

WP2 MINI PROJECT REPORT

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Batch: B2

Topic: Hostel Management

-Tools and Equipments

- a. Php
- b. Xampp
- c. Mysql
- d. HTML
- e. Bootstrap
- f. VS Code
- g. Java Script
- h. CSS

PHP - Hypertext Preprocessor (or simply PHP) is a server-side scripting language designed for Web development, but also used as a general-purpose programming language. It was originally created by Rasmus Lerdorf in 1994,] the PHP reference implementation is now produced by The PHP Group. PHP originally stood for Personal Home Page,] but it now stands for the recursive acronym PHP: Hypertext Preprocessor.

PHP code may be embedded into HTML code, or it can be used in combination with various web template systems, web content management systems, and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in the web server or as a Common Gateway Interface (CGI) executable. The web server combines the results of the interpreted and executed PHP code, which may be any type of data, including images, with the generated web page. PHP code may also be executed with a command-line interface (CLI) and can be used to implement standalone graphical applications. 5

XAMPP - XAMPP is a free and open source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for

scripts written in the PHP and Perl programming languages. XAMPP stands for Cross-Platform (X), Apache (A), MariaDB (M), PHP (P) and Perl (P). It is a simple, lightweight Apache distribution that makes it extremely easy for developers to create a local web server for testing and deployment purposes. Everything needed to set up a web server – server application (Apache), database (MariaDB), and scripting language (PHP) – is included in an extractable file. XAMPP is also cross-platform, which means it works equally well on Linux, Mac and Windows. Since most actual web server deployments use the same

components as XAMPP, it makes transitioning from a local test server to a live server extremely easy as well.

MySQL - MySQL Workbench is a unified visual tool for database architects, developers, and DBAs. MySQL Workbench provides data modeling, SQL development, and comprehensive administration tools for server configuration, user administration, backup, and much more. MySQL Workbench is available on Windows, Linux and Mac OS X.

HTML - Hypertext Markup Language (HTML) is the standard markup language for creating web pages and web applications. With Cascading Style Sheets (CSS) and JavaScript, it forms a triad of cornerstone technologies for the World Wide Web.

Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

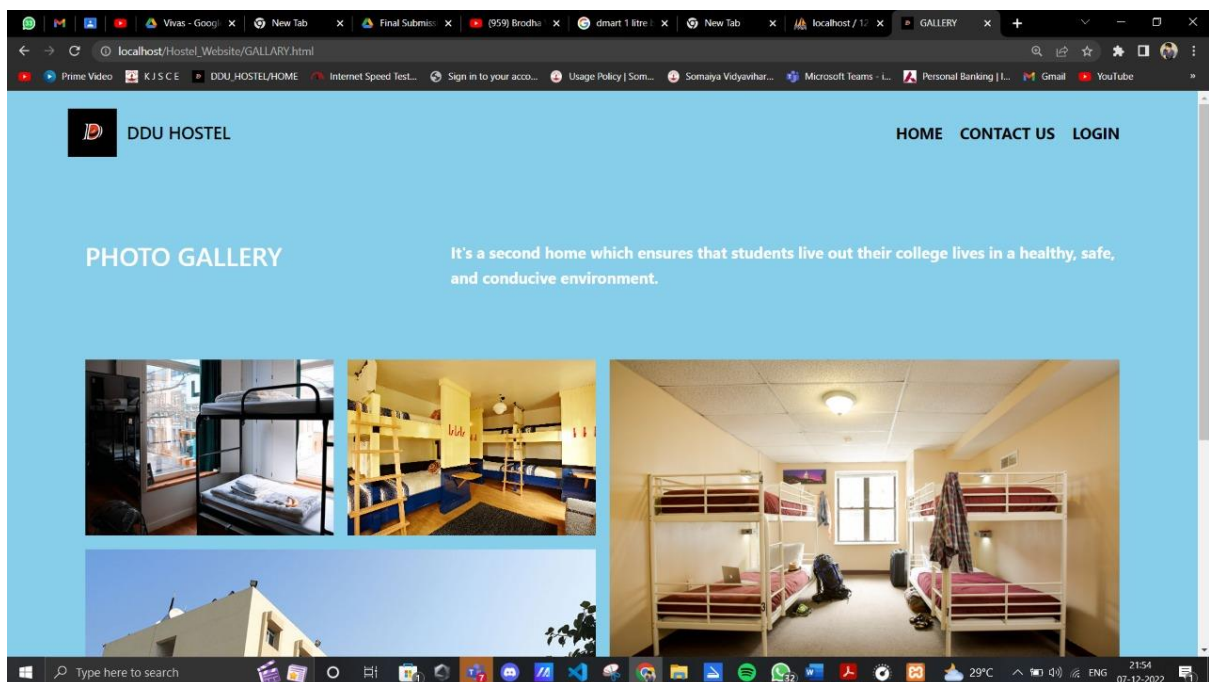
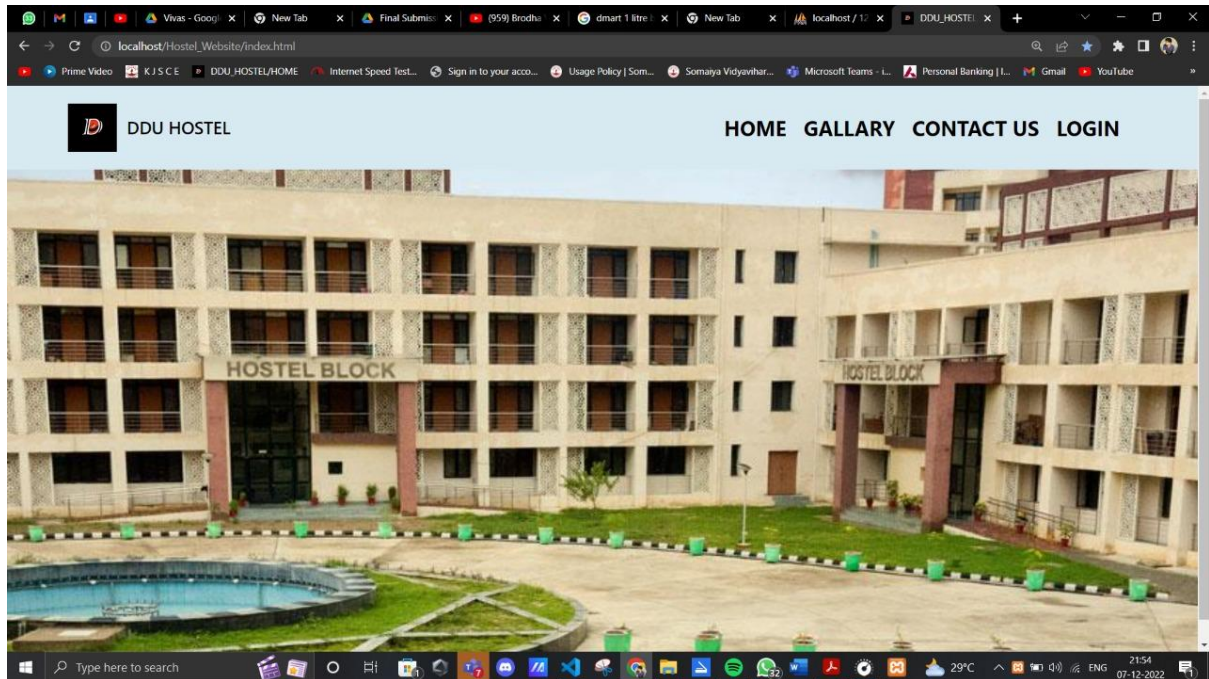
HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items.

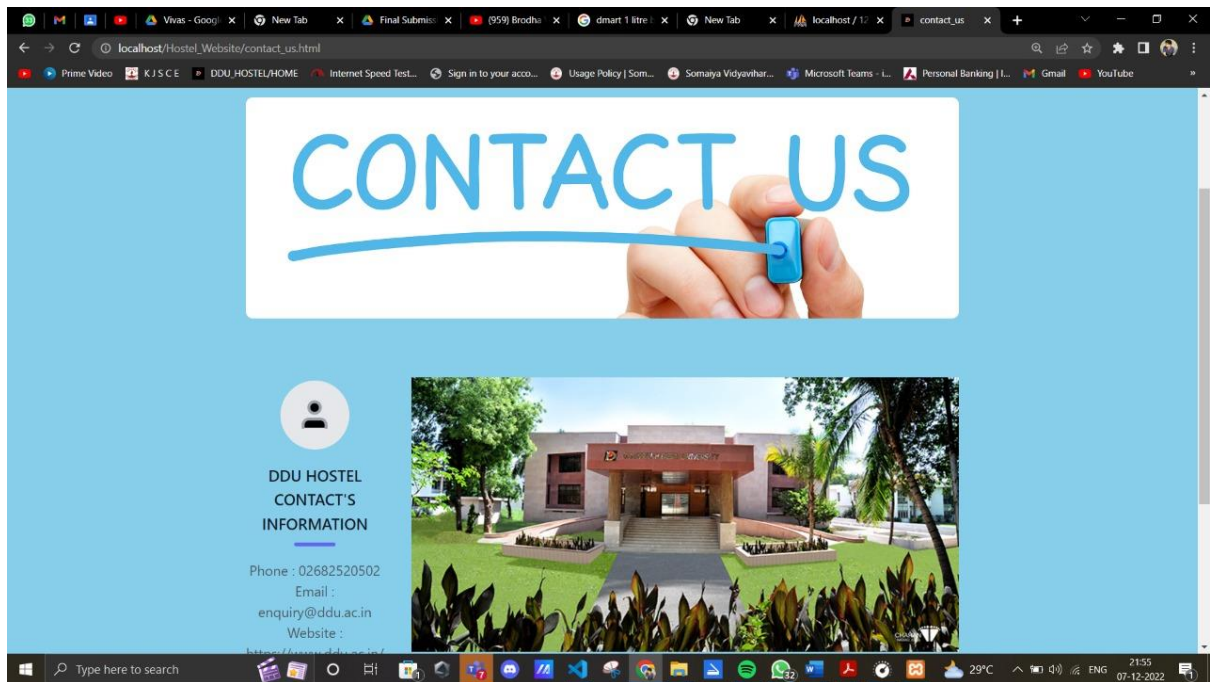
CSS - Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate css file, and reduce complexity and repetition in the structural content.

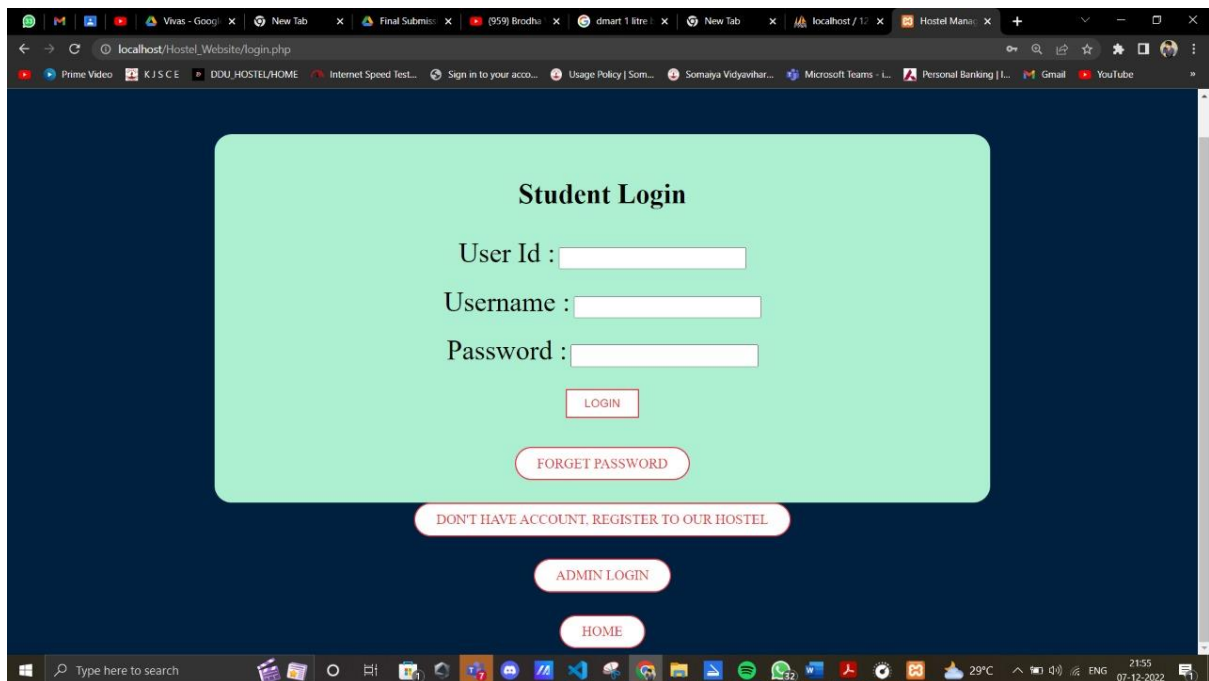
Screen shots of Website and Database:

Home page





Student Login Page



A screenshot of a web browser displaying the 'Student Login' page. The page has a dark blue background with a light green rectangular form in the center. The form contains the title 'Student Login' and three input fields for 'User Id', 'Username', and 'Password'. Below these fields are three buttons: 'LOGIN', 'FORGET PASSWORD', and 'ADMIN LOGIN'. At the bottom of the form is a link that says 'DON'T HAVE ACCOUNT, REGISTER TO OUR HOSTEL'. Below the form is a 'HOME' button. The browser's address bar shows 'localhost/Hostel_Website/login.php'. The Windows taskbar at the bottom shows various icons and the system clock indicating 21:55 on 07-12-2022.

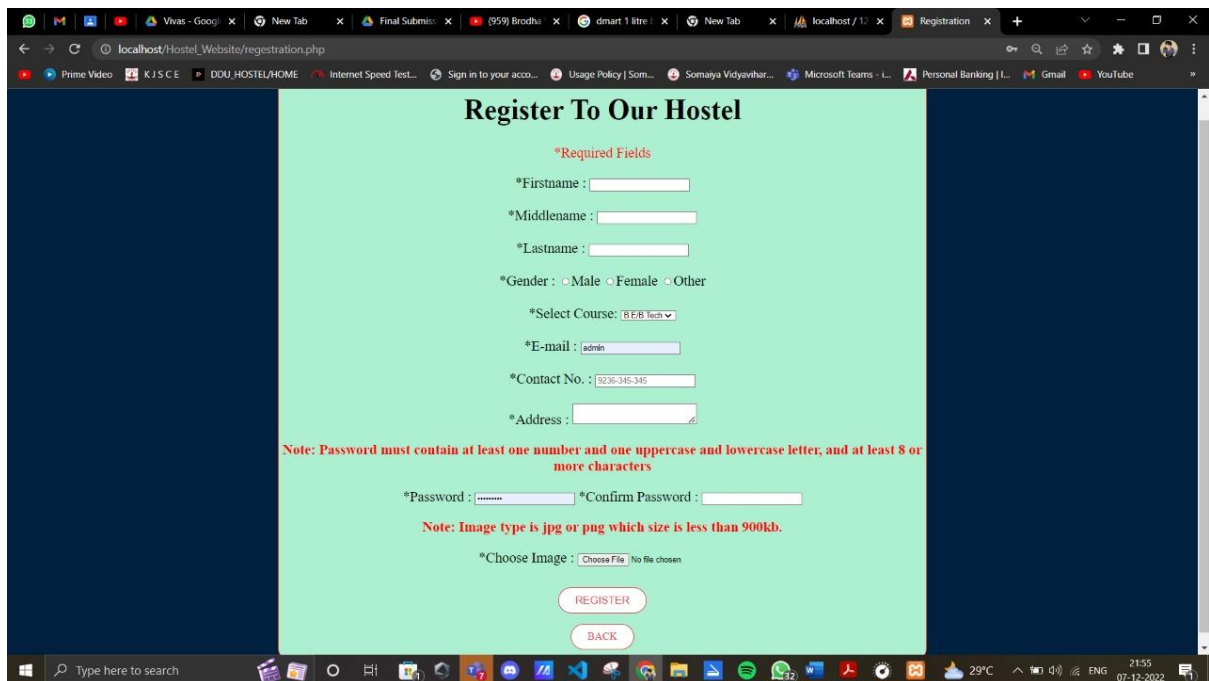
Student Login

User Id :

Username :

Password :

[DON'T HAVE ACCOUNT, REGISTER TO OUR HOSTEL](#)



A screenshot of a web browser displaying the 'Register To Our Hostel' page. The page has a dark blue background with a light green rectangular form in the center. The form contains the title 'Register To Our Hostel' and several input fields for registration details: 'Firstname', 'Middlename', 'Lastname', 'Gender' (with radio buttons for Male, Female, and Other), 'Select Course' (a dropdown menu), 'E-mail', 'Contact No.', and 'Address'. Below these fields is a note about password requirements: 'Note: Password must contain at least one number and one uppercase and lowercase letter; and at least 8 or more characters'. This is followed by 'Password' and 'Confirm Password' input fields. Another note states: 'Note: Image type is jpg or png which size is less than 900kb.' Below this is an 'Choose Image' field with a 'Choose File' button. At the bottom of the form are two buttons: 'REGISTER' and 'BACK'. The browser's address bar shows 'localhost/Hostel_Website/registration.php'. The Windows taskbar at the bottom shows various icons and the system clock indicating 21:55 on 07-12-2022.

Register To Our Hostel

***Required Fields**

*Firstname :

*Middlename :

*Lastname :

*Gender : ☐ Male ☐ Female ☐ Other

*Select Course :

*E-mail :

*Contact No. :

*Address :

Note: Password must contain at least one number and one uppercase and lowercase letter; and at least 8 or more characters

*Password :

*Confirm Password :

Note: Image type is jpg or png which size is less than 900kb.

*Choose Image : No file chosen

Student Registration Page form validation

localhost/Hostel_Website/registration.php

Register To Our Hostel

***Required Fields**

*Firstname :

*Middlename :

*Lastname :

*Gender : ☒ Male ☐ Female ☐ Other

*Select Course:

*E-mail :

*Contact No. :

*Address :

Note: Password must contain at least one number and one uppercase and lowercase letter, and at least 8 or more characters

*Password : *Confirm Password :

Note: Image type is jpg Please match the requested format.
Must contain at least one number and one uppercase and lowercase letter, and at least 8 or more characters

*Choose Image :

localhost/Hostel_Website/registration.php

Register To Our Hostel

***Required Fields**

*Firstname :

*Middlename :

*Lastname :

*Gender : ☒ Male ☐ Female ☐ Other

*Select Course:

*E-mail :

*Contact No. :

*Address :

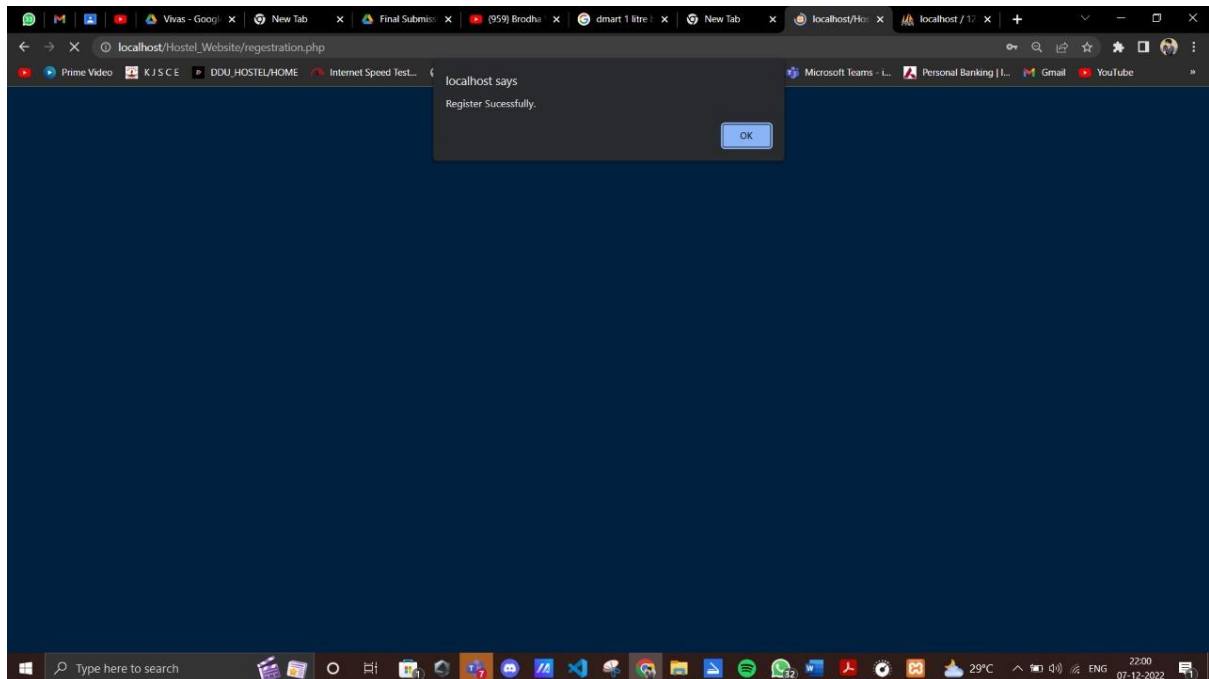
Note: Password must contain at least one number and one uppercase and lowercase letter, and at least 8 or more characters

*Password : *Confirm Password :

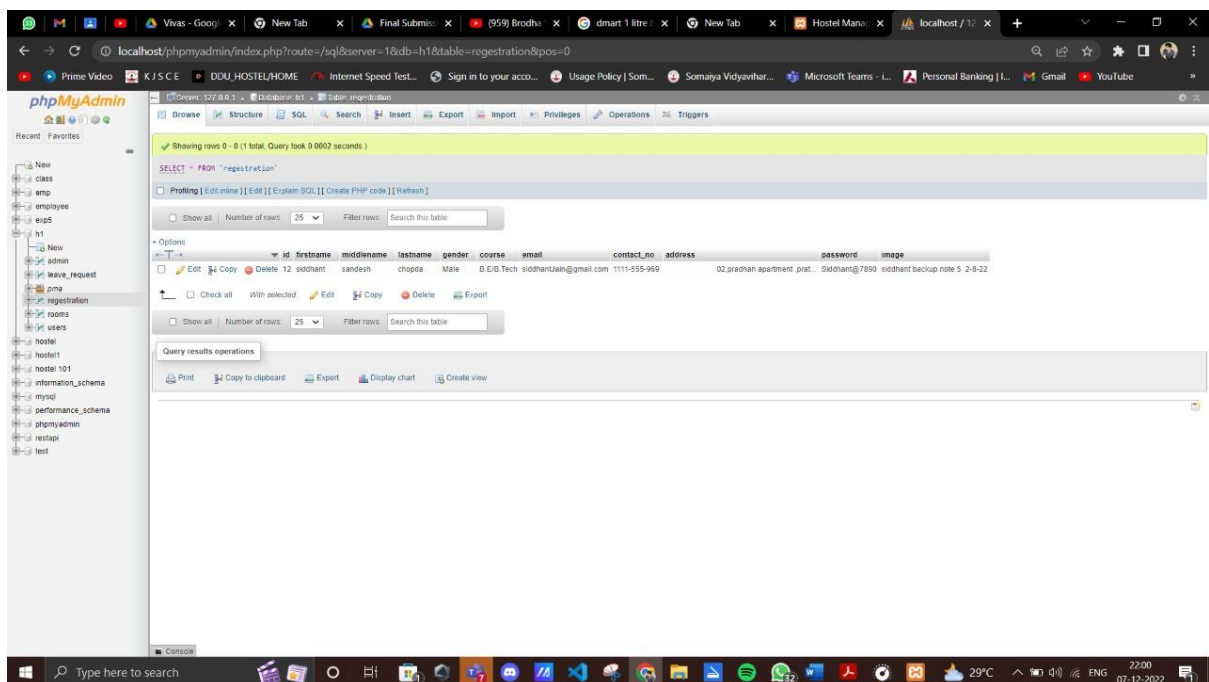
Note: Image type is jpg or png which size is less than 900kb.

*Choose Image :

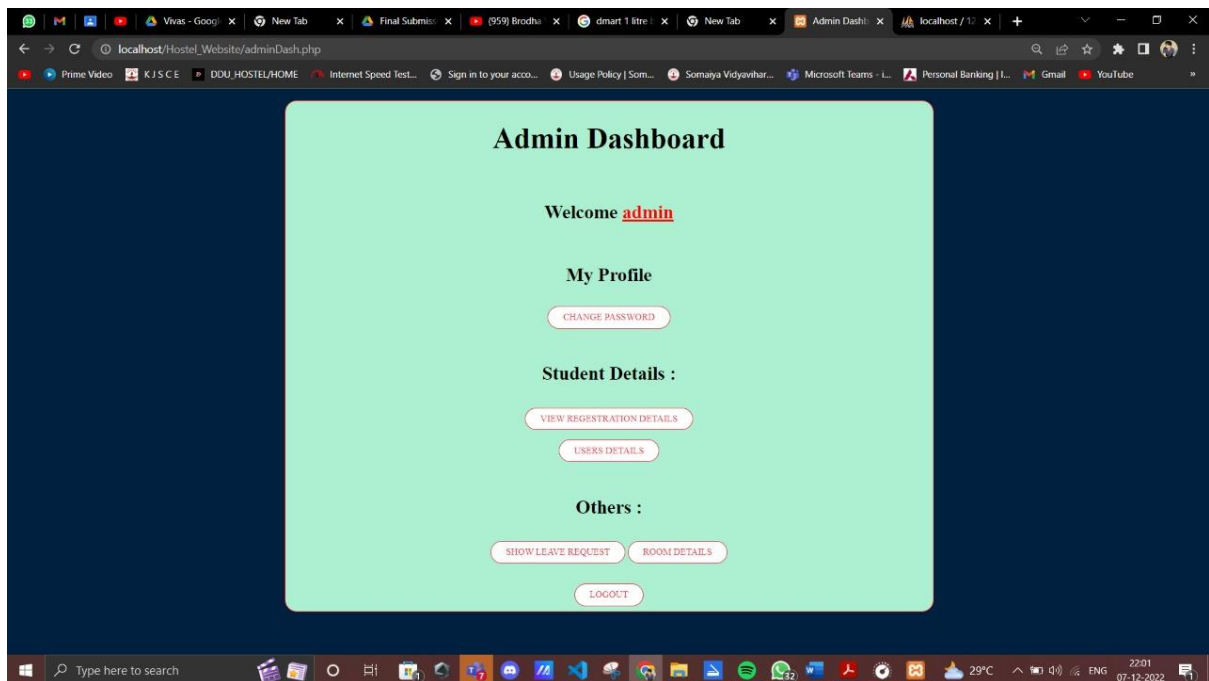
Form validation acknowledgement



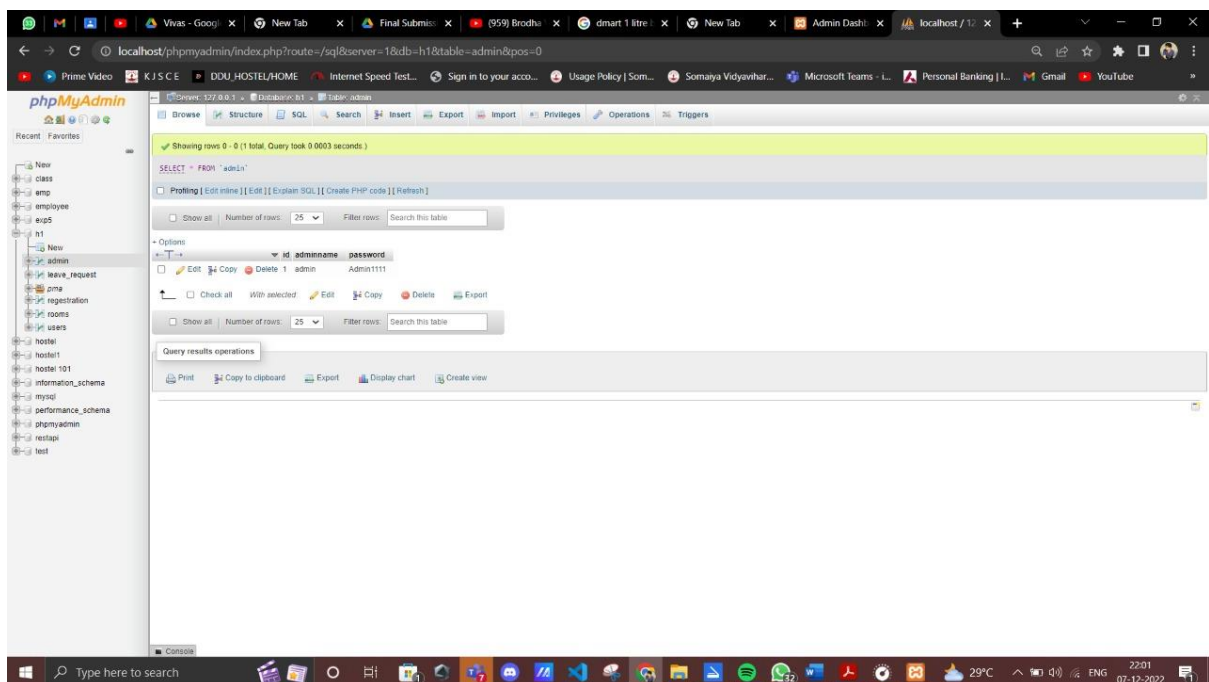
Entry in the database



Admin page




Database entry of admin



Admin can view all the data, it can update or delete the user entries.

Users Details

Search name here Search

| Sr no. | Image | User ID | First Name | Middle Name | Last Name | Gender | Course | Email | Contact No. | address | Room No. | Admission Date | Duration | Paid Fees | Total Fees | Actions |
|--------|-----------------------------------------------------------------------------------|---------|------------|-------------|-----------|--------|------------|---------------------------|--------------|--------------------------------------------------------------------|----------|----------------|----------|-----------|------------|--------------------------------------------------|
| 1 | User image | 0 | jasmin | h | dhedhi | Male | B.E.B.Tech | jasmin.dhedhi@somaiya.edu | 1111-222-333 | mumbai | 101 | 05-12-2022 | 3 month | 10 | 100 | UPDATE DELETE |
| 2 |  | 2 | siddhant | sandesh | chopda | Male | B.E.B.Tech | siddhantchopda@gmail.com | 9423-115-251 | 02,pradhan apartment ,pratap nagar ,near anglo urdu school jalgaon | 101 | 22-12-2022 | 1 month | 10 | 200 | UPDATE DELETE |
| 3 | User image | 4 | soham | b | bhor | Male | B.E.B.Tech | soham.bhor@somaiya.edu | 1111-200-333 | gmail mumbai | 101 | 14-12-2022 | 3 month | 160 | 3000 | UPDATE DELETE |

[BACK TO ADMIN DASH](#)

[LOGOUT](#)

Registration Details

Search name here Search

| Sr no. | Image | First Name | Middle Name | Last Name | Gender | Course | Email | Contact No. | address | Actions |
|--------|------------|------------|-------------|-----------|--------|------------|------------------------|--------------|--------------------------------------------------------------------|-------------------------------------------------------------|
| 1 | User image | siddhant | sandesh | chopda | Male | B.E.B.Tech | siddhantJain@gmail.com | 1111-555-969 | 02,pradhan apartment ,pratap nagar ,near anglo urdu school jalgaon | CONFIRM ADMISSION DELETE |

[BACK TO ADMIN DASH](#)

[LOGOUT](#)

localhost/Hostel_Website/addStudent.php?id=12

After student registration admin verifies the details of the student and then approves the student details

Add Students

User Id : 10

0 2 4 User Id are not available.

Image : le.png

First Name : siddhant

Middle Name : sardosh

Last Name : chopda

Gender : Male

Course : D.El.Ed

Email : siddhantj

Contact No. : 111155

Address : B2, roadha, 22/55B, B, scdls school

Room No. : Room No.

Admission Date : 06-12-2022

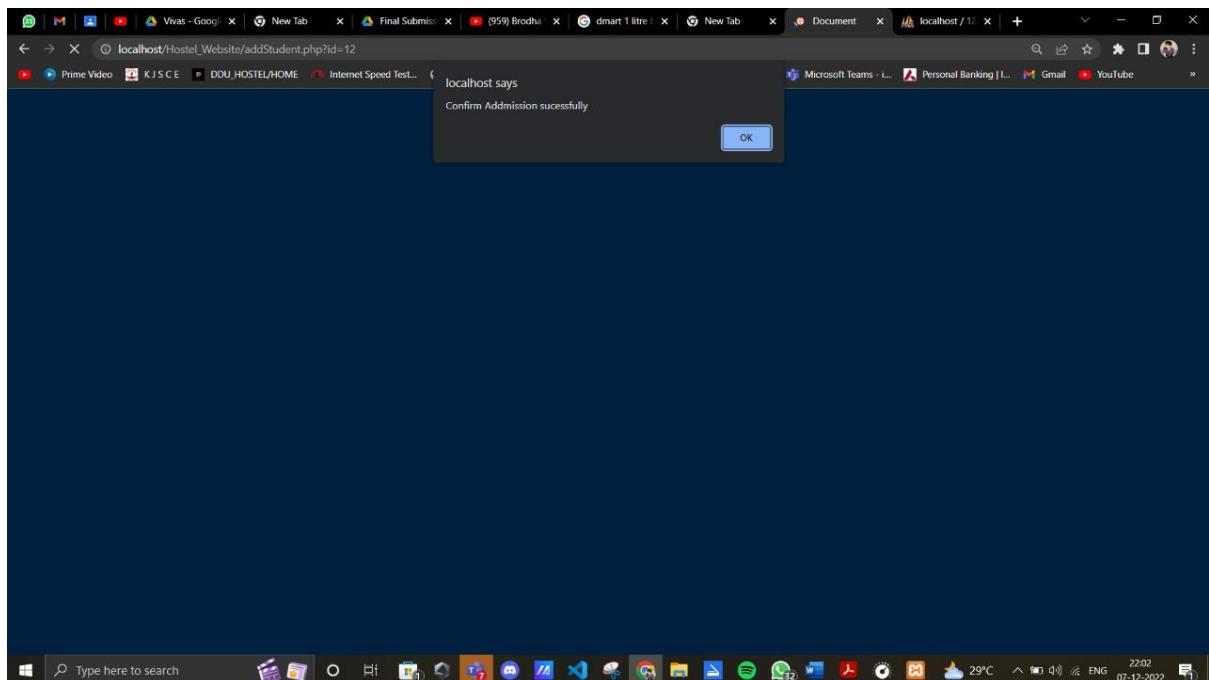
Duration : Enter Duration in Month

Paid Fees : Enter Paid Fees

Total Fees : Enter Total Fees

CONFIRM ADMISSION

GO BACK



Users Details

Search name here

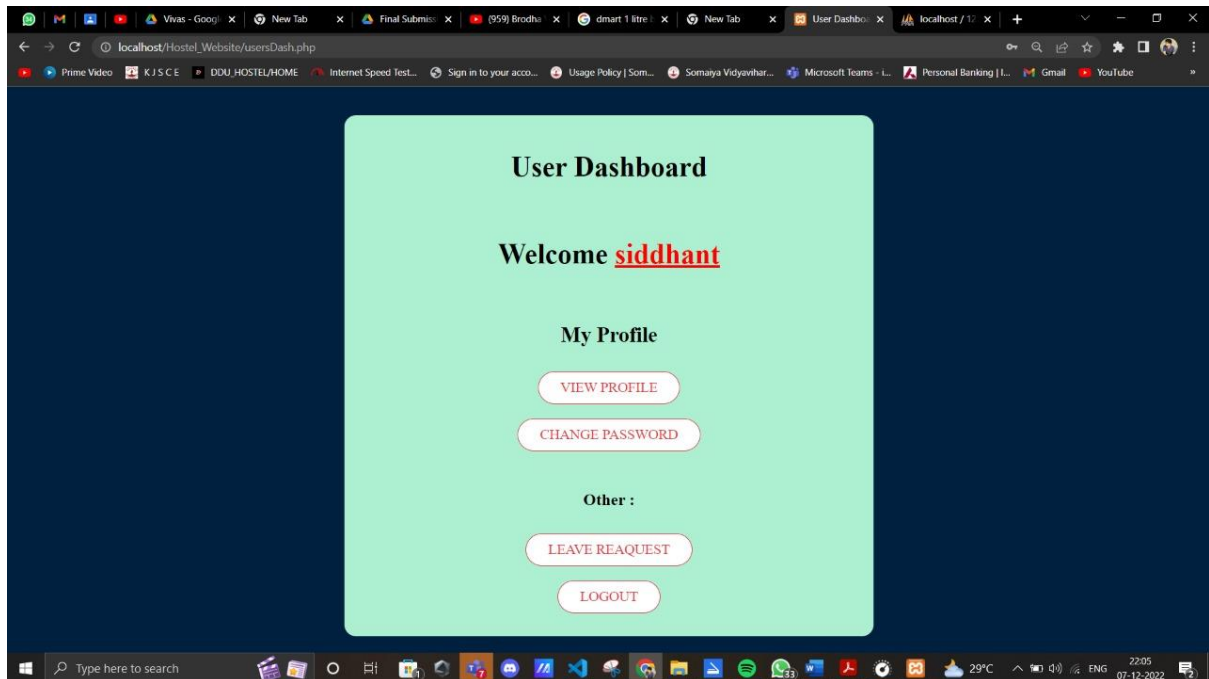
Search

| Sr no. | Image | User ID | First Name | Middle Name | Last Name | Gender | Course | Email | Contact No. | address | Room No. | Admission Date | Duration | Paid Fees | Total Fees | Actions |
|--------|-------|---------|------------|-------------|-----------|--------|------------|---------------------------|--------------|-------------------------------------------------------------------|----------|----------------|----------|-----------|------------|-------------------------------------|
| 1 | | 0 | jasmin | h | dhedhi | Male | B.E.B.Tech | jasmin.dhedhi@sonaiya.edu | 1111-222-333 | mumbai | 101 | 05-12-2022 | 3 month | 10 | 100 | <div>UPDATE</div> <div>DELETE</div> |
| 2 | | 2 | siddhant | sandesh | chopda | Male | B.E.B.Tech | siddhantchopda@gmail.com | 9423-115-251 | 02.pradhan apartment pratap nagar ,near anglo urdu school jaigaon | 101 | 22-12-2022 | 1 month | 10 | 200 | <div>UPDATE</div> <div>DELETE</div> |
| 3 | | 4 | soham | b | bhor | Male | B.E.B.Tech | soham.bhoir@sonaiya.edu | 1111-200-333 | gmail mumbaii | 101 | 14-12-2022 | 3 month | 160 | 3000 | <div>UPDATE</div> <div>DELETE</div> |
| 4 | | 10 | siddhant | sandesh | chopda | Male | B.E.B.Tech | siddhantJain@gmail.com | 1111-555-969 | 02.pradhan apartment pratap nagar ,near anglo urdu school jaigaon | 101 | 28-12-2022 | 5 month | 1000 | 5000 | <div>UPDATE</div> <div>DELETE</div> |

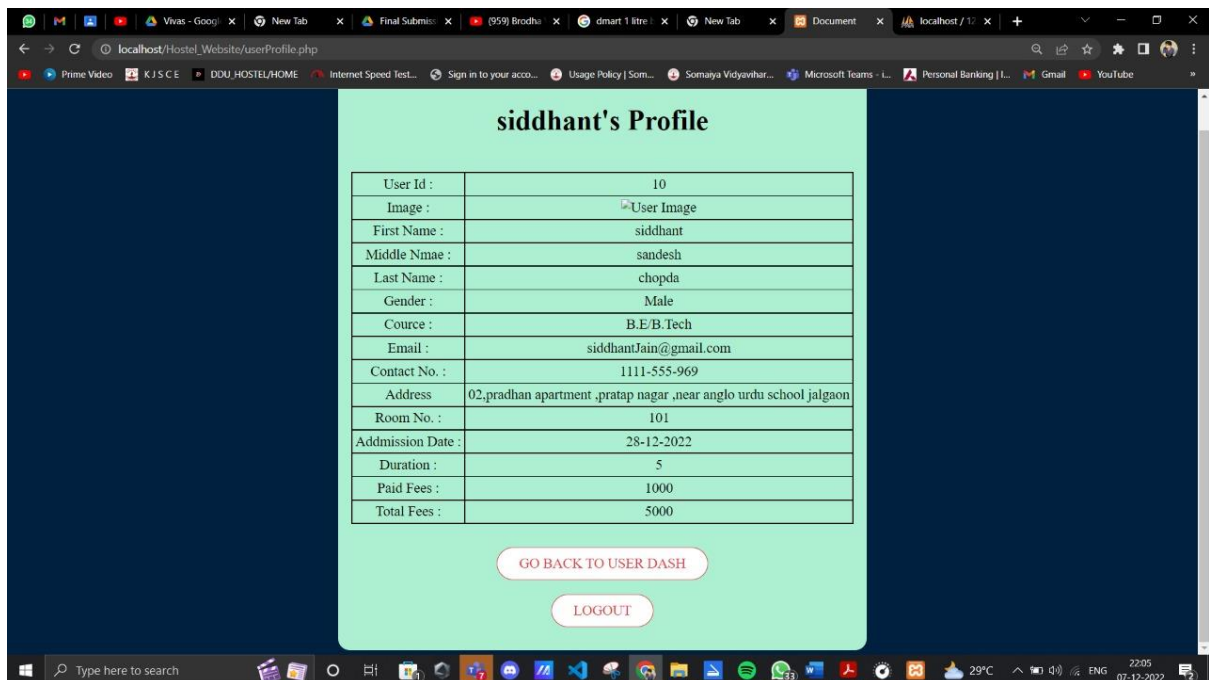
BACK TO ADMIN DASH

[BACK TO ADMIN DASH](#)

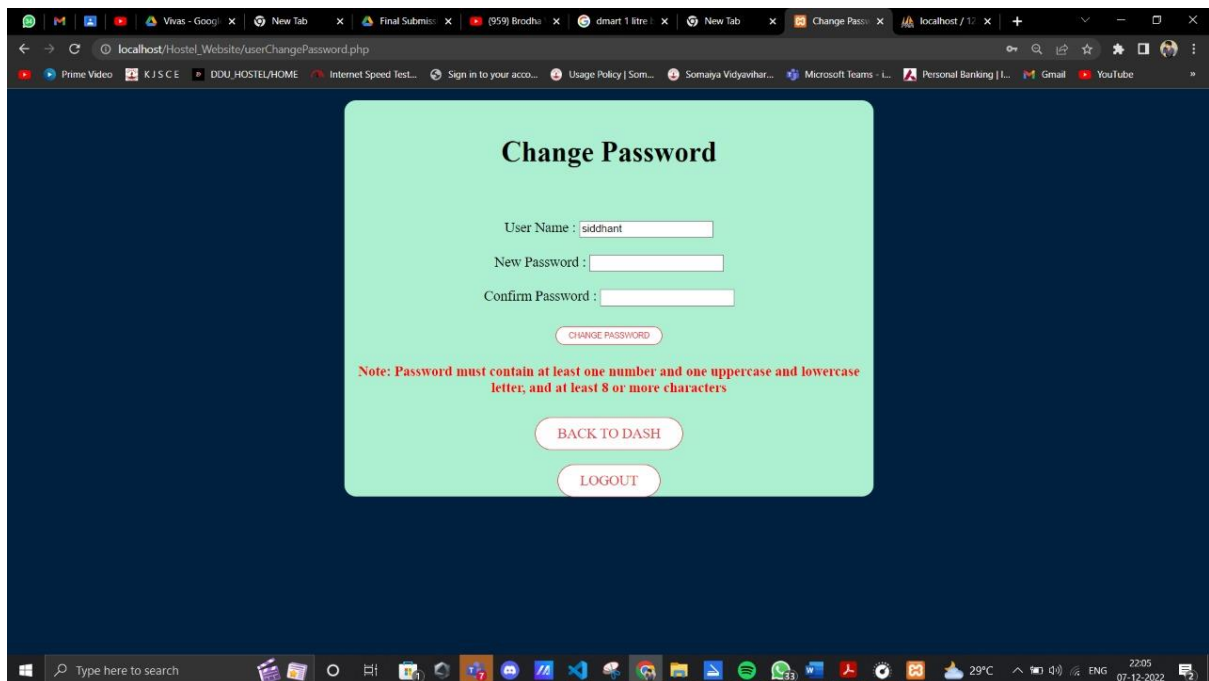
Individual student dashboard



students can view their data



change password screen



The screenshot shows a web browser window with the URL `localhost/Hostel_Website/userChangePassword.php`. The page has a dark blue background with a light green rectangular form in the center. The form is titled "Change Password" in bold black text. It contains three input fields: "User Name" with the value "siddhant", "New Password", and "Confirm Password". Below these fields is a red button labeled "CHANGE PASSWORD". A red note below the button states: "Note: Password must contain at least one number and one uppercase and lowercase letter, and at least 8 or more characters". At the bottom of the form are two white buttons with red borders: "BACK TO DASH" and "LOGOUT". The browser's taskbar at the bottom shows various icons and the system clock indicating 22:05 on 07-12-2022.

Change Password

User Name :

New Password :

Confirm Password :

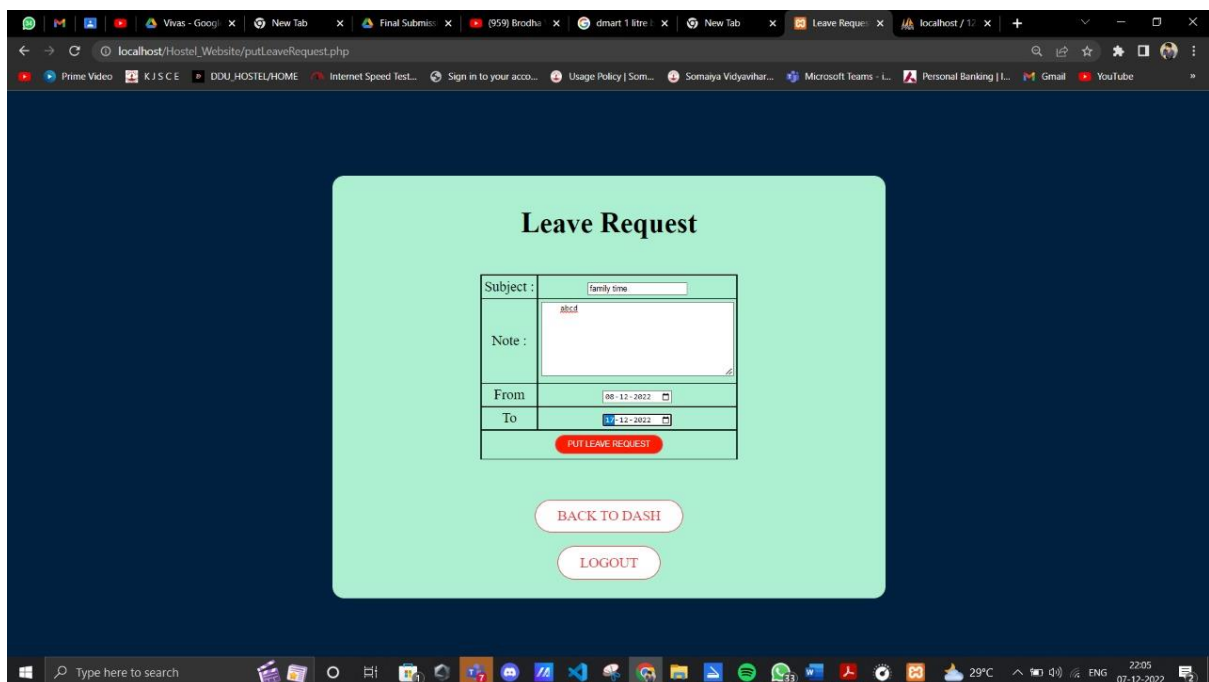
[CHANGE PASSWORD](#)

Note: Password must contain at least one number and one uppercase and lowercase letter, and at least 8 or more characters

[BACK TO DASH](#)

[LOGOUT](#)

If student wants to leave the hostel for holidays he can leave the request



The screenshot shows a web browser window with the URL `localhost/Hostel_Website/putLeaveRequest.php`. The page has a dark blue background with a light green rectangular form in the center. The form is titled "Leave Request" in bold black text. It contains a table with the following fields: "Subject" (value: "family time"), "Note" (value: "abcd"), "From" (value: "08-12-2022"), and "To" (value: "10-12-2022"). Below the table is a red button labeled "PUT LEAVE REQUEST". At the bottom of the form are two white buttons with red borders: "BACK TO DASH" and "LOGOUT". The browser's taskbar at the bottom shows various icons and the system clock indicating 22:05 on 07-12-2022.

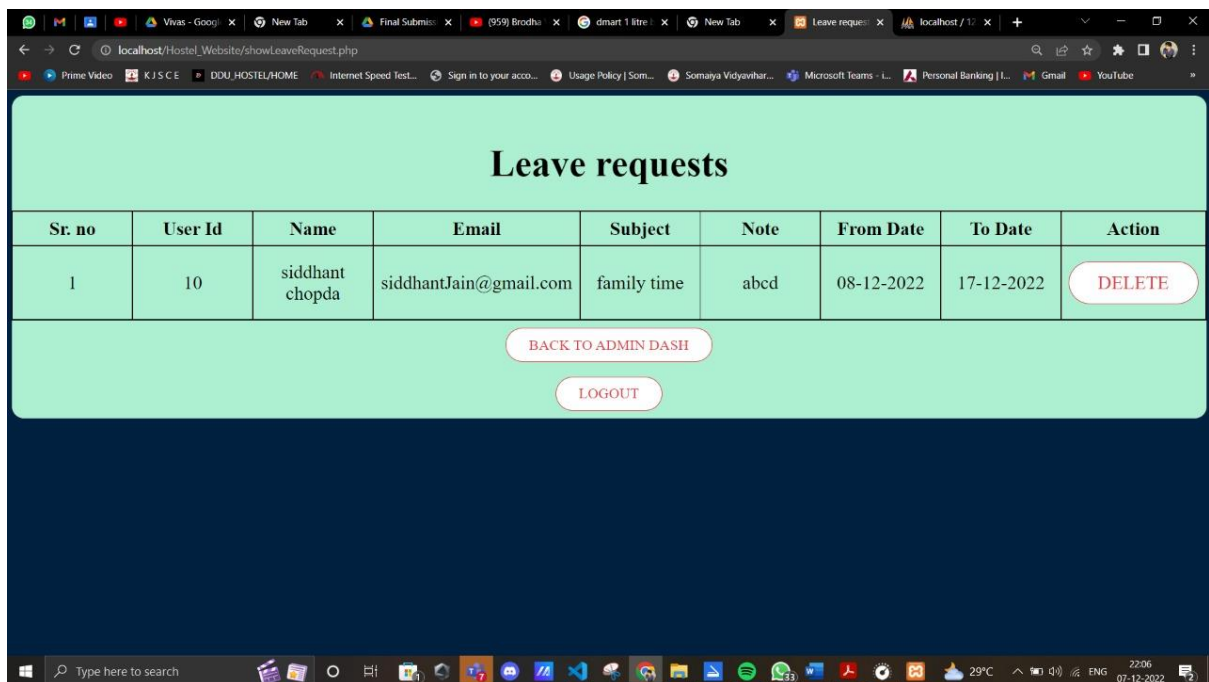
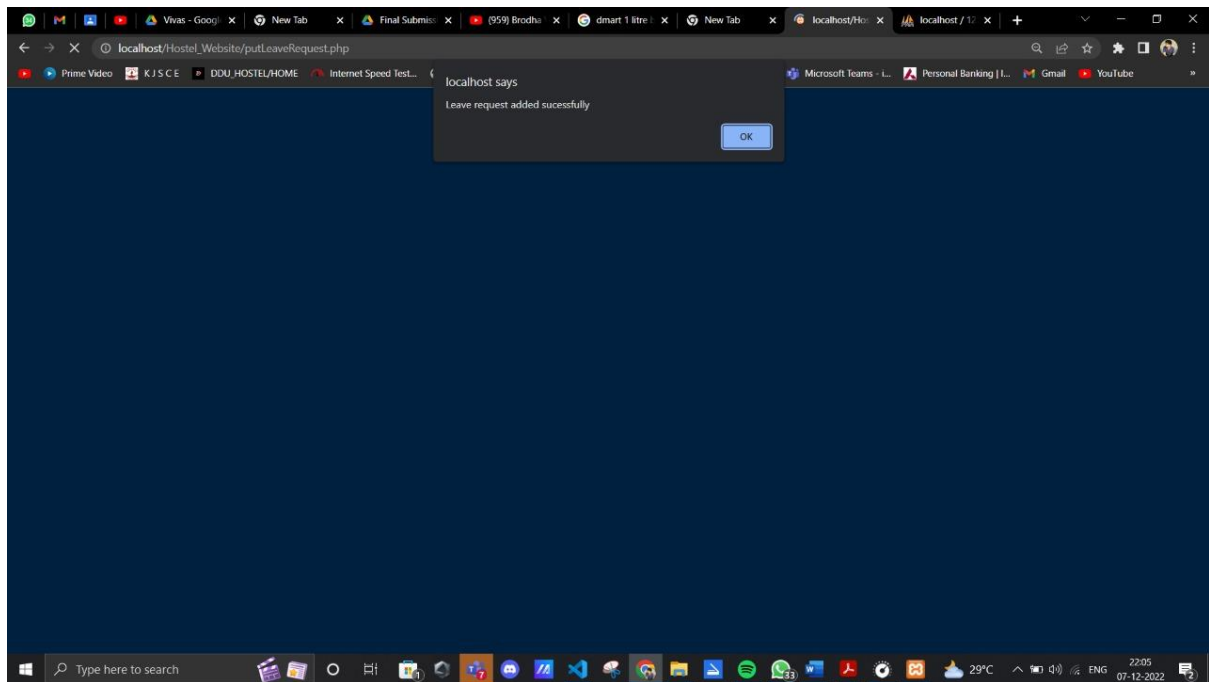
Leave Request

| | |
|-----------|------------------------------------------|
| Subject : | <input type="text" value="family time"/> |
| Note : | <input type="text" value="abcd"/> |
| From | <input type="text" value="08-12-2022"/> |
| To | <input type="text" value="10-12-2022"/> |

[PUT LEAVE REQUEST](#)

[BACK TO DASH](#)

[LOGOUT](#)



localhost/Hostel_Website/roomDetails.php

Room Details

| Sr. no | Room no | Capacity | Current living | Fees |
|--------|---------|----------|----------------|----------|
| 1 | 101 | 4 | 4 | 5000 Rs. |
| 2 | 102 | 4 | 0 | 5000 Rs. |
| 3 | 103 | 4 | 0 | 5000 Rs. |
| 4 | 104 | 3 | 0 | 6000 Rs. |
| 5 | 105 | 6 | 0 | 6000 Rs. |
| 6 | 106 | 2 | 0 | 8000 Rs. |
| 7 | 107 | 2 | 0 | 8000 Rs. |
| 8 | 108 | 4 | 0 | 5000 Rs. |

[BACK TO ADMIN DASH](#)

[LOGOUT](#)

[ADD ROOM](#)

localhost/phpmyadmin/index.php?route=/sql&server=1&db=h1&table=users&pos=0

Showing rows 0 - 3 (4 total. Query took 0.0002 seconds)

```
SELECT * FROM `users`
```

Options

| | id | user_id | first_name | middle_name | last_name | gender | course | email | contact_no | address | password | room_no | admission_date | duration | paid_fees | total_fees | image |
|--------------------------|----|---------|------------|-------------|-----------|--------|------------|---------------------------|--------------|--------------------------------|---------------|---------|----------------|----------|-----------|------------|--------------------------------|
| <input type="checkbox"/> | 1 | 0 | jasmin | h | dhedhi | Male | B.E.E.Tech | jasmin.dhedhi@somaiya.edu | 1111-222-333 | mum... | Helloword@1 | 101 | 2022-12-05 | 3 | 10 | 100 | WhatsApp Image 2022-11-29 at 6 |
| <input type="checkbox"/> | 2 | 2 | siddhant | sandesh | chopda | Male | B.E.E.Tech | siddhantchopda@gmail.com | 9423-115-251 | 02 anathan apartment pratap... | Sandesh7890 | 101 | 2022-12-22 | 1 | 10 | 200 | download.jpg |
| <input type="checkbox"/> | 4 | 4 | soham | b | bhor | Male | B.E.E.Tech | soham.bhor@somaiya.edu | 1111-200-333 | mumbai... | Helloword@1 | 101 | 2022-12-14 | 3 | 160 | 3000 | siddhant backup note 5 2-8-22 |
| <input type="checkbox"/> | 10 | 10 | siddhant | sandesh | chopda | Male | B.E.E.Tech | siddhant.jain@gmail.com | 1111-555-969 | 62 jia | Siddhant@7890 | 101 | 2022-12-28 | 5 | 1000 | 5000 | siddhant backup note 5 2-8-22 |

Query results operations

Print Copy to clipboard Export Display chart Create view

phpMyAdmin interface showing the 'rooms' table structure and data. The table has columns: id, room_no, capacity, current_living, room_fees. The data is as follows:

| id | room_no | capacity | current_living | room_fees |
|----|---------|----------|----------------|-----------|
| 1 | 101 | 4 | 4 | 5000 |
| 2 | 102 | 4 | 0 | 5000 |
| 3 | 103 | 4 | 0 | 5000 |
| 4 | 104 | 3 | 0 | 6000 |
| 5 | 105 | 6 | 0 | 6000 |
| 6 | 106 | 2 | 0 | 8000 |
| 7 | 107 | 2 | 0 | 8000 |
| 8 | 108 | 4 | 0 | 5000 |

phpMyAdmin interface showing the 'leave_request' table structure and data. The table has columns: id, user_id, username, email, subject, note, fromdate, todate. The data is as follows:

| id | user_id | username | email | subject | note | fromdate | todate |
|----|---------|-----------------|------------------------|-------------|-------|------------|------------|
| 1 | 10 | siddhant chopda | siddhantJain@gmail.com | family time | about | 2022-12-08 | 2022-12-17 |