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Project ID: 27

Project title: FITNESS CERTIFICATE

TECHNICAL COMPONENTS

Component	Tech stack
Frontend	React Js
Backend	SpringBoot
Database	MySQL
API	OpenAPI

IMPLEMENTATION TIMELINE

Phase	Deadline	Status	Notes
Stage 1	03/05/2024	Approved �	Planning and Requirement gathering
Stage 2		In Progress	Design and Prototyping
Stage 3		Not started	DB Designing
Stage 4		Not started	Backend Implementation
Stage 5		Not started	Testing & Implementation

PROBLEM STATEMENT:

- **Incomplete Oversight:** Lack of a centralized system for comprehensive monitoring of the auditorium's fitness results in administrators lacking a clear overview of the venue's condition and recurring issues.
- **Manual Tracking:** The manual tracking of Fitness Certificate (FC) submissions is time-consuming and prone to errors, leading to potential oversight of critical issues compromising safety and quality.
- **Reactive Approach:** Relying solely on addressing reported issues results in a reactive approach, which is insufficient for maintaining high standards consistently. Proactive monitoring is necessary to prevent potential hazards.
- **Lack of Accountability:** The absence of a formal system leads to a lack of accountability regarding FC submissions and follow-up actions, fostering a culture of negligence or indifference towards safety and quality standards.
- **Inefficient Communication:** Communication breakdowns between stakeholders hinder the timely resolution of issues related to venue maintenance. A centralized system is needed to streamline communication channels and ensure prompt notification of concerns to relevant parties.

PROJECT FLOW:

Purpose:

To develop an admin portal for managing Fitness Reports for a college auditorium, allowing administrators to track venue conditions, view submitted reports, and monitor recurring issues.

Scope:

The admin portal will include:

- User authentication for administrators.
- Display of submitted Fitness Reports with details and the ability to filter and search.
- Identification of reports with consecutive "No" responses for further review.
- Simple dashboard showing overall venue fitness status and any active alerts.

Business Context:

- Efficient management and monitoring of venue conditions.
- Proactive identification and resolution of maintenance issues.
- Accountability in venue maintenance.
- Efficient communication between administrators and maintenance personnel.
- Compliance with safety and quality standards.

Dependencies:

- Access to the admin portal by authorized personnel.
- Availability of maintenance staff to conduct venue inspections and submit reports.
- Integration with a database to store and retrieve Fitness Reports.
- Compliance with relevant data privacy regulations.

Considerations:

- User-friendly interface for easy navigation and report viewing.
- Data security to protect sensitive information.
- Mobile responsiveness for accessibility on different devices.
- Regular updates and maintenance to ensure system functionality.

User Persona:

- Administrator: Responsible for managing venue maintenance, viewing submitted reports, and monitoring venue conditions.

User Stories:

As an administrator,

- I want to log in to the admin portal to view submitted Fitness Reports.
- I want to see past reports with details and filter them based on specific criteria.
- I want to be alerted if there are consecutive "No" responses in a report.
- I want to have an overview dashboard showing the venue's overall fitness status.

Functional Requirements:

- User Authentication: Secure login for administrators to access the admin portal.
- Report Display: Display of submitted Fitness Reports with details and filtering options.

- Consecutive "No" Detection: Identification of reports with consecutive "No" responses for further review.
- Dashboard: Simple dashboard displaying the overall venue fitness status.

FLOW CHART: