

PROJECT REPORT

On

“HOSTEL MANAGEMENT SYSTEM”

*Submitted in partial fulfillment of the requirements for the
award of*

Bachelor of Technology (B.Tech)

In the department of

Computer Science & Engineering



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The Assam Kaziranga University, Jorhat, Assam

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CERTIFICATE

This is to certify that the project report entitled “**HOSTEL MANAGEMENT SYSTEM**”, submitted to the School of Engineering & Technology (SET), **KAZIRANGA UNIVERSITY, JORHAT** in partial fulfillment for the completion of **Semester- 8th** of the degree of **Bachelor of Technology** in the department of **Computer Science & Engineering**, is a record of bonafide work carried out by **Mr. Sayanka Sikhar Barman (ET18BTHCS001)**, **Mr. Rohit Kumar Singh (ET18BTHCS009)**, **Mr. Mushtaq Mohd Rejowan (ET18BTHCS035)**, **Ms. Arpita Gogoi (ET18BTHCS046)**, **Mr. Udit Kashyap Barman (ET18BTHCS047)**, under our guidance.

All help received by us from various sources have been duly acknowledged.

No part of this report has been submitted elsewhere for award of any other degree.

Mentor: Dr. BARNANA BARUAH
(Associate Professor)

ACKNOWLEDGEMENT

The satisfaction and euphoria that accompany the successful completion of any task would be incomplete without the mentioning of the people whose constant guidance and encouragement made it possible. We take pleasure in presenting before you, our project, which is the result of a studied blend of both research and knowledge.

We express our earnest gratitude to our Mentor – Dr. Barnana Baruah (Department of IT, CSE), for their constant support, encouragement and guidance. We are grateful for their cooperation and valuable suggestions.

Finally, we express our gratitude to all other members who are involved either directly or indirectly for the completion of this project.

DECLARATION

We, the undersigned, declare that the project entitled 'Home Automation Using Android, being submitted in partial fulfillment for the award of Bachelor of Engineering Degree in Electronics and Communication Engineering, affiliated to Kaziranga University, is the work carried out by us.

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ABSTRACT

Hostel Management system is a website that is developed for managing various activities in the hostel. Amidst covid, the necessity of having an online system of managing activities has increased a lot. The traditional process of paperwork takes time and lot of storage. This project replaces the traditional system and avoids the problems which occur during the traditional way of work.

Identification of the drawbacks of the existing system leads to the designing of a computerized system that will be compatible with the existing system and is friendlier and more graphically user interaction oriented.

Table of Contents

Chapter	Title	Page
	Title Page	
	Certificate	
	Acknowledgement	
	Declaration	
	Abstract	
	Table of Contents	
1	Introduction	
	1.1 Problem Definition	6
	1.2 Purpose and Scope of the Project	6
	1.3 Overview of Responsibilities	6
2	Requirement Analysis	7
3	Tools and Technologies Used	8
4	Implementation	10
	4.1 Architecture	10
	4.2 ER and Schema of the Database	11
	4.3 Working of the Project	12
	4.4 Database Screenshots	20
5	Setup Instructions	25
	5.1 Sublime Text	25
	5.2 XAMPP	26
	5.3 phpmyadmin	28
6	Conclusion	29
	References	29

CHAPTER 1 INTRODUCTION

1.1 Problem definition

This system is designed in favor of the hostel management which helps them to save the records of the students about their rooms and student related information. There is a lot of repetitive work such as registration, fees payment, verifying information, arranging the students according to the courses, room numbers, etc.

We can improve the efficiency of the system by designing a user-friendly site that requires minimum effort and input. We can improve the efficiency of the hostel management process especially for the campus hostels.

1.2 Purpose and Scope of the project

In this era of contactless virtual meetings, it would be very helpful for finding different ways of avoiding physical visits by preventing the long queues of registration and manual work. With a click of a button, the application would store and retrieve the record of the students and maintain the data.

1.3 Overview of Responsibilities of a developer

- Provide a responsive and stunning user interface
- Authentication and validation of students and admin
- Storing of data in a database
- Functionality for viewing and editing rights
- Management of records and retrieval
- To avail any information, whatever and whenever needed
- Reduce the cost of maintenance

CHAPTER 2 REQUIREMENT ANALYSIS

There are various platforms available in the market for hosting a website. There are few free platforms that provide very less security whereas the paid platform provides more security.

- *Hardware resources:* Server (Cloud based or Physical)
- *Software Resources:* Browser (Chrome, Firefox, Microsoft Edge latest versions)
- Database: MySQL
- Programming Languages: HTML, CSS, JavaScript, PHP, MySQL

CHAPTER 3 TOOLS AND TECHNOLOGIES USED

The Technologies and languages used to develop the website are as follows:

1. IDE

- Sublime Text

Sublime Text is a commercial source code editor. It supports many programming and markup languages. It has enhanced features of using plug-ins, community-built and maintained under free-software licenses.

2. Languages

- HTML/CSS

HTML (Hyper Text Markup Language) is the standard markup language for documents designed to be displayed in web browser. Web browsers receive the HTML documents from a web server or local storage and render the documents into multimedia pages.

CSS or Cascading Style Sheets is used for presentation of a document written in a markup language. It enables the separation of presentation and content. It adds styles such as fonts, colors, spacing to Web Documents

- JavaScript

It is a programming language that has dynamic typing, prototype-based object orientation and first class functions. It has Application Programming Interfaces (APIs) for working with text, dates, regular expressions, standard structures and the document object model. It is used both on client side and server side. It enables web pages to have interactive elements.

- PHP

It is usually processing on a web server. It was originally called Personal Home Page. Now it stands for Hypertext Preprocessing. It is a server scripting language and a powerful tool for making dynamic and interactive web pages. It could be embedded into html, making it easier to add functionality to web pages without needing to call external files for data. The current version is PHP 8.1.

3. Server

- XAMPP

It is a free and open-source cross platform web server solution stack package developed by Apache. XAMPP stands for "XAMPP Apache + MariaDB + PHP + Perl". Since most web server deployments use the same components as XAMPP, it makes transitioning from a local test server to live server possible.

4. Database

- MySQL

MySQL database service is a fully managed database service to deploy cloud native applications. It is an open-source relational database management system. SQL stands for Structured Query Language. It is used to other programs to implement applications that need database capability. It is written in C and C++. Its SQL parser is written in yacc, but it uses home-brewed lexical analyzer.

- phpMyAdmin

PhpMyAdmin is a free software tool written in PHP, intended to handle the administration of MySQL over the Web, phpMyAdmin supports a wide range of operations on MySQL and MariaDB. The frequently used operations such as managing databases, tables, columns, relations, indexes, users, permissions etc. can be performed via the user interface, while you still have the ability to directly execute any SQL statement.

CHAPTER 4 IMPLEMENTATION

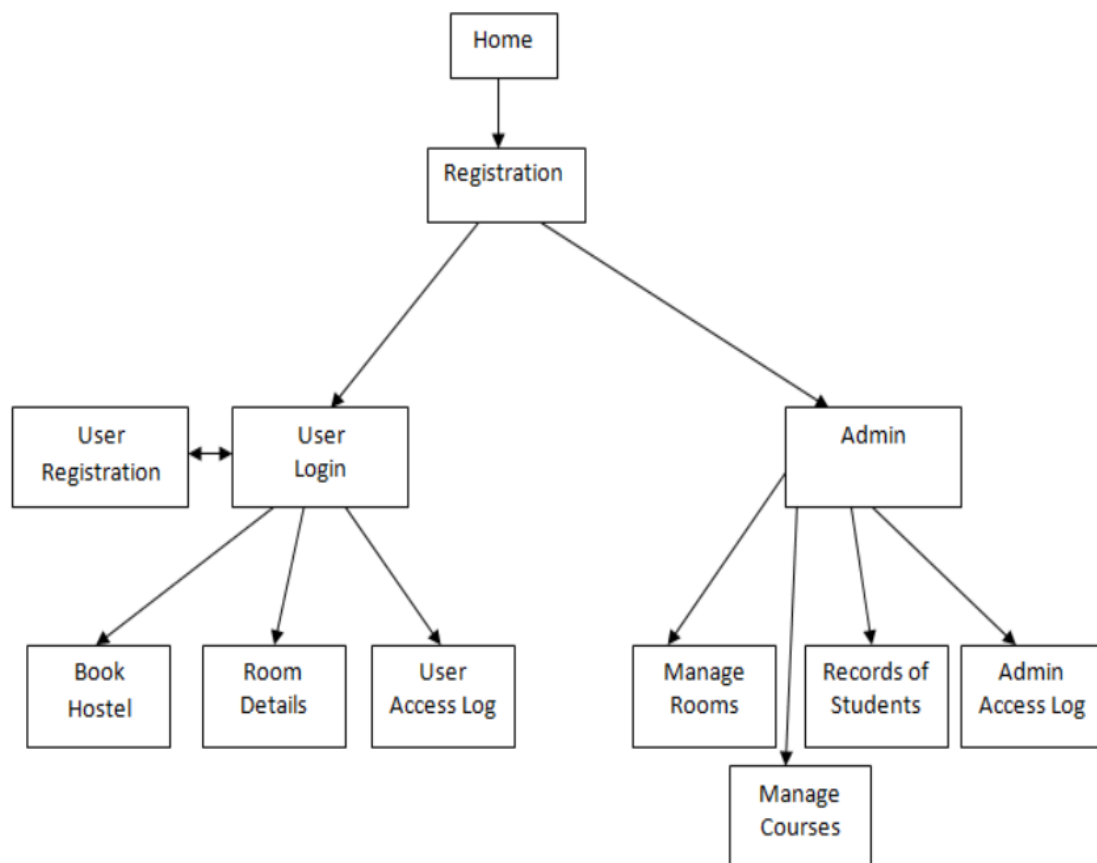
The purpose of the application is to manage the activities during the registration and manage the booking of the rooms, courses.

Basic things that are captured in the database are:

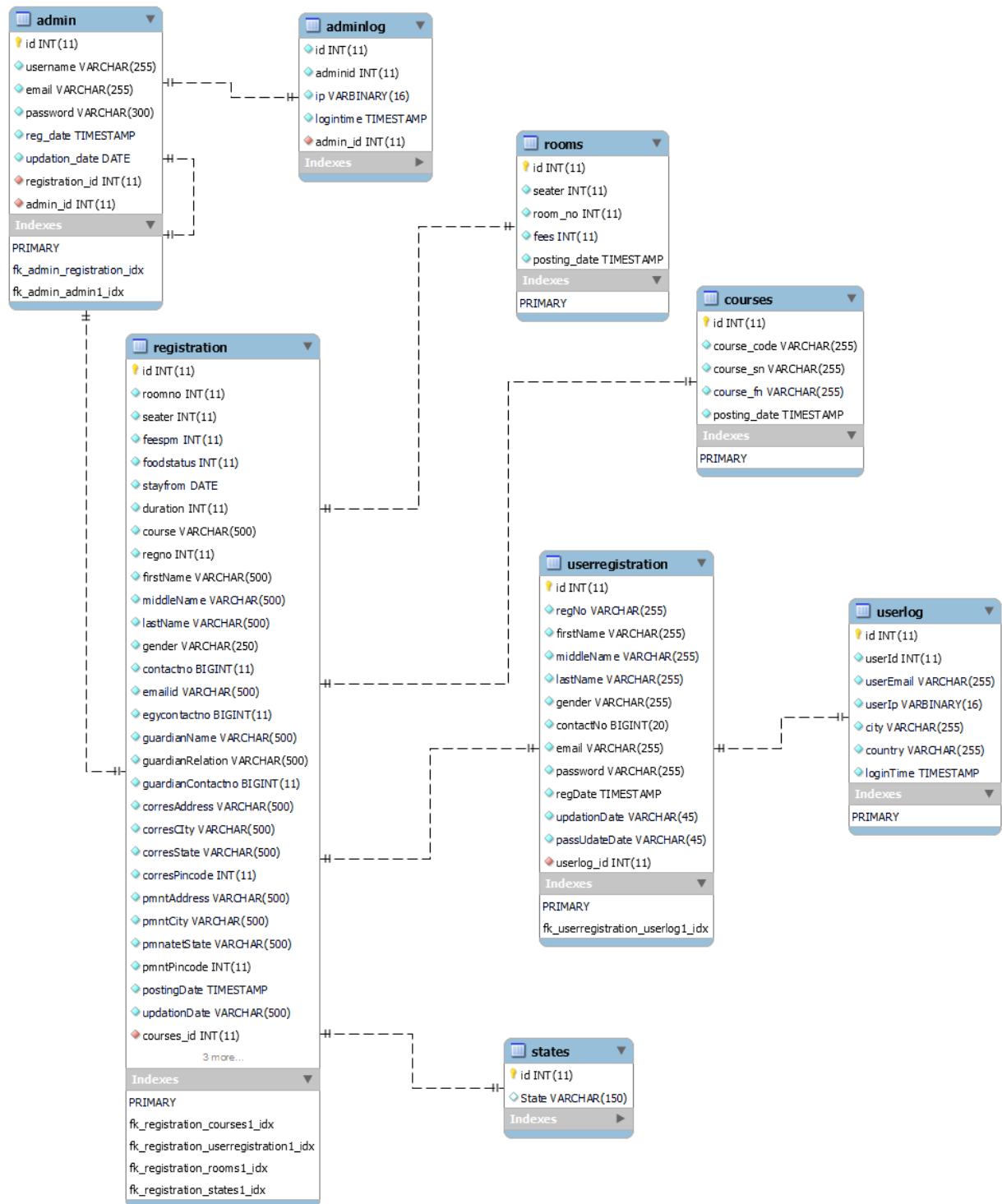
- Student credentials and admin credentials
- Passwords
- Student details that include parents name, address and contact details
- Allotment of rooms
- Managing the courses

4.1 Architecture

The basic architecture is as follows:



4.2 The ER and Schema of the database

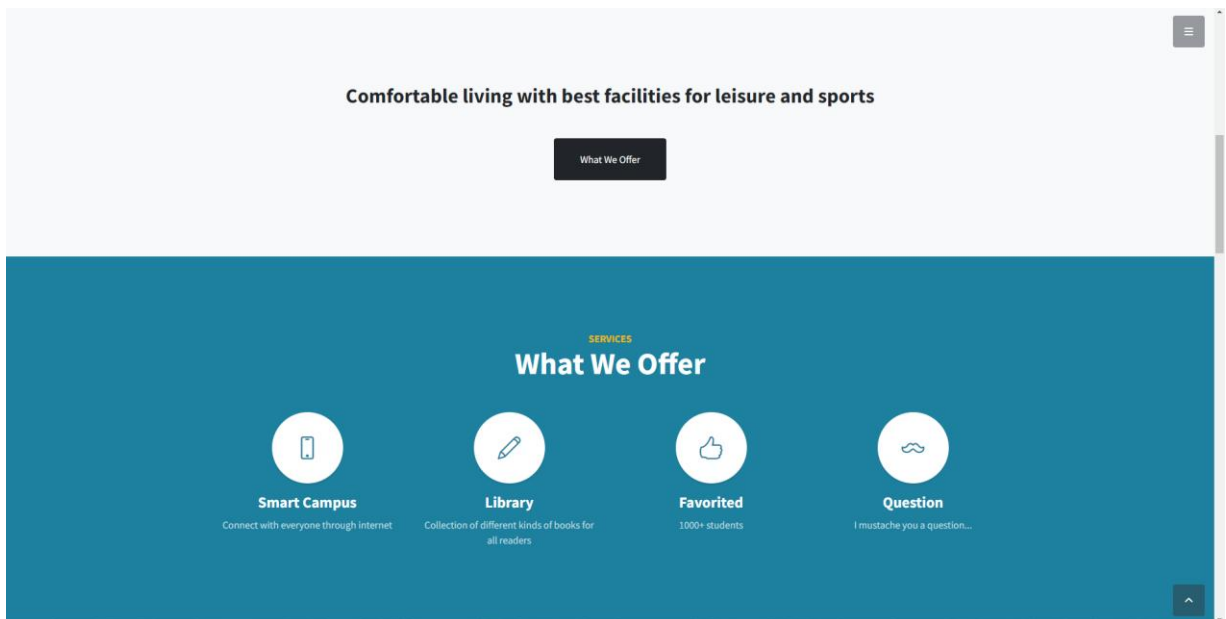


4.3 Working of the Project

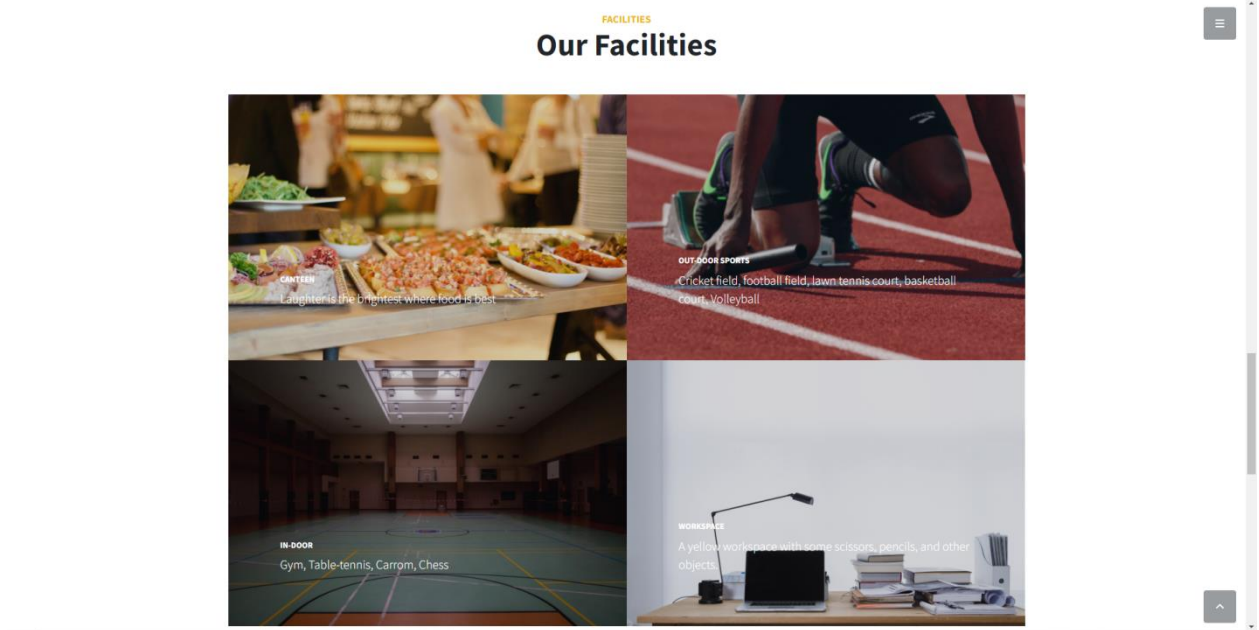
1) Home Page - #home



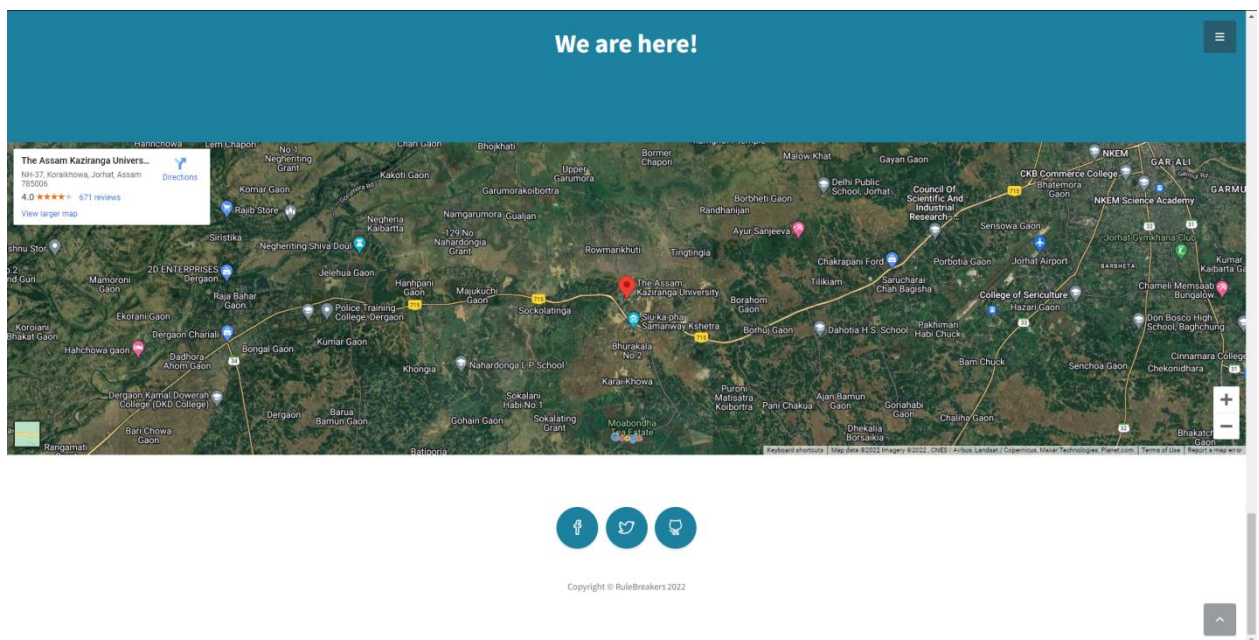
2) Home page - #about us



3) Home page - #services



4) Home page - #contact



5) Home page - #sidebar



6) Form page - #registration of user

KU Residential's

MAIN

- User Registration
- User Login
- Admin Login

Student Registration

FILL ALL INFO

Registration No :

First Name :

Middle Name :

Last Name :

Gender :

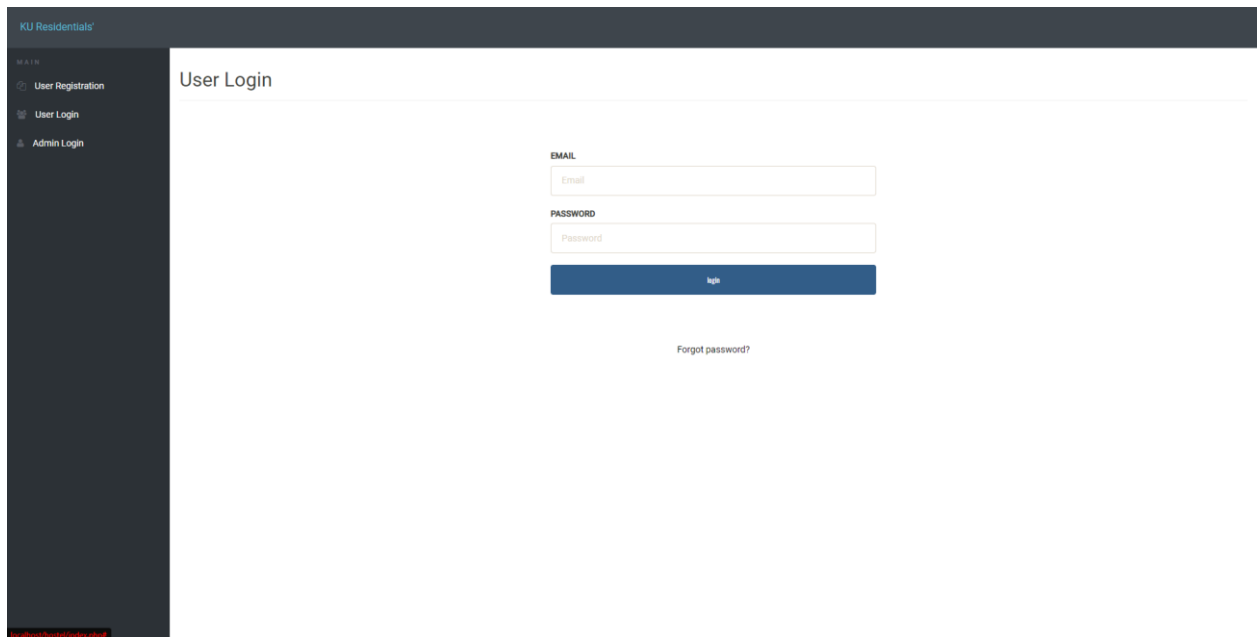
Contact No :

Email Id :

Password :

Confirm Password :

7) Form page - #user login



The image shows a web application interface for 'KU Residentials'. It features a dark sidebar on the left with a 'MAIN' menu containing 'User Registration', 'User Login', and 'Admin Login'. The main content area is titled 'User Login'. It contains a form with two input fields: 'EMAIL' and 'PASSWORD'. Below these fields is a blue 'login' button. A link for 'Forgot password?' is located below the button. The footer of the sidebar contains the text 'KU Residentials' and a small red logo.

KU Residentials

MAIN

- User Registration
- User Login
- Admin Login

User Login

EMAIL

Email

PASSWORD

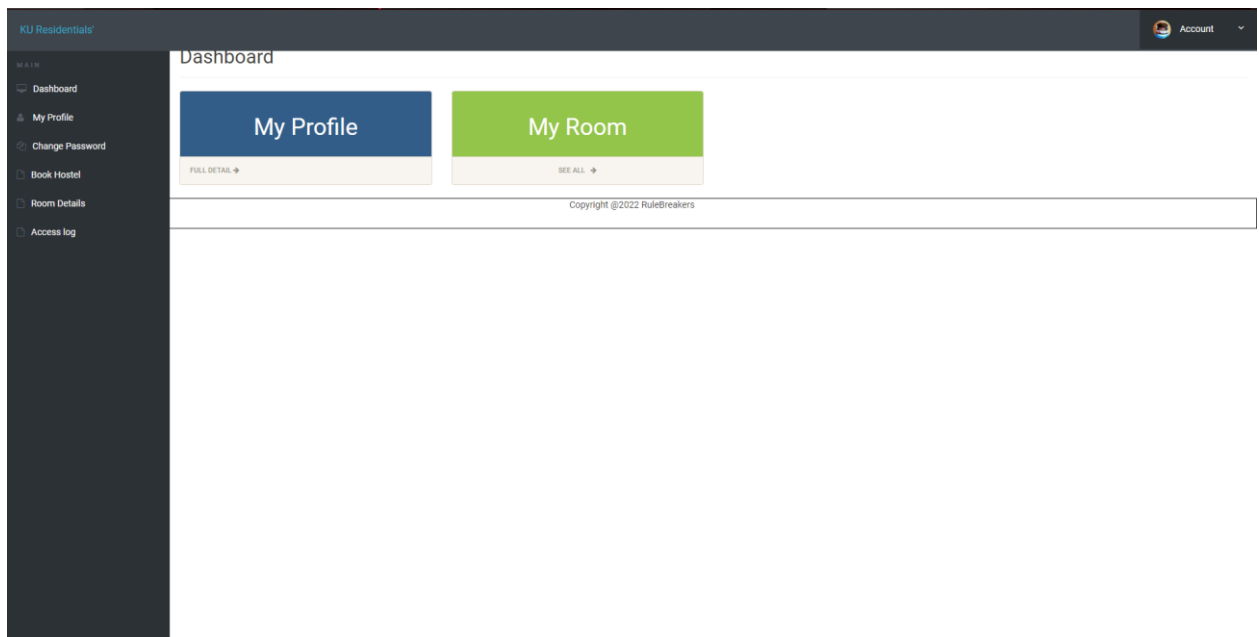
Password

login

Forgot password?

KU Residentials

8) Landing page - #User Account



The image shows a web application interface for 'KU Residentials' displaying a user's account dashboard. The dark sidebar on the left has a 'MAIN' menu with 'Dashboard', 'My Profile', 'Change Password', 'Book Hostel', 'Room Details', and 'Access log'. The main content area is titled 'Dashboard' and features two large buttons: 'My Profile' (blue) and 'My Room' (green). Below the 'My Profile' button is a link 'FULL DETAIL →', and below the 'My Room' button is a link 'SEE ALL →'. The footer of the sidebar contains the text 'KU Residentials' and a small red logo. The top right corner of the dashboard shows a user profile icon and the text 'Account'.

KU Residentials

Account

MAIN

- Dashboard
- My Profile
- Change Password
- Book Hostel
- Room Details
- Access log

Dashboard

My Profile

My Room

FULL DETAIL →

SEE ALL →

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KU Residentials

9) Landing page - #user profile

KU Residentials Account

MAIN

- Dashboard
- My Profile
- Change Password
- Book Hostel
- Room Details
- Access log

Sayanka's Profile

LAST UPDATE DATE: 13-05-2022 08:29:18

Registration No: ET18BTHCS001

First Name: Sayanka

Middle Name: Sikhar

Last Name: Barman

Gender: male

Contact No: 6986511967

Email id: sayanka@gmail.com

Update Profile

10) Page - #Book Hostel

KU Residentials Account

MAIN

- Dashboard
- My Profile
- Change Password
- Book Hostel
- Room Details
- Access log

Registration

FILL ALL INFO

Hostel already booked by you

Room Related Info

Room no. Select Room

Seater

Fees Per Month

Food Status ☒ Without Food ☐ With Food(Rs 2000.00 Per Month Extra)

Stay From dd-yyyy

Duration Select Duration in Month

Total Amount

Personal Info

course Select Course

Registration No: ET18BTHCS001

First Name: Sayanka

11) Page - #Room details

KU Residents

Account

MAIN

Dashboard

My Profile

Change Password

Book Hostel

Room Details

Access log

Rooms Details

ALL ROOM DETAILS

Room Realtd Info

Print Data

Reg no. :2022-05-13 20:13:47

Room no :

100

Seater :

1

Fees PM :

8000

Food Status:

With Food

Stay From :

2022-05-12

Duration:

12 Months

Total Fee : 98000

Personal Info Info

Reg No. :

0

Full Name :

Sayanka SikharBarman

Email :

sayanka@gmail.com

Contact No. :

6986511987

Gender :

male

Course :

Bachelor of Technology

Emergency Contact No. :

56846516

Guardian Name :

Xyz

Guardian Relation :

Uncle

Guardian Contact No.:

569846515

Addresses

Correspondence Address

Assam Guwahati
Guwahati, 782254
Assam

Permanent Address

Assam Guwahati
Guwahati, 74515
Assam

12) #User Access Log details

KU Residents

Account

MAIN

Dashboard

My Profile

Change Password

Book Hostel

Room Details

Access log

Access Log

ALL COURSES DETAILS

Show 10 entries

Search:

Sno.	User Id	User Email	IP	City	Country	Login Time
1	22	sayanka@gmail.com	:1			2022-05-13 20:09:10
2	22	sayanka@gmail.com	:1			2022-05-13 20:09:11
3	22	sayanka@gmail.com	:1			2022-05-13 20:11:22
4	22	sayanka@gmail.com	:1			2022-05-13 20:25:47
5	22	sayanka@gmail.com	:1			2022-05-13 20:32:37
Sno.	User Id	User Email	IP	City	Country	Login Time

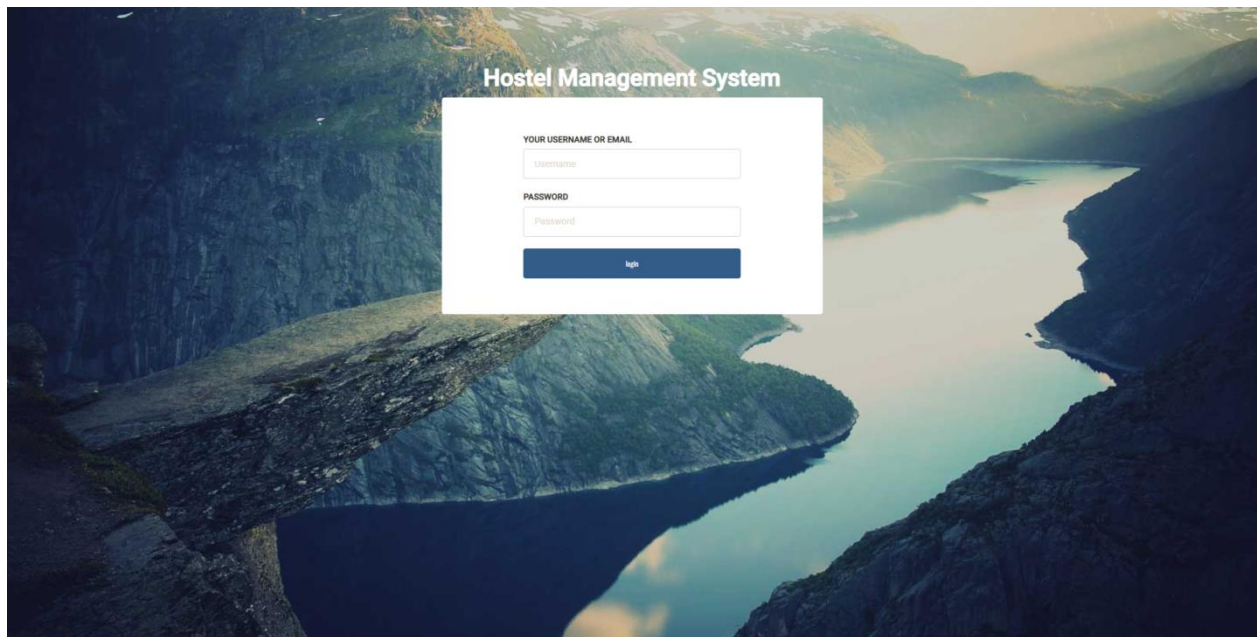
Showing 1 to 5 of 5 entries

PREVIOUS

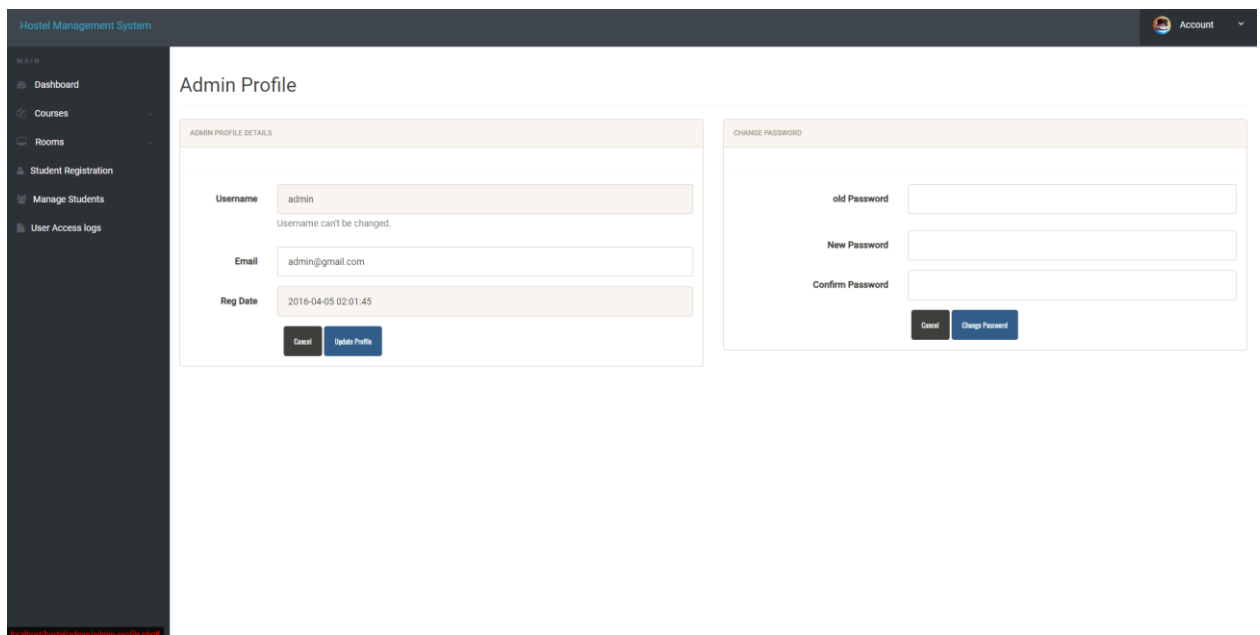
1

NEXT

13) #Admin Login Page



14) #Admin Profile page



15) #Manage Students page

MAIN
Dashboard
Courses
Rooms
Student Registration
Manage Students
User Access logs

manage rooms

ALL ROOM DETAILS
Show 10 entries
Search:

Sno.	Student Name	Reg no	Contact no	room no	Seater	Staying From	Action
1	Sayanka SikharBarman	0	6986511987	100	1	2022-05-12	✎ ✕
2	UditKashyapBarman	0	68468979	201	1	2022-05-14	✎ ✕
3	RohitKumarSingh	0	6849861684	100	5	2022-05-29	✎ ✕
4	ArpitaMainaGogoi	0	498465175	320	1	2022-05-29	✎ ✕
Sno.	Student Name	Reg no	Contact no	Room no	Seater	Staying From	Action

Showing 1 to 4 of 4 entries
PREVIOUS 1 NEXT

16) #Manage Courses

MAIN
Dashboard
Courses
Rooms
Student Registration
Manage Students
User Access logs

manage course

ALL COURSES DETAILS
Show 10 entries
Search:

Sno.	Course Code	Course Name(Short)	Course Name(Full)	Reg Date	Action
1	B10992	B.Tech	Bachelor of Technology	2016-04-12 01:01:42	✎ ✕
2	BCOM1453	B.Com	Bachelor Of commerce	2016-04-12 01:02:46	✎ ✕
3	BSC12	BSC	Bachelor of Science	2016-04-12 01:03:23	✎ ✕
4	BC36356	BCA	Bachelor Of Computer Application	2016-04-12 01:04:18	✎ ✕
5	MCA565	MCA	Master of Computer Application	2016-04-12 01:04:40	✎ ✕
6	MBA75	MBA	Master of Business Administration	2016-04-12 01:04:59	✎ ✕
7	BE765	BE	Bachelor of Engineering	2016-04-12 01:05:19	✎ ✕
Sl No	Course Code	Course Name(Short)	Course Name(Full)	Regd Date	Action

Showing 1 to 7 of 7 entries
PREVIOUS 1 NEXT

17) #Admin Access log details

17.0.10

- Dashboard
- Courses
- Rooms
- Student Registration
- Manage Students
- User Access logs

localhost/portal/admin/access-log.php

Access Log

ALL COURSES DETAILS

Show entries Search:

Sno.	User Id	User Email	IP	City	Country	Login Time
1	10	test@gmail.com				2016-06-22 11:46:42
2	10	test@gmail.com				2016-06-24 16:50:28
3	10	test@gmail.com	1			2016-06-24 16:52:47
4	10	test@gmail.com	1			2016-06-26 21:07:40
5	20	Benjamin@gmail.com	1			2016-06-26 22:10:57
6	10	test@gmail.com	1			2022-04-18 23:58:21
7	21	testemail@gmail.com	1			2022-05-07 23:59:38
8	21	testemail@gmail.com	1			2022-05-08 00:15:18
9	21	testemail@gmail.com	1			2022-05-12 22:11:47
10	21	testemail@gmail.com	1			2022-05-12 23:30:25

Showing 1 to 10 of 25 entries

[PREVIOUS](#)
[1](#)
[2](#)
[3](#)
[NEXT](#)

4.4 Databases Screenshots

1) Databases

<input type="checkbox"/>	admin	★							1	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/>	adminlog	★							0	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/>	courses	★							7	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/>	registration	★							4	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/>	rooms	★							5	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/>	states	★							36	MyISAM	latin1_swedish_ci	2.8 KiB	-
<input type="checkbox"/>	userlog	★							5	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/>	userregistration	★							3	InnoDB	latin1_swedish_ci	16.0 KiB	-
8 tables		★	Sum						61	InnoDB	utf8mb4_general_ci	114.8 KiB	0 B

2) Admin

✓ Showing rows 0 - 0 (1 total, Query took 0.0008 seconds.)

```
SELECT * FROM `admin`
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all | Number of rows: 25 ▼ Filter rows:

+ Options

	id	username	email	password	reg_date	update_date
<input type="checkbox"/> Edit Copy Delete	1	admin	admin@gmail.com	Test@1234	2022-04-29 02:01:45	2022-05-07

↑ ☐ Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

☐ Show all | Number of rows: 25 ▼ Filter rows:

3) Courses Database

✓ Showing rows 0 - 6 (7 total, Query took 0.0007 seconds.)

```
SELECT * FROM `courses`
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all | Number of rows: 25 ▼ Filter rows: Sort by key: None ▼

+ Options

	id	course_code	course_sn	course_fn	posting_date
<input type="checkbox"/> Edit Copy Delete	1	B10992	B.Tech	Bachelor of Technology	2016-04-12 01:01:42
<input type="checkbox"/> Edit Copy Delete	2	BCOM1453	B.Com	Bachelor Of commerce	2016-04-12 01:02:46
<input type="checkbox"/> Edit Copy Delete	3	BSC12	BSC	Bachelor of Science	2016-04-12 01:03:23
<input type="checkbox"/> Edit Copy Delete	4	BC36356	BCA	Bachelor Of Computer Application	2016-04-12 01:04:18
<input type="checkbox"/> Edit Copy Delete	5	MCA565	MCA	Master of Computer Application	2016-04-12 01:04:40
<input type="checkbox"/> Edit Copy Delete	6	MBA75	MBA	Master of Business Administration	2016-04-12 01:04:59
<input type="checkbox"/> Edit Copy Delete	7	BE765	BE	Bachelor of Engineering	2016-04-12 01:05:19

↑ ☐ Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

6) Names of states Database

Showing rows 0 - 24 (36 total, Query took 0.0182 seconds.)

```
SELECT * FROM `states`
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

1 > >> ☐ Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	id	State
<input type="checkbox"/> Edit Copy Delete	1	Andaman and Nicobar Island (UT)
<input type="checkbox"/> Edit Copy Delete	2	Andhra Pradesh
<input type="checkbox"/> Edit Copy Delete	3	Arunachal Pradesh
<input type="checkbox"/> Edit Copy Delete	4	Assam
<input type="checkbox"/> Edit Copy Delete	5	Bihar
<input type="checkbox"/> Edit Copy Delete	6	Chandigarh (UT)
<input type="checkbox"/> Edit Copy Delete	7	Chhattisgarh
<input type="checkbox"/> Edit Copy Delete	8	Dadra and Nagar Haveli (UT)
<input type="checkbox"/> Edit Copy Delete	9	Daman and Diu (UT)
<input type="checkbox"/> Edit Copy Delete	10	Delhi (NCT)
<input type="checkbox"/> Edit Copy Delete	11	Goa
<input type="checkbox"/> Edit Copy Delete	12	Gujarat
<input type="checkbox"/> Edit Copy Delete	13	Haryana
<input type="checkbox"/> Edit Copy Delete	14	Himachal Pradesh
<input type="checkbox"/> Edit Copy Delete	15	Jammu and Kashmir
<input type="checkbox"/> Edit Copy Delete	16	Jharkhand
<input type="checkbox"/> Edit Copy Delete	17	Karnataka
<input type="checkbox"/> Edit Copy Delete	18	Kerala
<input type="checkbox"/> Edit Copy Delete	19	Lakshadweep (UT)
<input type="checkbox"/> Edit Copy Delete	20	Madhya Pradesh
<input type="checkbox"/> Edit Copy Delete	21	Maharashtra
<input type="checkbox"/> Edit Copy Delete	22	Manipur
<input type="checkbox"/> Edit Copy Delete	23	Mizoram
<input type="checkbox"/> Edit Copy Delete	24	Nagaland
<input type="checkbox"/> Edit Copy Delete	25	Narayani
<input type="checkbox"/> Edit Copy Delete	26	Narayani
<input type="checkbox"/> Edit Copy Delete	27	Narayani
<input type="checkbox"/> Edit Copy Delete	28	Narayani
<input type="checkbox"/> Edit Copy Delete	29	Narayani
<input type="checkbox"/> Edit Copy Delete	30	Narayani
<input type="checkbox"/> Edit Copy Delete	31	Narayani
<input type="checkbox"/> Edit Copy Delete	32	Narayani
<input type="checkbox"/> Edit Copy Delete	33	Narayani
<input type="checkbox"/> Edit Copy Delete	34	Narayani
<input type="checkbox"/> Edit Copy Delete	35	Narayani
<input type="checkbox"/> Edit Copy Delete	36	Narayani

7) Database of User logs

Showing rows 0 - 4 (5 total, Query took 0.0008 seconds.)

```
SELECT * FROM `userlog`
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	id	userId	userEmail	userIp	city	country	loginTime
<input type="checkbox"/> Edit Copy Delete	1	10	sayanka@gmail.com				2022-05-11 11:46:42
<input type="checkbox"/> Edit Copy Delete	2	10	rohit@gmail.com				2022-05-09 16:50:28
<input type="checkbox"/> Edit Copy Delete	4	10	arpita@gmail.com	::1			2022-05-11 16:52:47
<input type="checkbox"/> Edit Copy Delete	5	10	test@gmail.com	::1			2016-06-26 21:07:40
<input type="checkbox"/> Edit Copy Delete	6	20	udit@gmail.com	::1			2016-06-26 22:10:57

☐ Check all With selected: Edit Copy Delete Export

8) User Registration Database

Showing rows 0 - 2 (3 total. Query took 0.0010 seconds.)

SELECT * FROM `userregistration`

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: | Sort by key: None

+ Options

				id	regNo	firstName	middleName	lastName	gender	contactNo	email	password	regDate	updateDate	passUpdateDate
<input type="checkbox"/>	Edit	Copy	Delete	10	108061211	Sayanka	Sikhar	Barman	male	684651	Sayanka@gmail.com	1234	2022-04-30 09:51:33	23-04-2022 11:04:15	22-04-2022 05:16:49
<input type="checkbox"/>	Edit	Copy	Delete	19	102355	Udit	Kashyap	Barman	male	6786786786	udit@gmail.com	6786786786	2022-05-12 22:03:36	23-04-2022 11:04:15	22-04-2022 05:16:49
<input type="checkbox"/>	Edit	Copy	Delete	20	586952	Rohit	Kumar	Singh	male	8596185625	rohit@gmail.com	8596185625	2022-05-12 22:10:07	23-04-2022 11:04:15	22-04-2022 05:16:49

[↑](#) ☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

Chapter 5 Setup Instructions

5.1 Sublime Text

Firstly, we will open chrome and search for Sublime text that will act as an IDE for developing our project. There are Popular IDEs such as VS Code, ATOM, Net Beans, etc. We have selected Sublime text because it is small in size and can be easily installed.

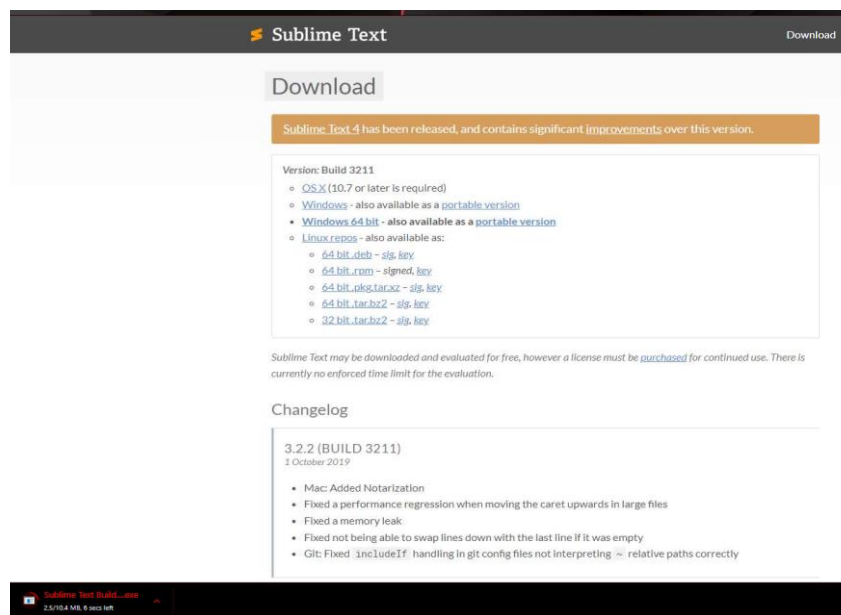
1. System Requirements:

- Sublime text is available for Windows and Linux distributions.
- As we are using Windows, we will opt for windows versions
- It also offers Windows 64-bit version.
- Version: Build 3211

We can now proceed to download and install process.

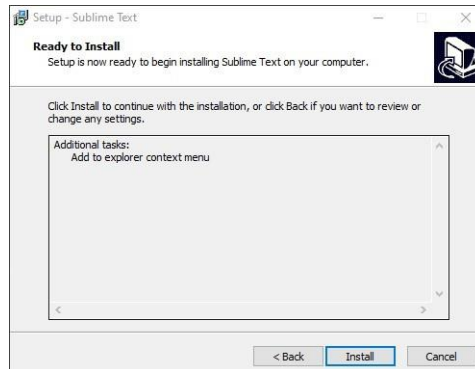
2. Download

Click on the Windows 64-bit. The installer file will be downloaded.



3. Install

Open the installer file and click on install. Sublime text will get installed.



4. Open Sublime Text from start menu.

5.2 XAMPP

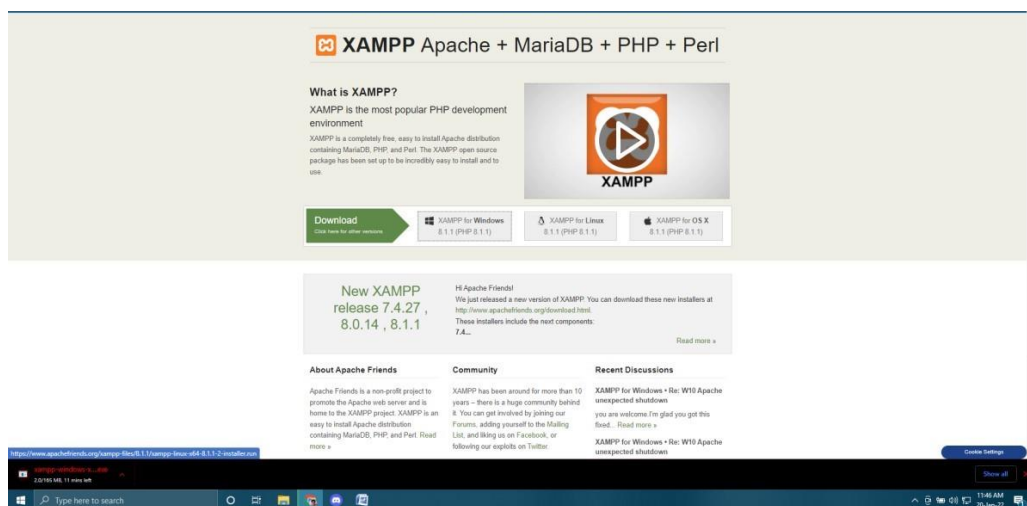
XAMPP is the most popular PHP development environment

1. System Requirements

XAMPP is available for Windows, Linux, and OS X

2. Download

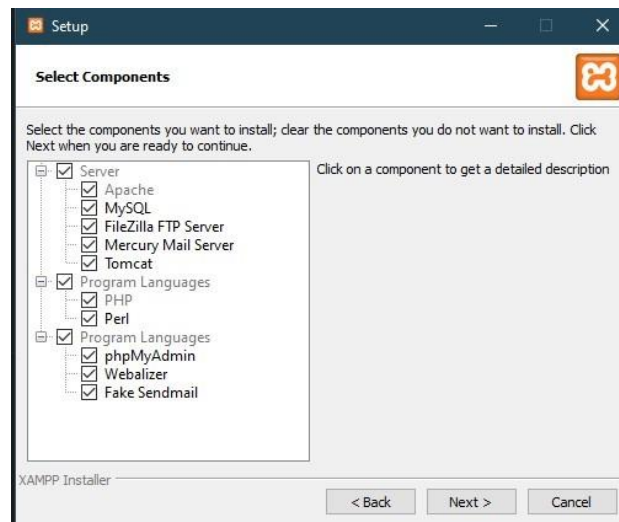
Click on [XAMPP for Windows 8.1.1 \(PHP 8.1.1\)](#)



3. Install

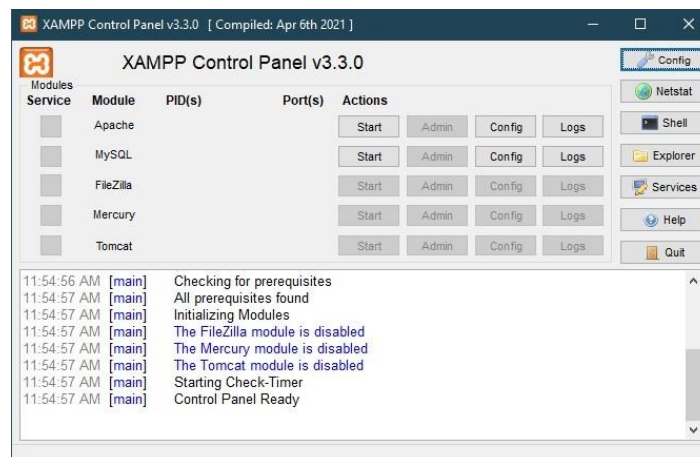
Open the installer file and Install XAMPP.

We select all the packages as most of them will be used during project development.
Click on next and then install XAMPP.



4. Open

- Open XAMPP control panel
- A panel will pop up which will have options to start local server.



We need to start Apache and MySQL servers for initializing PHP and MySQL environment.

5.3 phpMyAdmin

It has an intuitive web interface with the support for most SQL features.

1. System Requirements

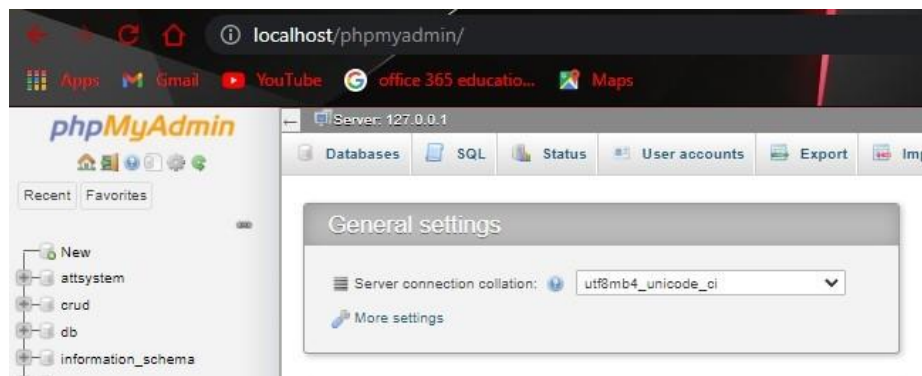
- a) A web Server of any kind
- b) MySQL or MariaDB 5.5 or newer
- c) Browser that supports JavaScript, cookies, and Bootstrap 4.5
- d) PHP 7.2.5 or newer
- e) JSON support, hash, ctype, SPL extensions

2. Download

- a) Go to [phpMyAdmin.net](https://www.phpmyadmin.net)
- b) Click on Download 5.1.1
- c) Extract the downloaded zip file.

3. Open

- a) To open phpMyAdmin we need to open browser first
- b) Then in the address bar type: localhost/phpMyAdmin
- c) The phpMyAdmin server will open in the browser.



The phpMyAdmin has inbuilt packages for PHP and MySQL so we do not have to install them separately.

Chapter 6 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.

Using the web decreases the usage of physical resources such as paper, human resource etc. It becomes simpler to store records for longer period of time and easy to access.

References

1. Sublime text:

- a. <https://www.sublimetext.com/>
- b. https://en.wikipedia.org/wiki/Sublime_Text

2. XAMPP

- a. <https://www.apachefriends.org/index.html>
- b. <https://en.wikipedia.org/wiki/XAMPP>

3. phpMyAdmin

- a. <https://www.phpmyadmin.net/>
- b. <https://www.phpmyadmin.net/downloads/>

4. Others

- a. <https://en.wikipedia.org/wiki/HTML>
- b. <https://www.w3.org/Style/CSS/Overview.en.html>
- c. <https://en.wikipedia.org/wiki/CSS>
- d. <https://en.wikipedia.org/wiki/JavaScript>
- e. <https://www.w3schools.com/js/>