

NAME	KAPIL D
ROLL NO	7376222AG126
SEAT NO	378
PROJECT ID	18
PROBLEM STATEMENT	Campus Maintenance - Essential Staff work status Portal

PROBLEM STATEMENT

Essential Staff work status Portal : Helps to know the Work status of Essential staff.

This portal can streamline this process, empowering essential staff to manage their work status independently. By this portal we can identify the work status of the staff like location of the worker, nature of the work.

Here's a basic outline of structure of Essential Staff work status Portal and its features:

PROJECT FLOW

1. USER AUTHENTICATION:

- Implement a login system to ensure only authorized personnel can access the app.
- Different levels of access can be granted based on user roles (supervisor, staff).

2. DASHBOARD:

- Upon logging in, users are greeted with a dashboard displaying an overview of work statuses for the current date and session.
- It should provide quick insights such as the number of tasks completed, pending, or ongoing.

3. TASK MANAGEMENT:

- Staffs can view a list of tasks scheduled for the day along with their details.
- Supervisor can view, edit a list of tasks scheduled for the day along with their details.
- Each task entry should include:
 - Task ID
 - Nature of the work
 - Location of the work
 - Number of essential staff assigned
 - Names of the essential staff attending
 - Duration of the work
 - Status of the work
 - Remarks
- Tasks can be sorted based on different criteria (e.g., status, location, time).

4. WORK STATUS UPDATES:

- Supervisor can update the status of their assigned tasks.
- Options for status could include: "In Progress" or "Completed"
- Supervisor can add remarks if needed (e.g., reasons for delays, additional notes).

5. SEARCH AND FILTERS:

- Users can search for specific tasks based on Task ID, nature of work, location, etc.
- Filters can help users narrow down tasks based on criteria such as status, date, or staff member.

6. REPORTING AND ANALYTICS:

- Generate reports to track overall performance, such as the number of tasks completed within a given period, average task duration, etc.
- Visual representations like charts and graphs can provide valuable insights into workload distribution and productivity trends.

7. ACCESSIBILITY AND RESPONSIVENESS:

- Ensure the app is accessible across various devices (desktop, tablet, mobile).
- Design the interface to be intuitive and easy to navigate, especially for staff who may not be tech-savvy.

8. SUPERVISOR PANEL:

- Supervisors should have access to manage users, tasks, and system settings.
- They can assign tasks to staff, update task details, and monitor overall progress.

9. STAFF PANEL:

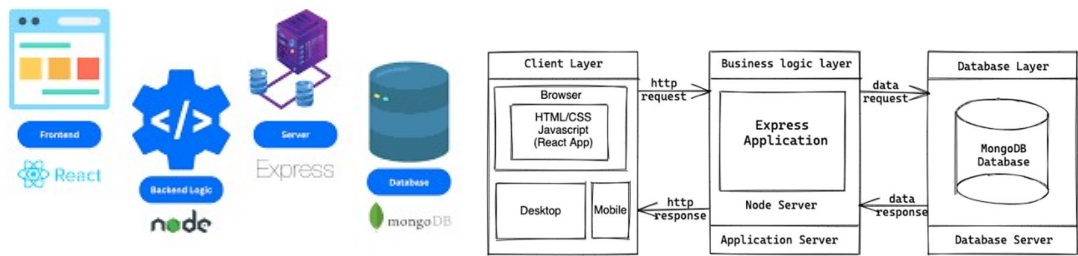
- Staffs can view a list of tasks scheduled for the day along with their details.

9. SECURITY:

- Implement security measures to protect user data and prevent unauthorized access.
- Use encryption protocols for data transmission and storage.

REQUIREMENTS
Login
Dashboard
Supervisor Dashboard & Staff Dashboard
Task Registration
Create Staff

TECHNOLOGY: MERN



FLOW CHART:

FLOW CHART

Essential Staff work status Portal :
This portal can streamline this process, empowering essential staff to manage their work status independently.

