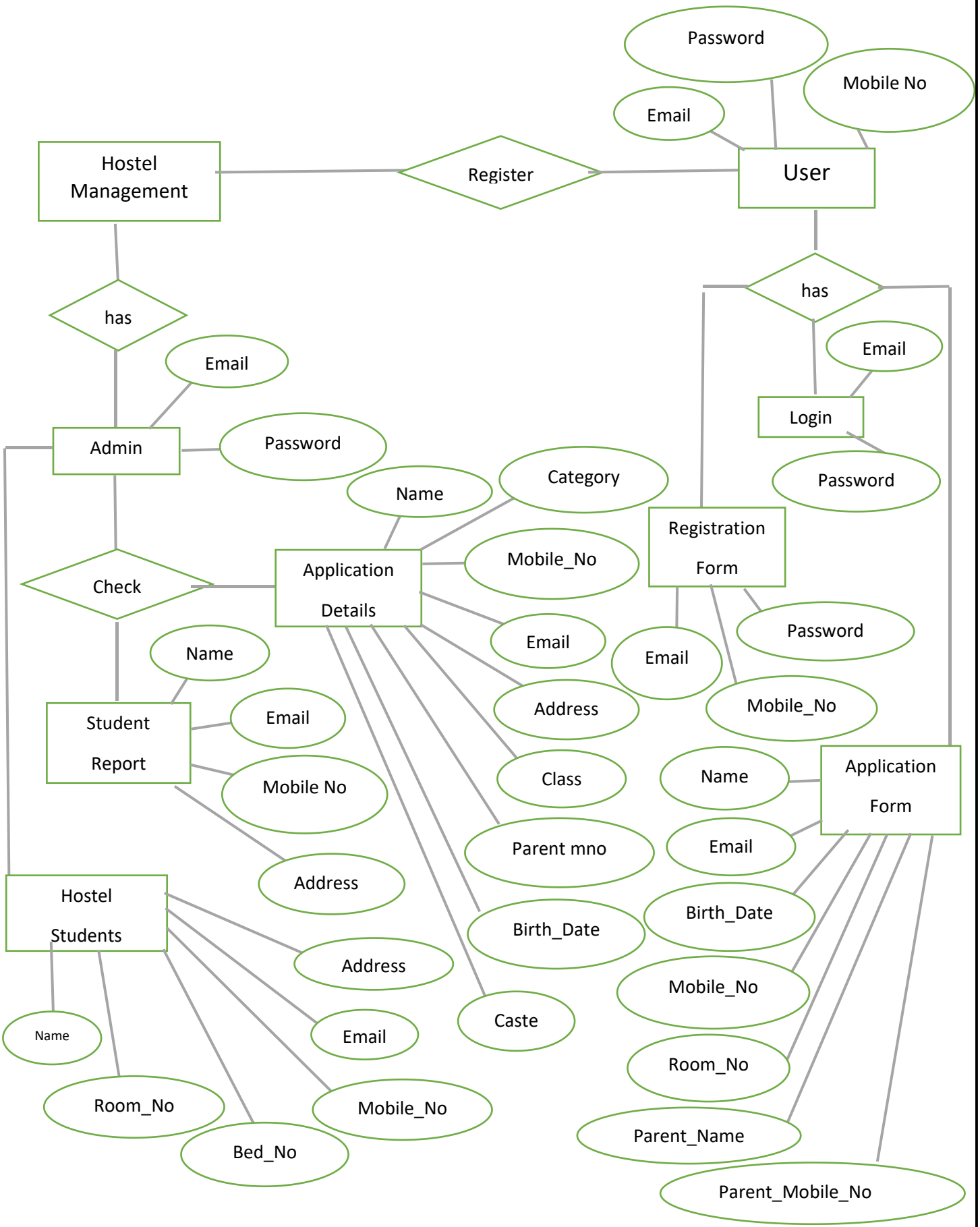
2. Hardware Platform

. 512gb of harddisk

. 8gb ram

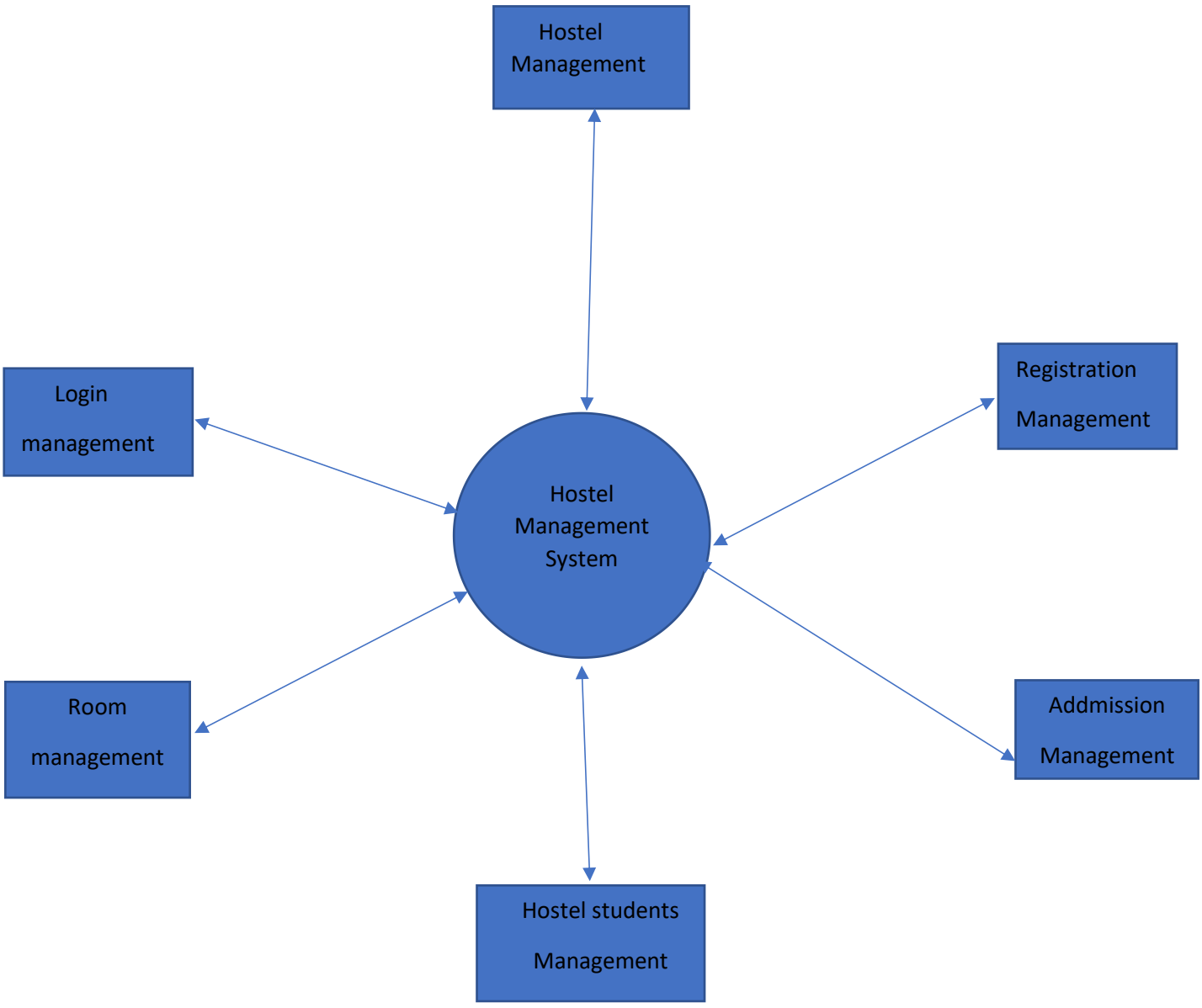
. Printer

10. ANALYSIS & DESIGN ER DIAGRAM

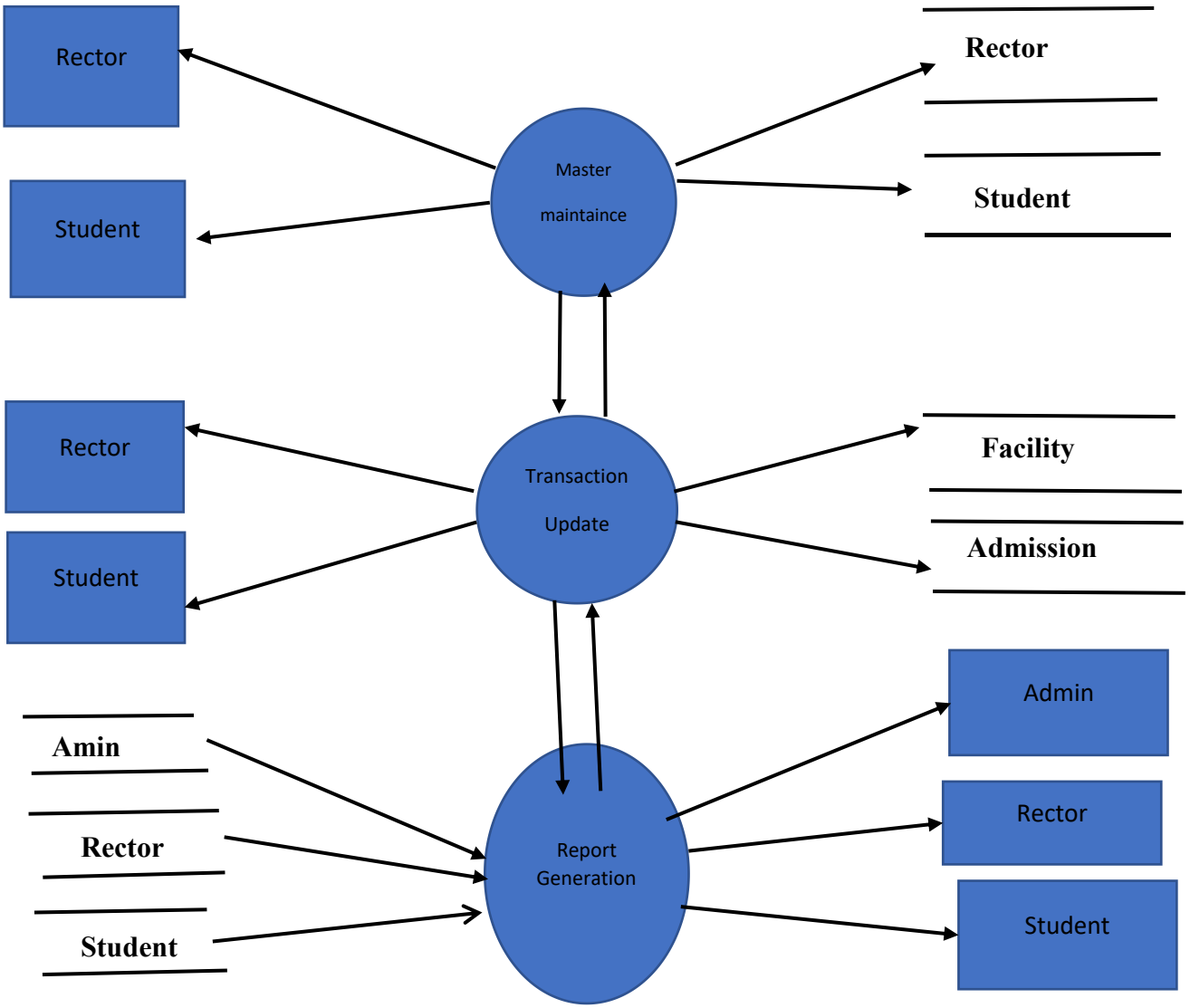


DATA FLOW DIAGRAM (DFD):

1. 0 LEVEL DFD (CONTEXT LEVEL):



2) 1ST LEVEL DFD



11.DATA DICTIONARY

1. Database Name: Project1

1) **Table Name:** Admin

Field Name	Field Type	Description
Email	Text	Define User Email
Password	Text	Define User Password

2). Registration

Field Name	Field Type	Description
U_id	bigint	Auto Increament
Name	Varchar	Define User Name
Email	Varchar	Define User Email
Mobile_No	Varchar	Define User Mobile No
Birth_Date	Varchar	Define User Birth Date
Upass	Varchar	Define User Password

3). Application

Field Name	Field Type	Description
U_id	Bigint	Define User ID
Name	Varchar	Define User Name

Email	Varchar	Define User Email
Mobile_No	Varchar	Define User Mobile No
Birth_Date	Varchar	Define User Birth Date
Birth_Place	Varchar	Define User Birth Place
Address	Varchar	Define User Address
Taluka	Varchar	Define User Taluka
District	Varchar	Define User District
Caste	Varchar	Define User Caste
Sub-Caste	Varchar	Define User Sub Caste
Category	Varchar	Define User Category
Religion	Varchar Varchar	Define User Religion
Matital_Status	Varchar	Define User Matital Status
Pre_Institute	Varchar	Define User Previous Institute
Pre_Quali	Varchar	Define User Previous Qualified Exam
Pre_Per	Varchar	Define User Previous Percentage
C_Class	Varchar	Define User Current Class
P_Name	Varchar	Define User Parent Name
P_Addr	Varchar	Define User Parent Address

P_Tal	Varchar	Define User Parent Taluka
P_Dis	Varchar	Define User Parent District
P_Mno	Varchar	Define User Parent Mobile No
P_Rel	Varchar	Define User Parent Relation
P_Occu	Varchar	Define User Parent Occupation
Room_No	Int	Define User Room No
Bed_No	Int	Define User Bed No
Documents	Varchar	Define User Documents path

4). Room

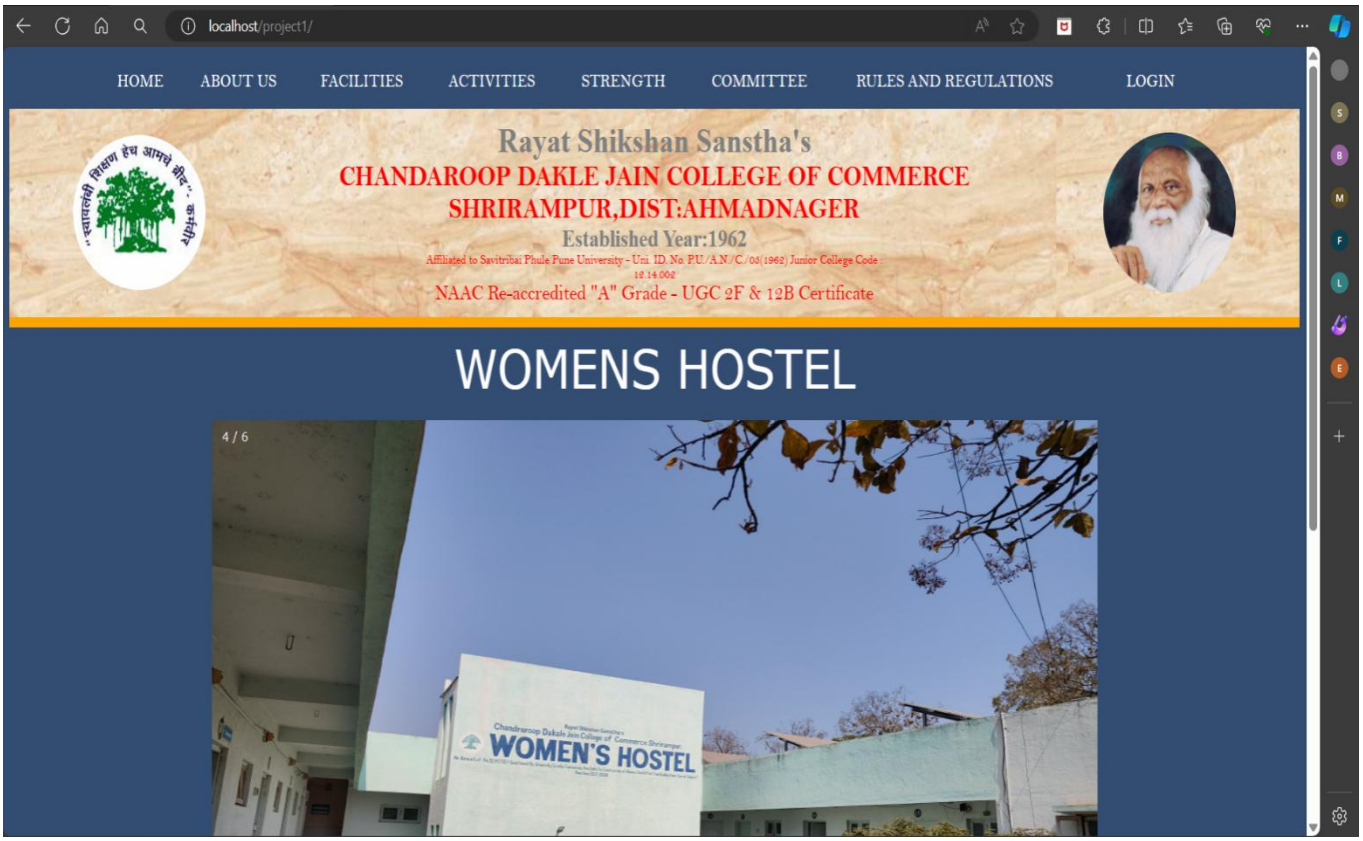
Field Name	Field Type	Description
Room_no	Int	Define User room no
No_of_bed	Int	Auto
Allocated_stud	Int	Auto

5). Bed

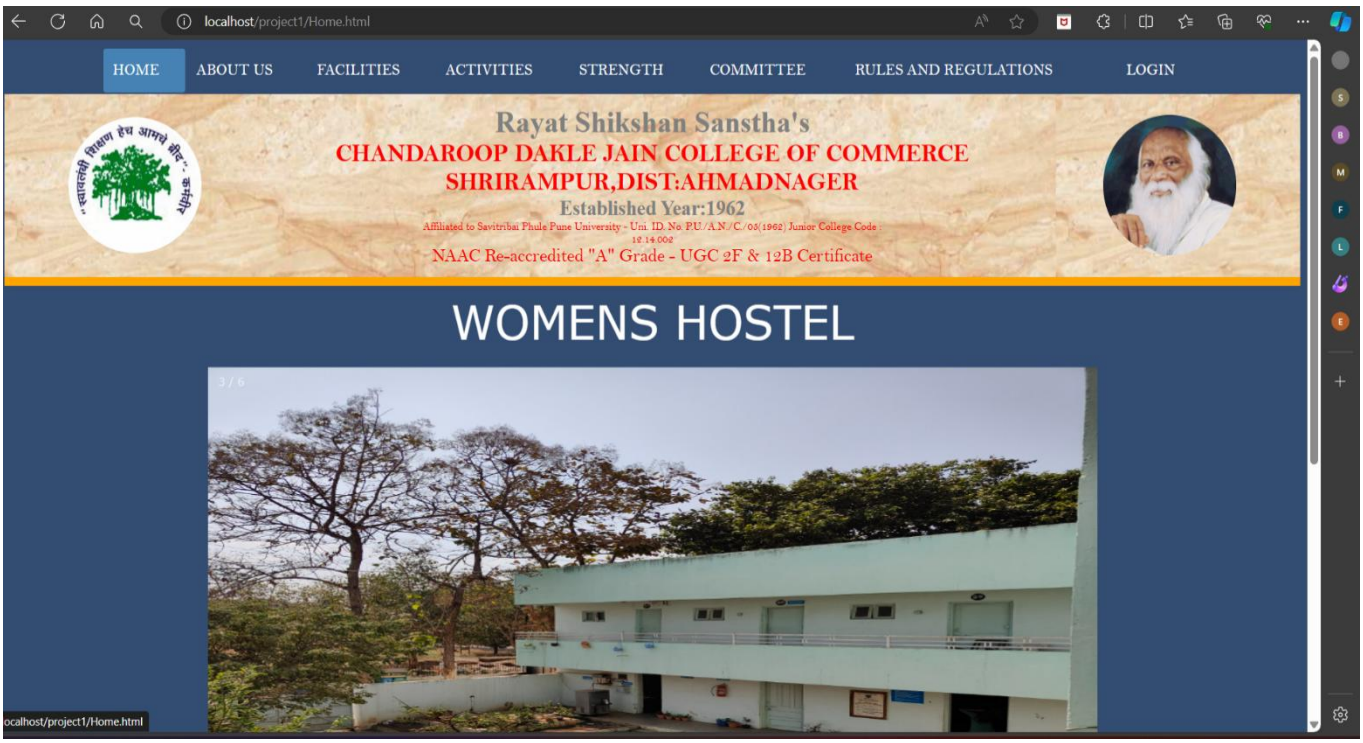
Field Name	Field Type	Description
bed_no	Int	Define User bed no
Room_no	Int	Auto
Stud_id	Int	Auto

12.SCREENSHOT:

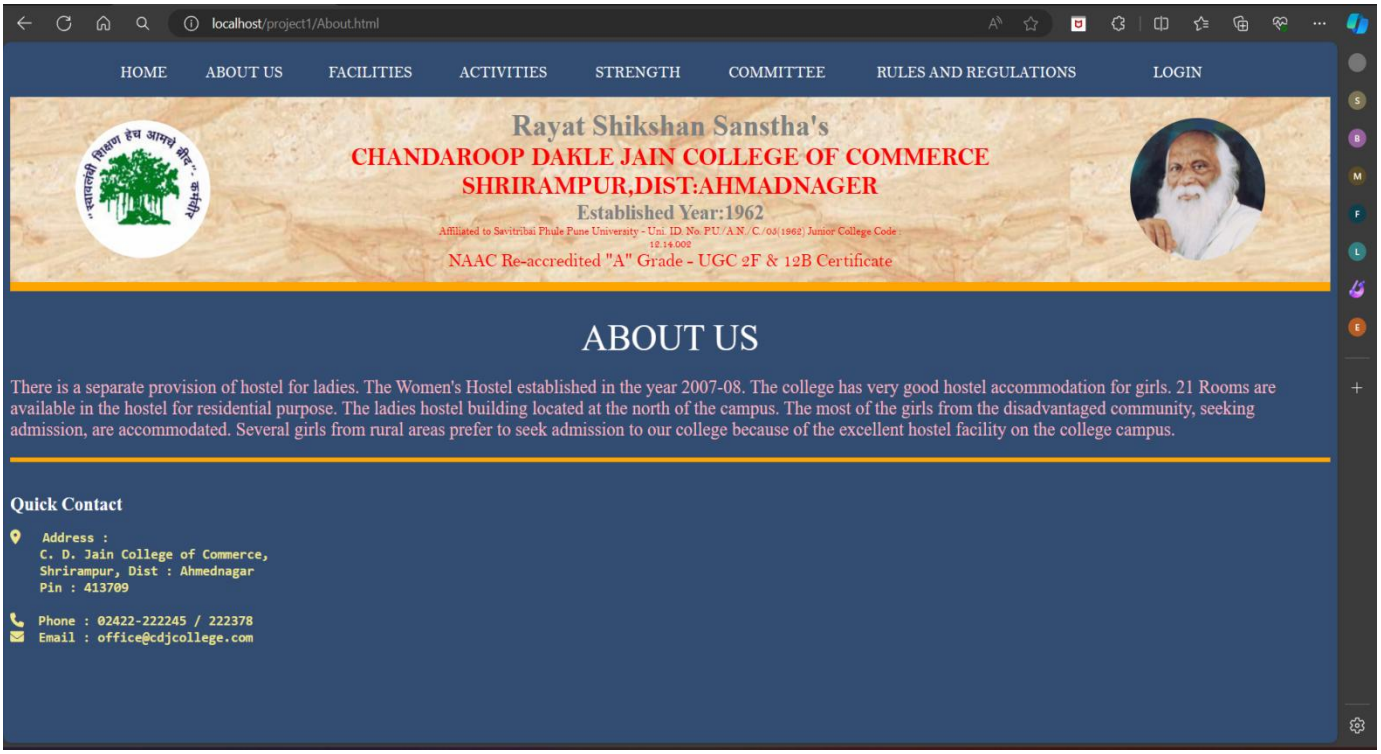
Main Page:



HOME PAGE:

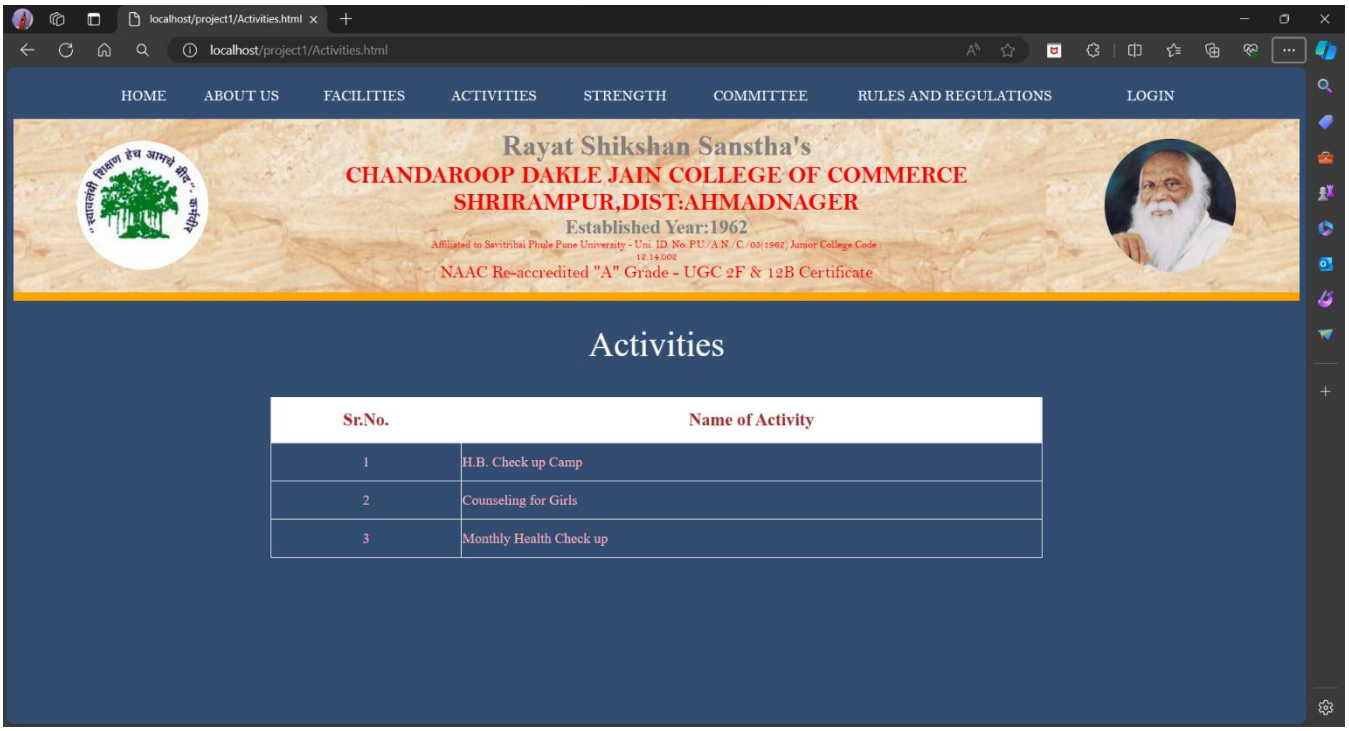


ABOUT:

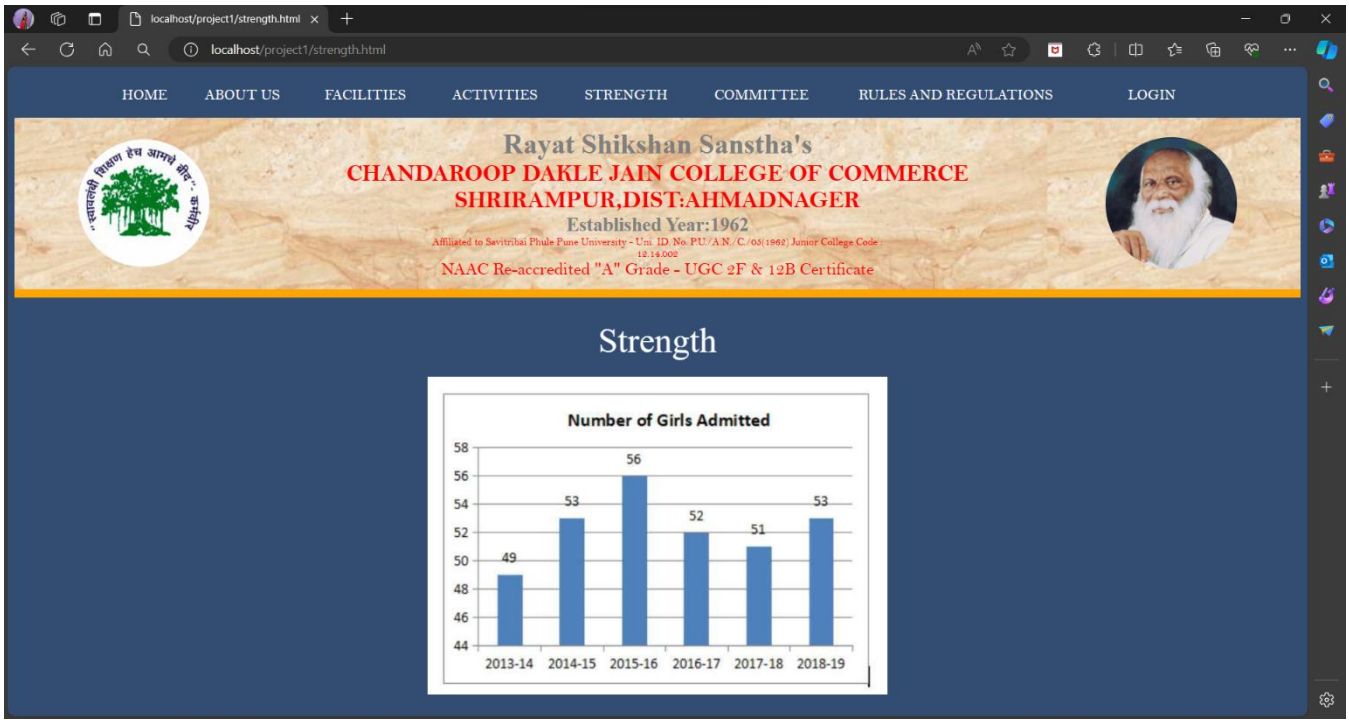


FACILITIES:

ACTIVITIES :

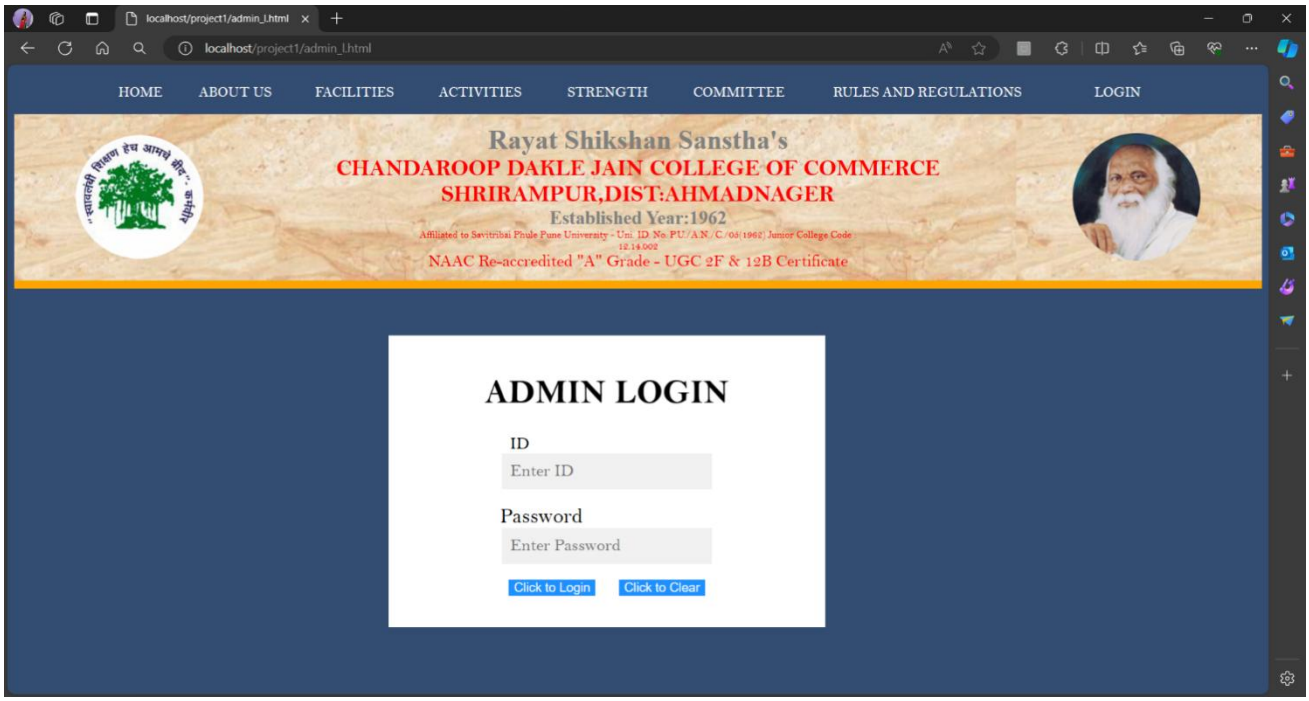


STRENGTH:



RULES AND REGULATIONS:

ADMIN LOGIN PAGE :



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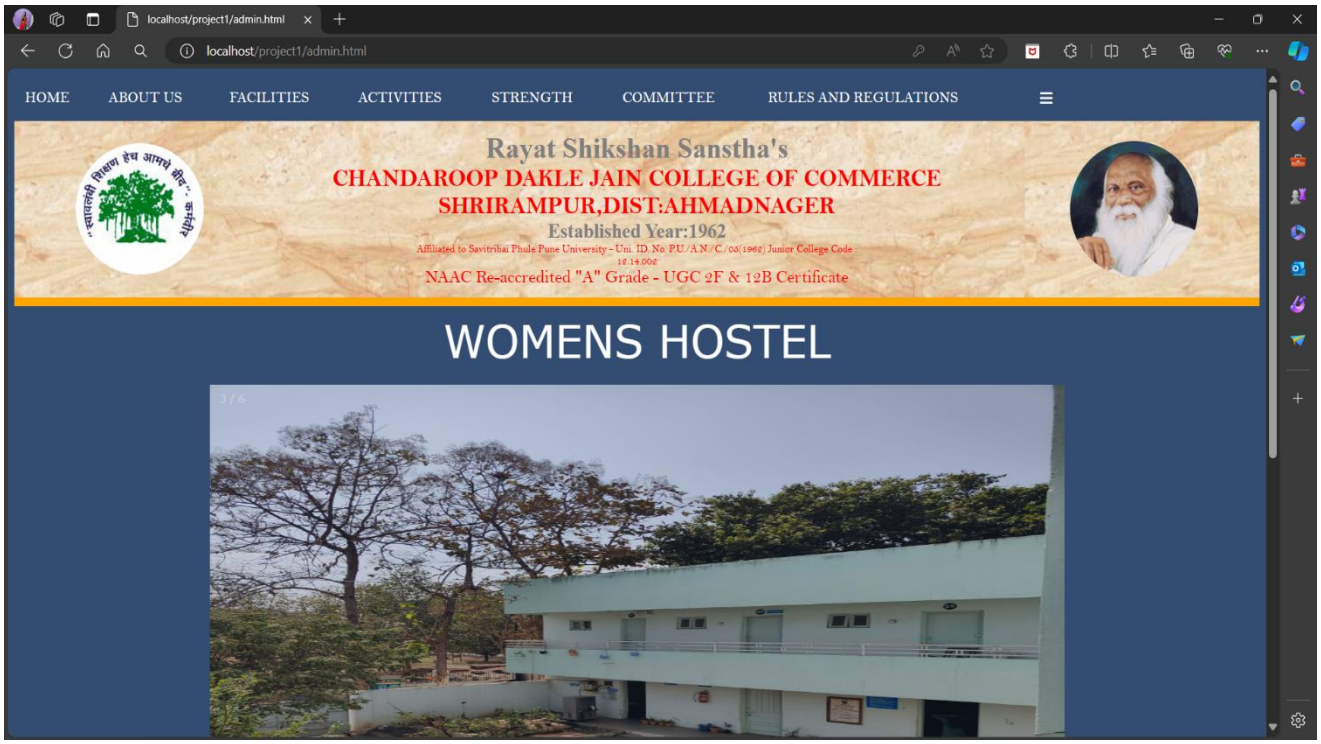
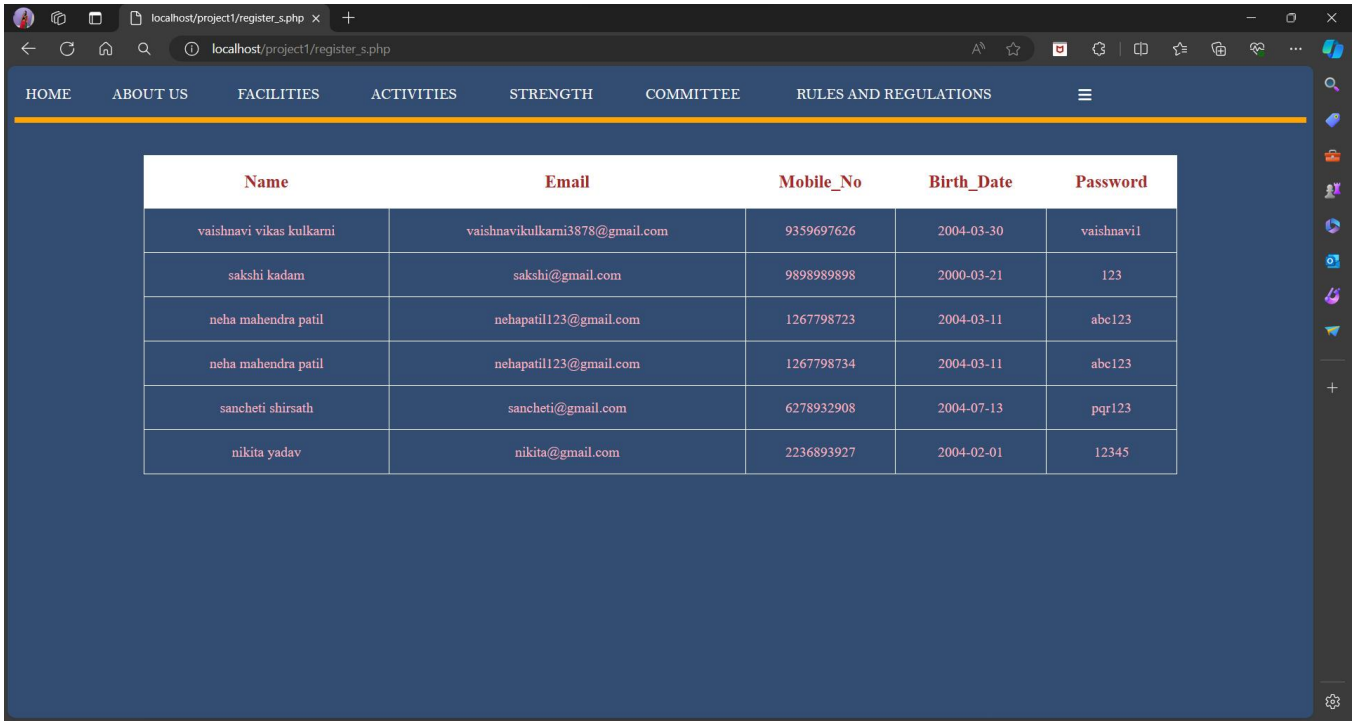
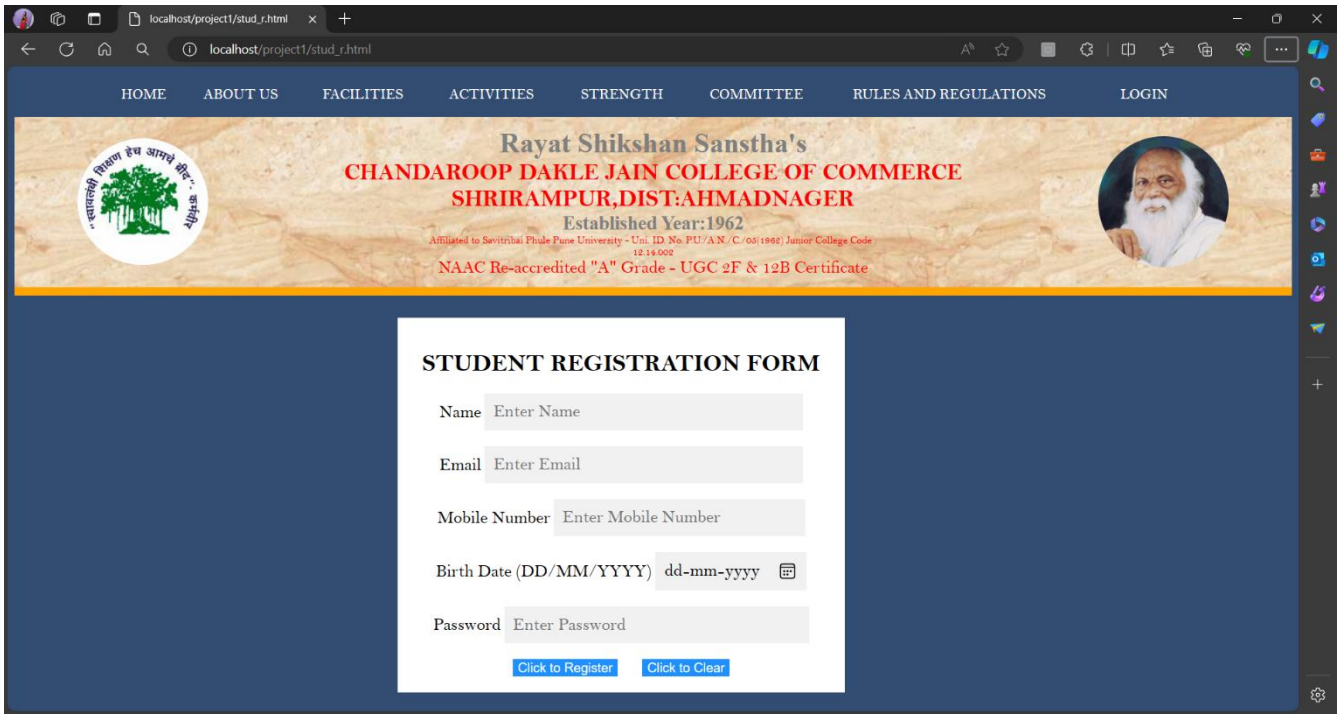


REGISTERED STUDENS RECORD :

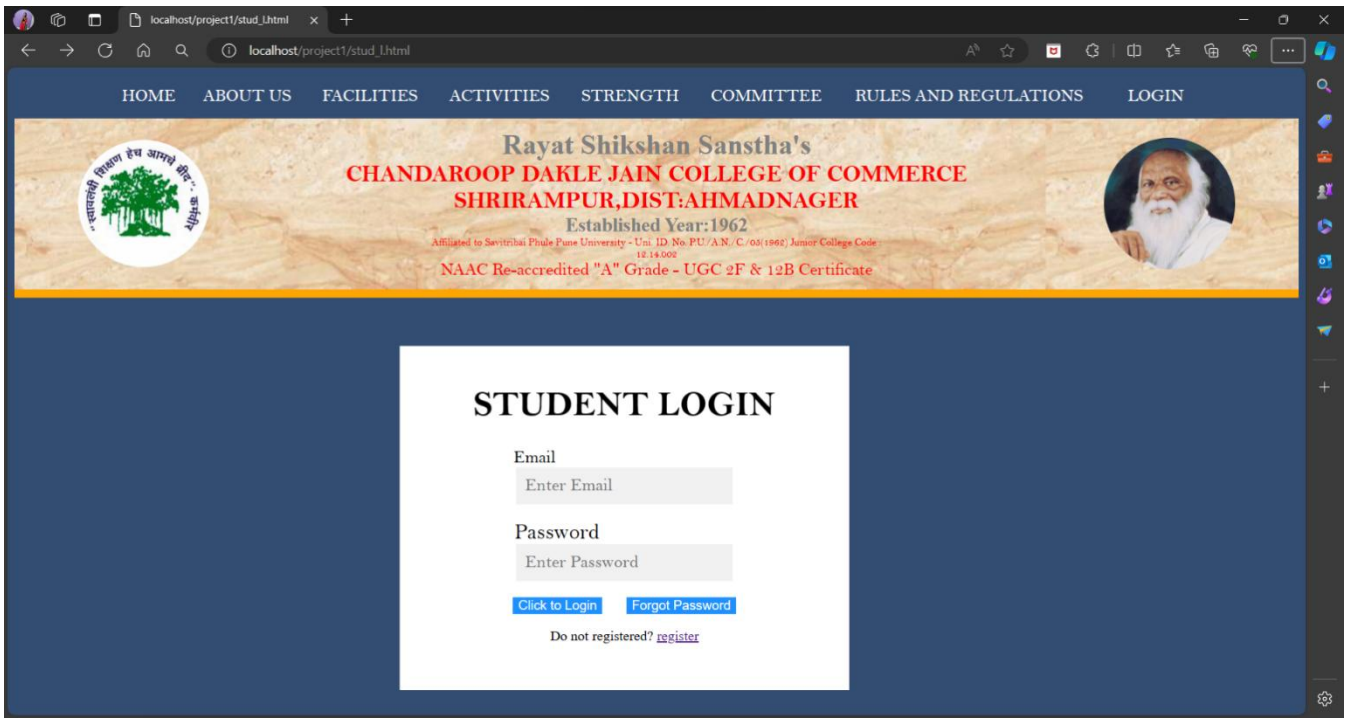


Name	Email	Mobile_No	Birth_Date	Password
vaishnavi vikas kulkarni	vaishnavikulkarni3878@gmail.com	9359697626	2004-03-30	vaishnavi1
sakshi kadam	sakshi@gmail.com	9898989898	2000-03-21	123
neha mahendra patil	nehapatil123@gmail.com	1267798723	2004-03-11	abc123
neha mahendra patil	nehapatil123@gmail.com	1267798734	2004-03-11	abc123
sancheti shirsath	sancheti@gmail.com	6278932908	2004-07-13	pqr123
nikita yadav	nikita@gmail.com	2236893927	2004-02-01	12345

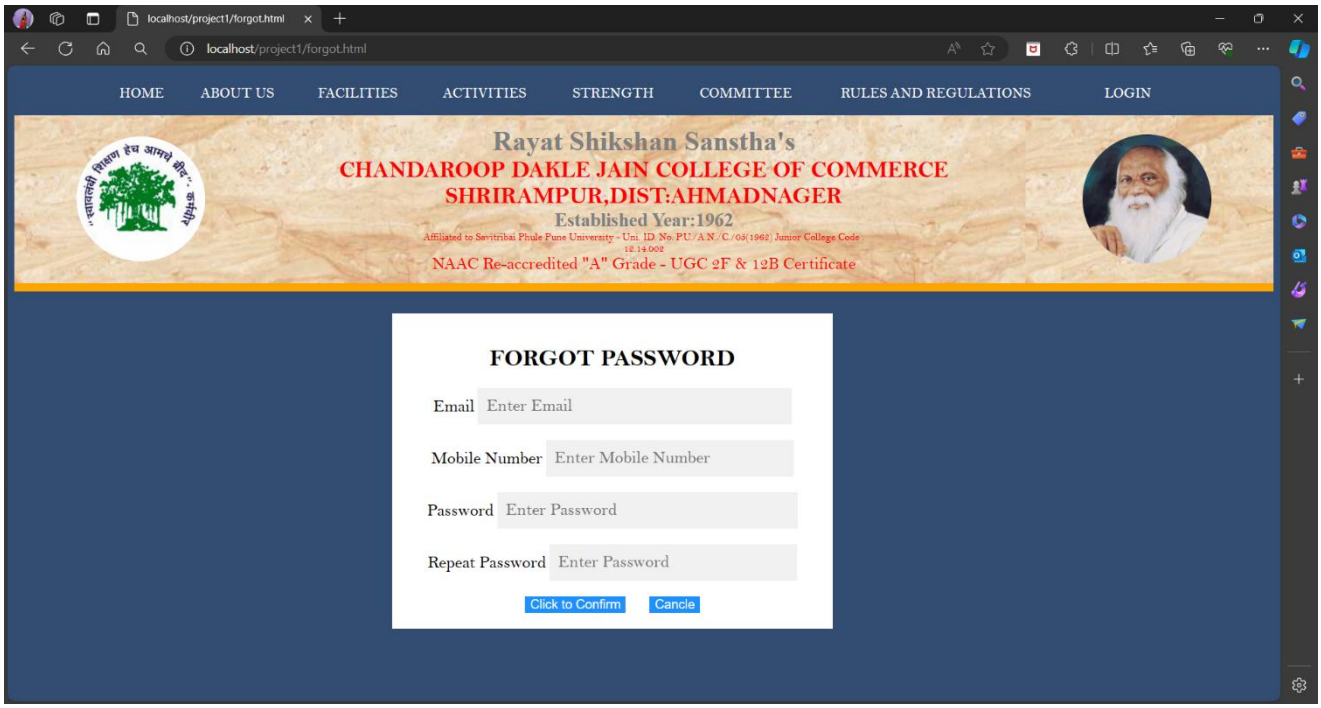
STUDENT REGISTRATION PAGE :



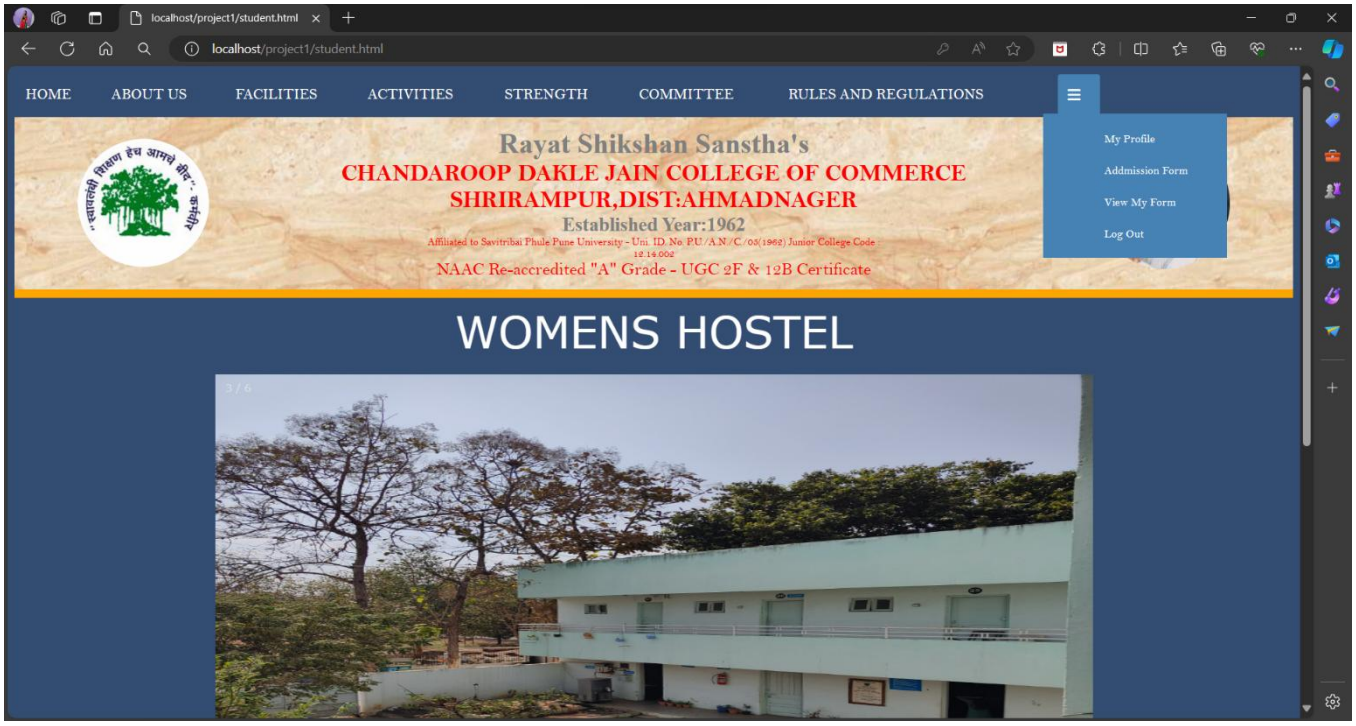
STUDENT LOGIN PAGE :



UPDATE STUDENT PASSWORD :

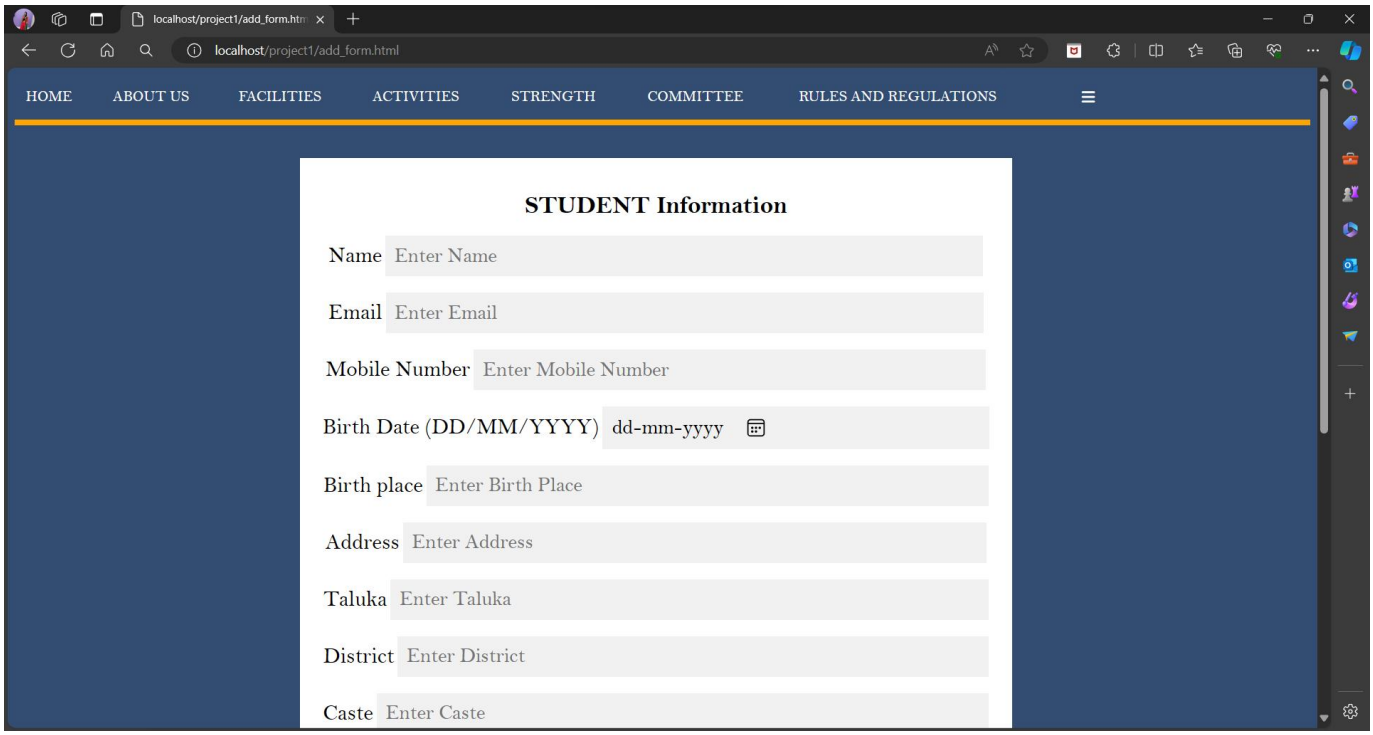


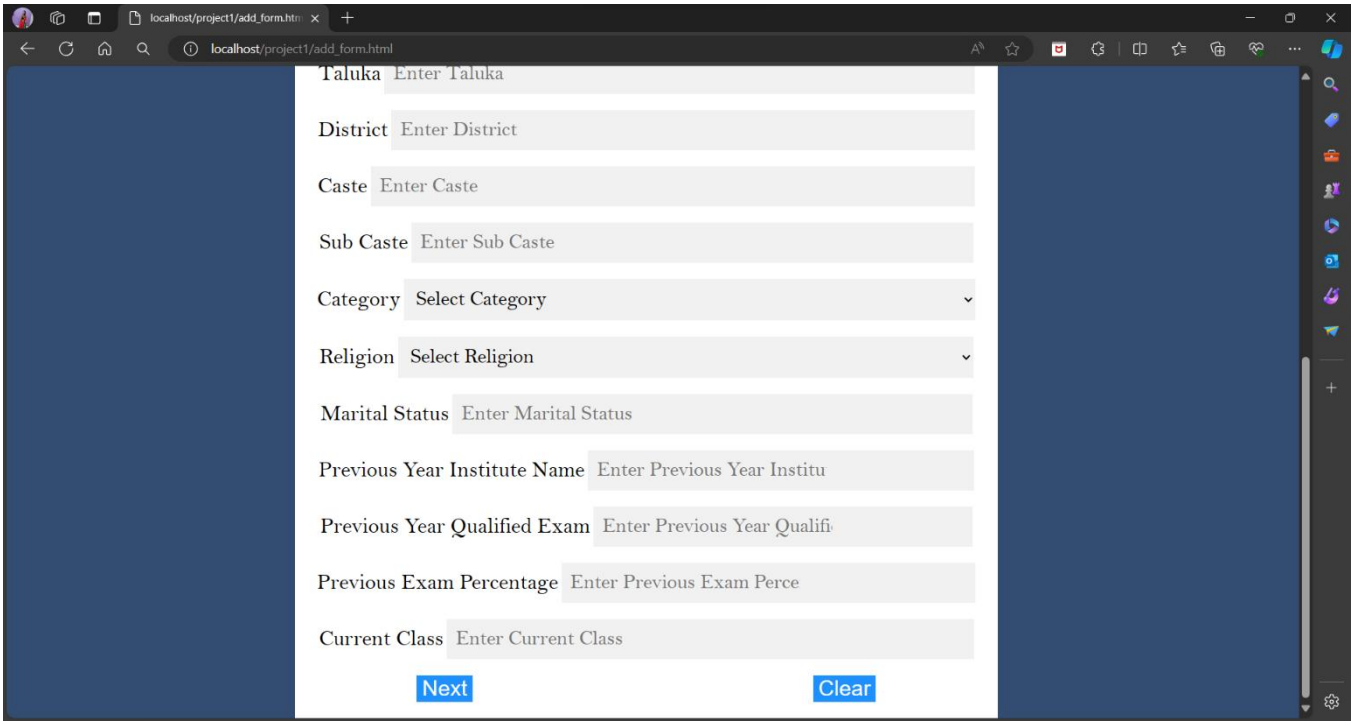
STUDENT PAGE:



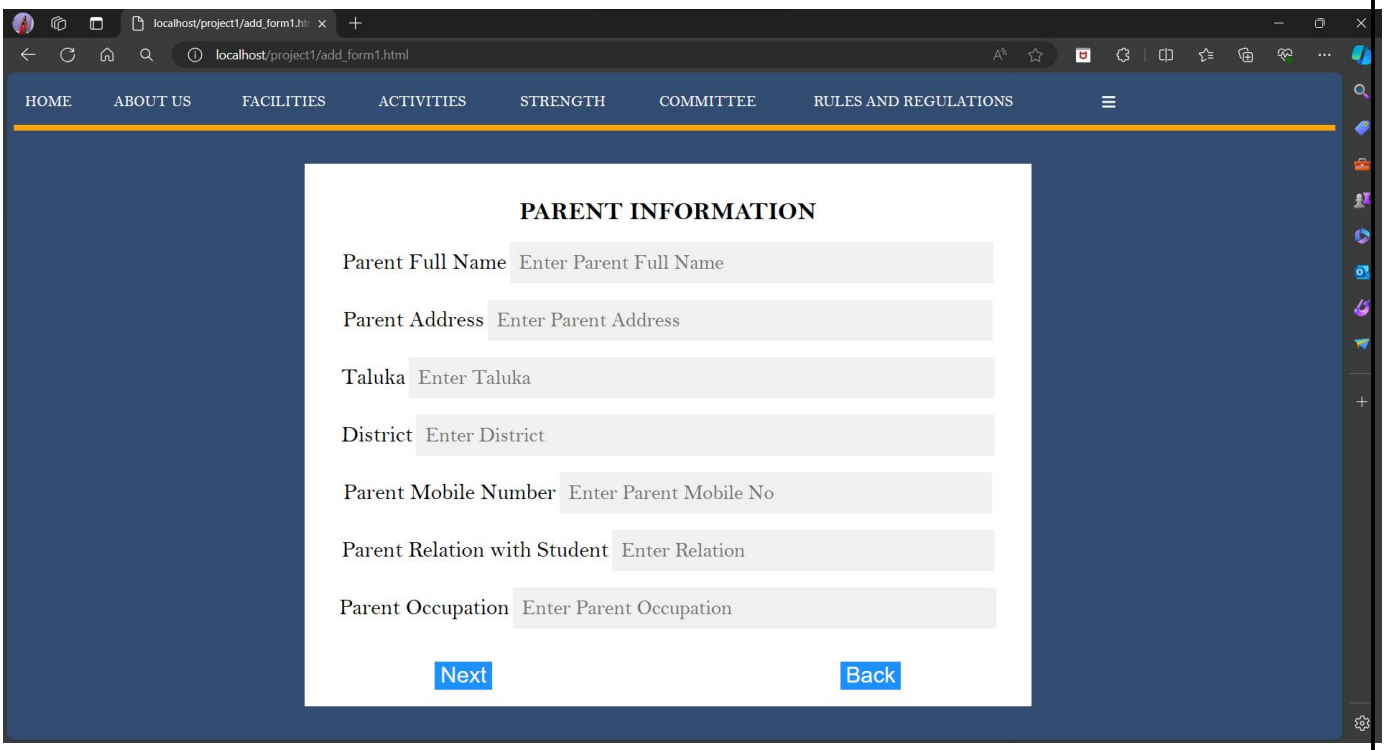
ADMISSION FORM:

1. STUDENT DETAILS :

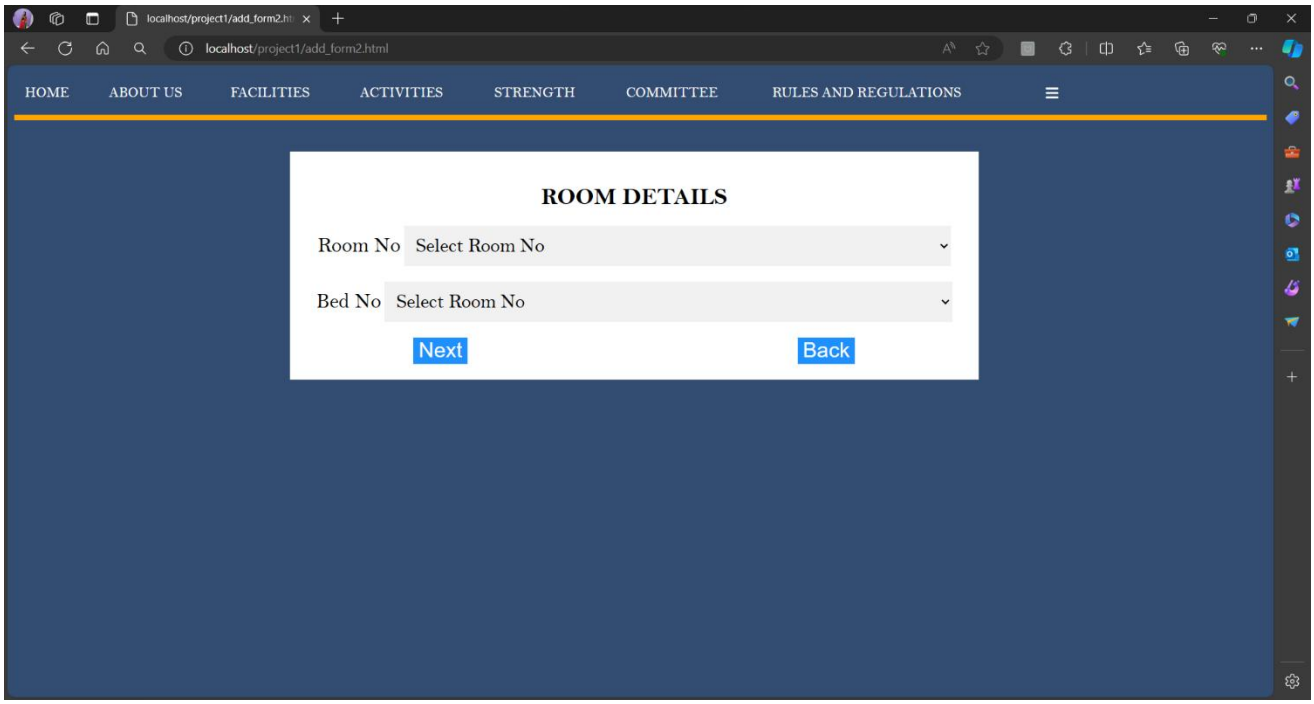




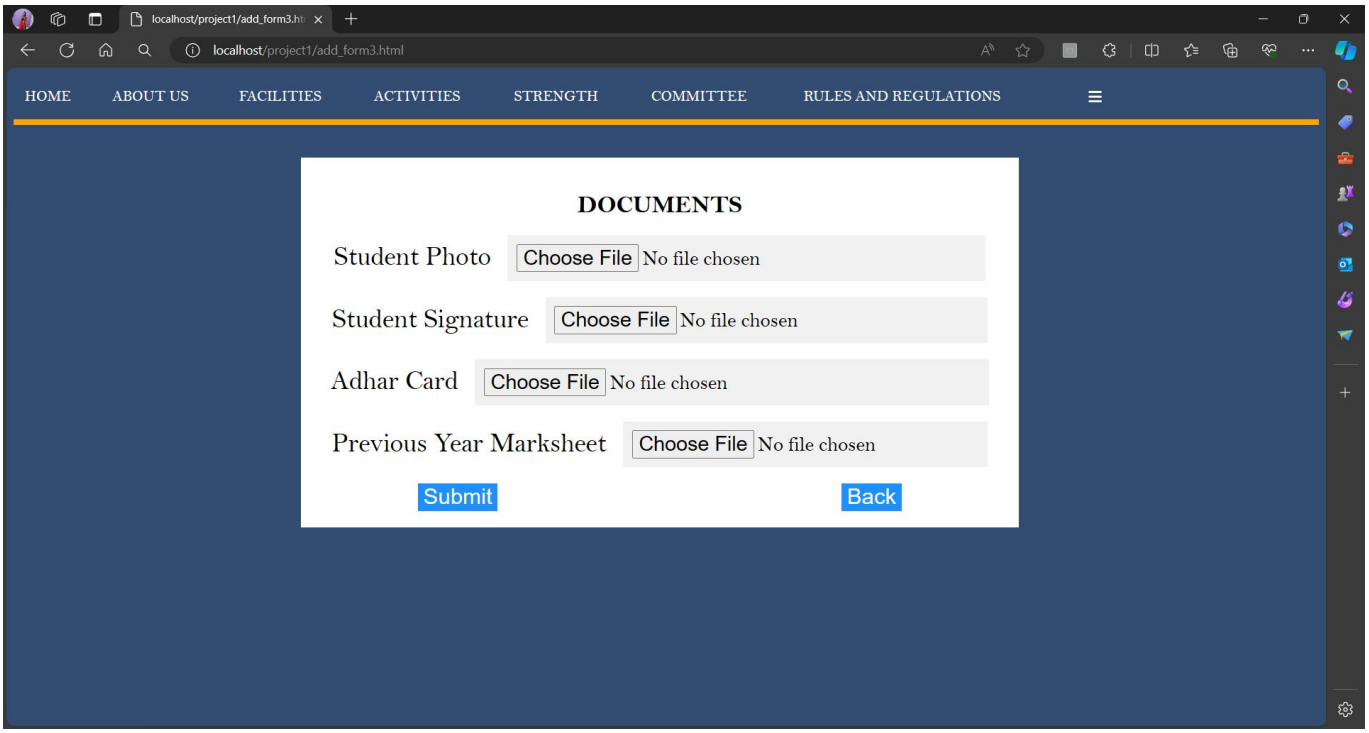
2. PARENT DETAILS:



3. ROOM DETAILS :



4. Documents :


localhost/project1/add_form3.html
HOME
ABOUT US
FACILITIES
ACTIVITIES
STRENGTH
COMMITTEE
RULES AND REGULATIONS
DOCUMENTS
Student Photo
Choose File
No file chosen
Student Signature
Choose File
No file chosen
Adhar Card
Choose File
No file chosen
Previous Year Marksheet
Choose File
No file chosen
Submit
Back

13.FUTURE SCOPE

It is easy to extend the system that we have proposed. A person could see any of the issued, unissued or all the rooms according to his/her will. In future I can implement some features for “HOSTEL MANAGEMENT SYSTEM” project.

14.BIBLIOGRAPHY & REFERENCES

14.1 : BIBLIOGRAPHY:

i. Text editor (notepad)
ii. Web browser (Google Chrome)
iii. Local server (Wamp server)
iv. MySQL database

14.2: REFERENCES:

1. https://www.w3schools.com/
2. https://www.javatpoint.com/
3. https://www.google.com/