HOSTEL MANAGEMENT PORTAL

TEAM MEMBERS

Hemanent S (195001038)

Jayakrishnan S V (195001040)

Jayaraja S K (195001041)

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PROBLEM STATEMENT

In today's modern world, although a lot of things have been modernized/digitalised, still most of the activities carried out by the students at hostel and mess involves either a lot of paperwork (or) have to spend a lot of waiting in a long queue

SOLUTION

To overcome this situation, a Web application has been developed to benefit the students, wardens and mess in-charges to ease their work by going paper less and save time
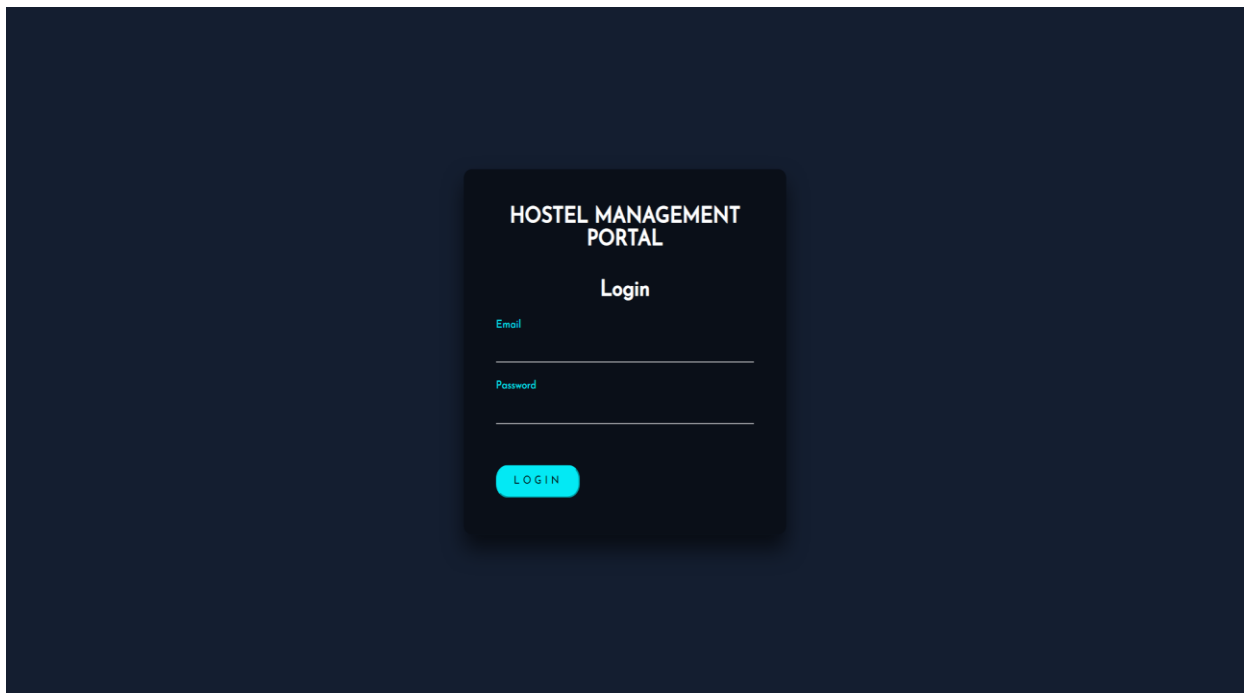
MAIN FUNCTIONALITIES

1. Add student details
2. Online Leave form request
3. Complaint Registration
4. Mess bill cancellations

TECHNOLOGIES USED

1. Node.js
2. React.js
3. MySQL

USER'S FUNCTIONALITIES

1. LOGIN

2. SUPER WARDEN

a) ADD CAMPUS AND COURSES

b) VIEW, EDIT AND DELETE CAMPUS AND COURSE DETAILS

c) ADD USERS

Add Student

WARDEN DASHBOARD

- Add Campus
- View Campus
- Add Course
- Add Warden
- Add Student
- Add Mess
- View Wardens
- View Mess
- View Students
- Add Warden Student Relationship
- View Warden Student Relationship
- Add Mess Student Relationship
- View Mess Student Relationship
- View All Leave Forms
- View All Leave Forms By Filter
- View All Complaints

Email

Name

Contact No

Password

DOB   dd-mm-yyyy

Gender   Select Gender

Campus   Select Campus

Course   Select Course

Batch

Room No

Submit

Add Warden

WARDEN DASHBOARD

- Add Campus
- View Campus
- Add Course
- Add Warden
- Add Student
- Add Mess
- View Wardens
- View Mess
- View Students
- Add Warden Student Relationship
- View Warden Student Relationship
- Add Mess Student Relationship
- View Mess Student Relationship
- View All Leave Forms
- View All Leave Forms By Filter
- View All Complaints

Email

Name

Contact No

Password

DOB   dd-mm-yyyy

DOJ   dd-mm-yyyy

Submit

d) VIEW, EDIT AND DELETE USERS

List of All Wardens

Id	Name	Email	Contact No.	Date of Birth	Date of Join	
1	ADMIN2	admin@ssn		2022-6-16	2022-5-30	OPTIONS ⌄
5	warden1	warden@ssn	9999999999	2022-5-31	2022-5-31	OPTIONS ⌄

OPTIONS
EDIT ACCOUNT INFO
EDIT PERSONAL INFO
CHANGE PASSWORD
DELETE

WARDEN DASHBOARD

Add Campus
View Campus
Add Course
Add Warden
Add Student
Add Mess
View Wardens
View Mess
View Students
Add Warden Student Relationship
View Warden Student Relationship
Add Mess Student Relationship
View Mess Student Relationship
View All Leave Forms
View All Leave Forms By Filter
View All Complaints

View Students

Campus   SSN Chennai ⌄

Course   BE CSE ⌄

Batch   2019 ⏷

Filter

Id	Name	Email	Contact No.	DOB	Gender	Room No	
7	Jack	student3@ssn	9999999999	2004-6-1	M	E-100	OPTIONS ⌄

WARDEN DASHBOARD

Add Campus
View Campus
Add Course
Add Warden
Add Student
Add Mess
View Wardens
View Mess
View Students
Add Warden Student Relationship
View Warden Student Relationship
Add Mess Student Relationship
View Mess Student Relationship
View All Leave Forms
View All Leave Forms By Filter
View All Complaints

e) MAP A SPECIFIC WARDEN TO SPECIFIC SET OF STUDENTS (LEAVE REQUEST AND COMPLAINTS ARE SENT ONLY TO THEM)

f) VIEW AND PROCESS LEAVE FORM REQUESTS

Displaying All Leave Requests...

Request ID	Student Name	Campus Name	Course Name	Batch	Contact No	Request Date	From Date	To Date	Reason	Status	
8	Jack	SSN	CSE	2019	9999999999	2022-6-1	2022-6-10	2022-6-17	Home	NOT_VIEWED	Change Statu ⌄

g) VIEW COMPLAINTS

View All Complaints

Complaint Type   WIFI ⌄

Status   NOT RESOLV ⌄

From Date   01-06-2022

To Date   04-06-2022

Filter

Complaint Id	Student Name	Campus Name	Course Name	Batch	Room No.	Contact No	Complaint Date	Complaint Type	Complaint	Status
5	Jack	SSN	CSE	2019	E-100	9999999999	2022-6-1	WIFI	Bad Wifi	NOT_RESOLVED

3. WARDEN

4. STUDENT

a) SEND LEAVE FORM REQUEST

b) VIEW LEAVE FORM REQUESTS

c) REGISTER AND VIEW COMPLAINTS

d) CANCEL MESS BILL

5. MESS

a) VIEW BILL CANCELLATIONS

b) VIEW STUDENTS LIST AND THEIR BILL CANCELLATIONS