



DREAMDORM

YOUR ONE-STOP SOLUTION FOR HOSTEL AND MESS
MANAGEMENT

DBMS LAB FINAL EVALUATION PRESENTATION

COURSE TITLE – **DATABASE SYSTEMS LAB**

COURSE CODE – CS254

DREAM DORM – HOSTEL AND MESS MANAGEMENT SYSTEM

SECTION – S - 1

TEAM NUMBER – 12

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DREAMDORM – HOSTEL AND MESS MANAGEMENT SYSTEM

DreamDorm is a comprehensive hostel and mess management system developed using HTML, CSS, Bootstrap, JavaScript, Node.js, and MongoDB. It provides a seamless and efficient solution for managing various aspects of hostels and mess facilities.

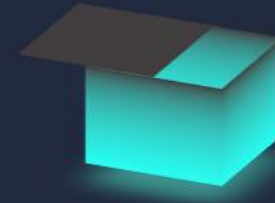


FRONT-END

The DreamDorm platform has been designed with a front end that utilizes HTML, CSS, Bootstrap, and JavaScript technologies. By leveraging these tools, DreamDorm offers users a visually appealing and intuitive interface. This interface is not only user-friendly but also responsive, ensuring seamless accessibility across different devices.

DreamDorm aims to streamline hostel and mess management by reducing the burden of manual tasks. Through its user-friendly interface, it simplifies various processes and minimizes the need for human intervention. This enables hostel and mess administrators to save time and effort while ensuring a smooth and efficient management experience.

Welcome to the DreamDorm Portal



Sign in to your account

SIGN IN



CONTINUE WITH GOOGLE

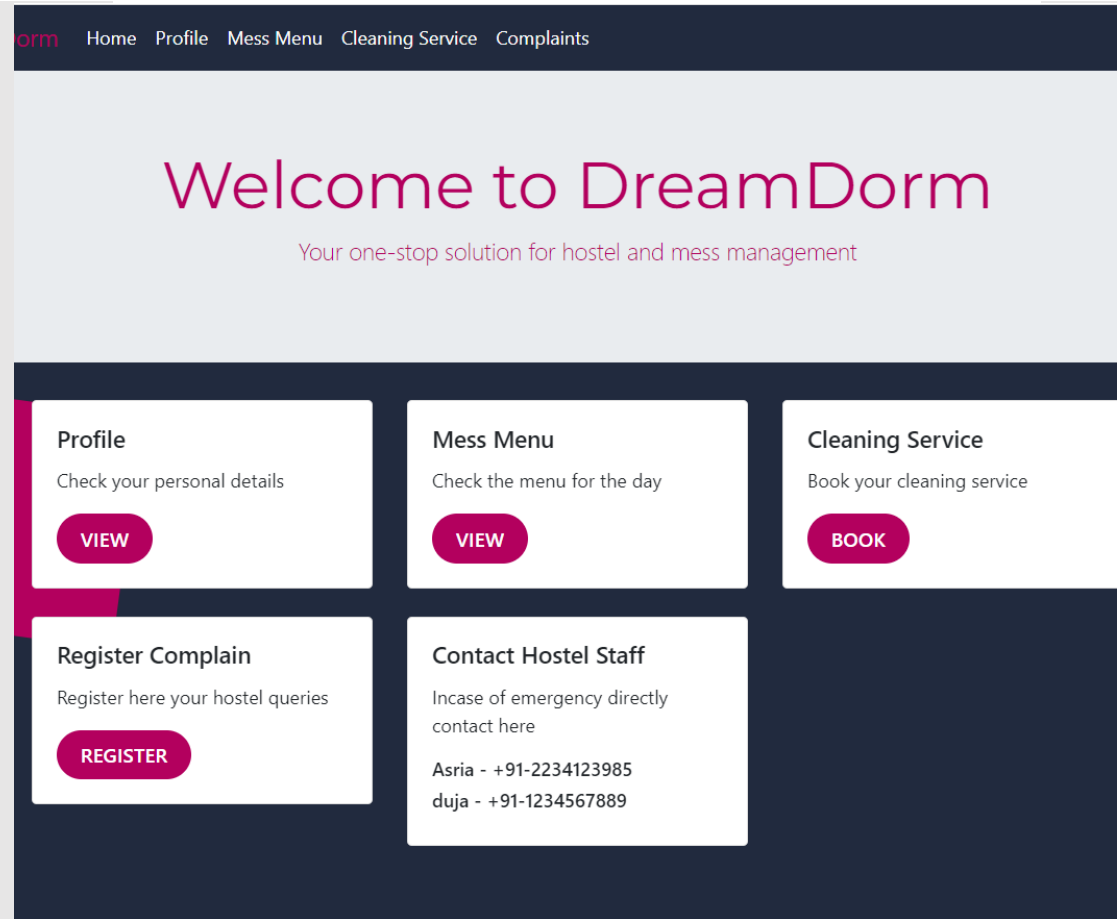
No account? [Sign up](#)

HOW WAS OUR FRONT END DEVELOPED?



HTML - CSS

HTML (Hypertext Markup Language) is used to structure the content of the webpage. It defines the overall structure of the website, including the head and body sections. CSS (Cascading Style Sheets) is used to style the HTML elements. It is used to customize the appearance of different elements on the webpage. Custom styles are applied using selectors, properties, and values, allowing for the customization of colors, fonts, animations, and other visual aspects.



BOOTSTRAP

Bootstrap is a popular CSS framework that provides pre-designed components and styles to make it easier to create responsive websites. We used Bootstrap by importing its CSS file from a CDN (Content Delivery Network).


This allows the use of Bootstrap classes to style elements consistently across different screen sizes. Bootstrap classes like "container," "row," and "col" are used to create a responsive grid system, making the website adapt to different screen sizes. Bootstrap classes are also used for the navigation bar, cards, and buttons, giving them a consistent and visually appealing look.


A GLIMPSE OF OUR WEBSITE


Welcome to DreamDorm


Your one-stop solution for hostel and mess management


Student Profile


 **Name:** John Doe

 **Roll Number:** ABC123

 **Mess Allotment:** Mess A

 **Hostel Room:** 123

 **Email:** john.doe@example.com

 **Phone Number:** +1 123-456-7890

Edit Profile

Monday's Menu

Breakfast 7:00am to 9:30am -
idli,vada,sambar,chutney,bread,jam,butter,tea,coffee,milk

Lunch 12:00pm to 2:00pm - Chole, puri, rice, rasam, dal, curd, pickle, papad, ice-cream

Snacks 4:30pm to 6:00pm - Samosa, red sauce,bread,jam,butter,tea,coffee,milk

Dinner 7:30pm to 9:30pm - egg curry, oil chapati, dry chapati, rice, rasam, sambar, curd

Tuesday's Menu

Breakfast 7:00am to 9:30am - set dosa,sambar,chutney,bread,jam,butter,tea,coffee,milk

Lunch 12:00pm to 2:00pm - aloo mutter, veg dry,dry chapati, oil chapati, rice, rasam, dal, curd, pickle, papad, ice-cream

Snacks 4:30pm to 6:00pm - pani puri, red sauce,bread,jam,butter,tea,coffee,milk

Dinner 7:30pm to 9:30pm - babycorn masala, oil chapati, dry chapati, rice, rasam, sambar, curd

Wednesday's Menu

Breakfast 7:00am to 9:30am - puri,aloo sabji,bread,jam,butter,tea,coffee,milk

Lunch 12:00pm to 2:00pm - Cabbage sabji,dry chapati, oil chapati, rice, rasam, dal, curd, pickle, papad, ice-cream

Snacks 4:30pm to 6:00pm - onion pakoda, red sauce,bread,jam,butter,tea,coffee,milk

Dinner 7:30pm to 9:30pm - chicken masala,mushroom masala, oil chapati, dry chapati, rice, rasam, sambar, curd

Thursday's Menu

Breakfast 7:00am to 9:30am - set dosa,sambar,chutney,bread,jam,butter,tea,coffee,milk

Friday's Menu

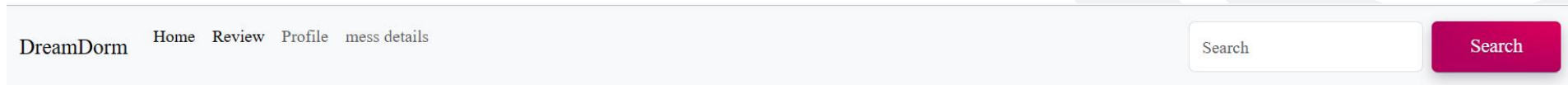
Breakfast 7:00am to 9:30am - dosa,sambar,chutney,bread,jam,butter,tea,coffee,milk

Saturday's Menu

Breakfast 7:00am to 9:30am - aloo parantha,curd,green chutney,bread,jam,butter,tea,coffee,milk

A GLIMPSE OF OUR WEBSITE

ADMIN FRONT PAGE



Welcome to the DreamDorm Portal Dashboard

You are logged in as [username]



A GLIMPSE OF OUR WEBSITE

ADMIN DETAILS PAGE

DreamDorm

Home

Search

Search

Welcome to the DreamDorm Portal

Admin Dashboard

You are logged in as [username]

Student Details

Student Name	Address	Phone Number	Gender	Remove
Anchal	patna	976023989	Female	<div><div></div>Remove</div>
Umika	delhi	9764234876	Female	<div><div></div>Remove</div>
anchal	patna	985755	female	<div><div></div>Remove</div>

+ Add Student

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Images of book cleaning service, staff
emergency phone numbers for
students

Cleaning Service Form

Name

Roll Number

Date

dd-mm-yyyy



Hostel Name

Room Number

SUBMIT

Contact Hostel Staff

Incase of emergency directly
contact here

Asria - +91-2234123985

duja - +91-1234567889

A user-friendly platform that facilitates the seamless registration of complaints for both students and staff members. Our efficient system ensures that all submitted complaints are promptly reviewed and attended to by the appropriate administrative and staff personnel. As an additional safety measure, students are provided with direct access to contact numbers of our staff members in case of emergencies. We prioritize the well-being and satisfaction of our users, offering a formal and reliable channel to express concerns and receive the necessary assistance.

A GLIMPSE OF OUR WEBSITE

Student complain form

Staff queries lookup

Student Queries				
Date	Name	Email	Description	Complaint About
Wed Sep 18 2002 05:30:00 GMT+0530 (India Standard Time)	muskan	muskansingh18092001@gmail.com	hh	h
Fri May 26 2023 05:30:00 GMT+0530 (India Standard Time)	Aditi	monuhhp4@gmail.com	no complaints	nothing
Sat Sep 12 0009 05:53:28 GMT+0553 (India Standard Time)	shashank	shashu@gmail.com	no complaint	no one
Wed Sep 12 2001 05:30:00 GMT+0530 (India Standard Time)	anchal	anchal@gmail.com	no	n
Wed Sep 19 2001 05:30:00 GMT+0530 (India Standard Time)	aditi	ad@gmail.com	no	no
Sat Sep 19 0201 05:53:28 GMT+0553 (India Standard Time)	vedangl	ved@jnk	no complain	no
Wed Aug 09 8484 05:30:00 GMT+0530 (India Standard Time)	fjj	jfff@gmail.com	jfff	lglg
Thu Feb 10 2000 05:30:00 GMT+0530 (India Standard Time)	muskan	muskansingh18092001@gmail.com	no complain	nothing
Mon Mar 19 2001 05:30:00 GMT+0530 (India Standard Time)	akanska	monuhhp4@gmail.com	food is bad	mess

Complaint Form

Date of Complaint

10-08-2023



Name

muskan

Email

muskansingh18092001@gmail.com

Complaint Description

hh



Complaint About

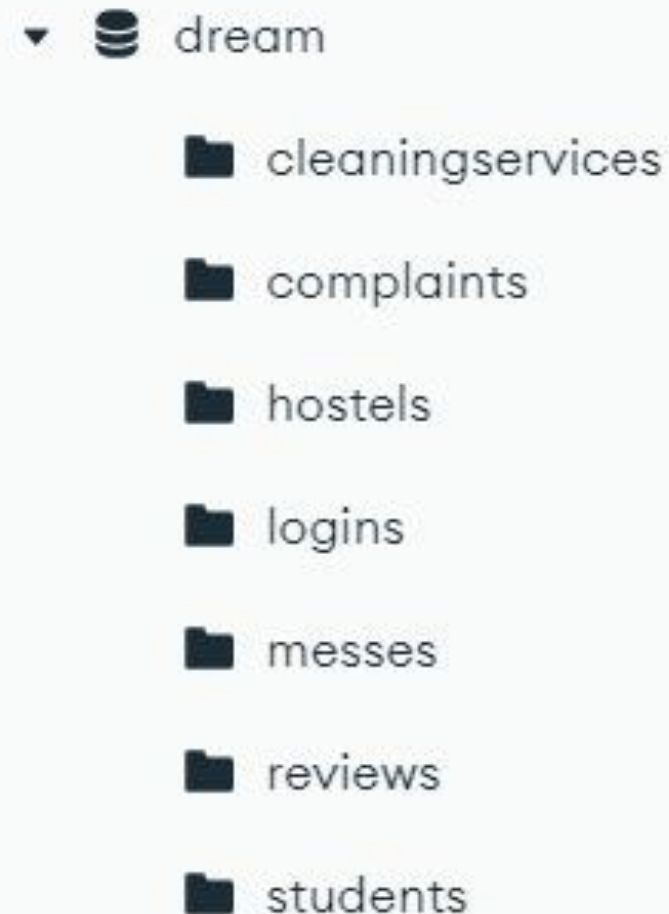
h

SUBMIT

BACK – END

Our website incorporates the powerful MongoDB as our trusted database server, working seamlessly with the aid of Express.js and Node.js. With MongoDB's robust capabilities, we have created a dedicated database named "Dream" to store a wealth of vital information. Within this database, we have carefully organized six collections, housing essential data such as student records, mess and hostel details. Additionally, our dynamic system efficiently stores all complaints registered by both students and staff members, ensuring comprehensive documentation. Moreover, we maintain a comprehensive database of services requested by students, enabling smooth coordination and fulfillment. Rest assured, our sophisticated technology stack guarantees the secure and reliable management of your valuable data.

OUR DREAM DATABASE ON MONGODB



TABLE

cleaningservices

Storage size:
20.48 kB

Documents:
1

Avg. document size:
129.00 B

Indexes:
1

Total index size:
20.48 kB

complaints

Storage size:
20.48 kB

Documents:
9

Avg. document size:
141.00 B

Indexes:
1

Total index size:
36.86 kB

hostels

Storage size:
20.48 kB

Documents:
4

Avg. document size:
130.00 B

Indexes:
1

Total index size:
36.86 kB

logins

Storage size:
20.48 kB

Documents:
9

Avg. document size:
60.00 B

Indexes:
2

Total index size:
73.73 kB

messes

Storage size:
20.48 kB

Documents:
3

Avg. document size:
101.00 B

Indexes:
1

Total index size:
36.86 kB

A GLIMPSE OF OUR DATABASE WORKING

STUDENT DETAILS UPDATE WORKING

DreamDorm Home


Search

Welcome to the DreamDorm Portal

Admin Dashboard

You are logged in as [username]

Student Details

Student Name	Address	Phone Number	Gender	Remove
Anchal	patna	976023989	Female	 Remove
Umika	delhi	9764234876	Female	 Remove
anchal	patna	985755	female	 Remove

+ Add Student



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A GLIMPSE OF OUR DATABASE WORKING

STUDENT COMPLAINS UPDATE
WORKING

```
_id: ObjectId('6470cf4df158839b599f2657')
date: 2002-09-18T00:00:00.000+00:00
name: "muskan"
email: "muskansingh18092001@gmail.com"
description: "hh"
complaintAbout: "h"
__v: 0
```

Complaint Form

Date of Complaint

10-08-2023



Name

muskan

Email

muskansingh18092001@gmail.com

Complaint Description

hh

Complaint About

h

SUBMIT

HOW DOES OUR DATABASE WORK ?

MONGODB



MongoDB is a popular and versatile NoSQL database management system that provides a flexible and scalable solution for storing and retrieving data. It uses a document-oriented approach, where data is stored in flexible, JSON-like documents, allowing for easy data modeling and dynamic schema changes.

Node.js is a powerful, open-source runtime environment that allows developers to build server-side applications using JavaScript. It uses an event-driven, non-blocking I/O model, making it lightweight and efficient for handling concurrent requests. Node.js is built on the Chrome V8 JavaScript engine, which enables fast and performant execution of JavaScript code.



NODE.JS

FUTURE WORK

Job Timings

Your job timings for today are:

8:00 AM - 10:00 AM: Cleaning

10:00 AM - 12:00 PM: Reception duty

1:00 PM - 3:00 PM: Mess duty

Implementing an automated job scheduling system can streamline the process of assigning and managing job timings for hostel staff. This could involve developing a software solution that considers factors such as staff availability, shift rotations, workload distribution, and preferences to optimize job assignments.

FUTURE WORK

Attendance

Click the button below to check your attendance:

CHECK ATTENDANCE

Implementing an automated attendance system can streamline the process of recording and tracking attendance for hostel residents and staff. This could involve using technologies such as biometric scanners, RFID cards, or mobile applications to accurately and efficiently capture attendance data.



THANK YOU!



DREAMDORM1234@GMAIN.COM