

SOFTWARE REQUIREMENT SPECIFICATION - EVENT MANAGEMENT

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PROJECT TITLE	EVENT MANAGEMENT

Tech-Stack:

- **Frontend:** REACT
- **Backend:** NODE.js,EXPRESS
- **Database:** MongoDB
- **Authentication:** Google Authentication

Introduction:

In today's digital age, efficiently managing events within a college environment can be a challenging task. To address this, our project aims to develop an Event Management Dashboard using the MERN stack (MongoDB, Express, React, Node.js). This dashboard will serve as a comprehensive tool for organizing, scheduling, and tracking various events within the college, ensuring smooth and streamlined event management processes. The Event Management Dashboard will enable administrators, faculty, and students to collaboratively manage events with ease. Key features will include event creation and editing, participant registration, notifications, and real-time updates.

Scope:

The Event Management Dashboard for College will allow administrators to manage events and track the condition of venues. Administrators can ensure venues are maintained, oversee corrective actions, and review items needing attention. Event organizers can create and manage events, while participants can register and receive notifications. The system will include features for event scheduling, participant tracking, and feedback collection. It will be user-friendly, secure, and integrate with other college systems.

General Description:

The Event Management Dashboard for College is a web application built with the MERN stack (MongoDB, Express, React, Node.js). It helps administrators create and manage events, track venue conditions, and handle maintenance. Organizers can schedule events and manage registrations, while students and faculty can view and register for events, receive notifications, and give feedback. The system is user-friendly, secure, and integrates with other college systems.

Product functions:

The Event Management Dashboard allows users to create, edit, and delete events, track and update venue conditions, and manage maintenance tasks. Participants can register for events, and organizers can manage these registrations. The system sends automated notifications for event updates and reminders, tracks attendance, and collects feedback through post-event surveys. It supports different user roles with varying access levels and provides real-time updates. Additionally, it integrates seamlessly with other college systems.

User characteristics:

The Event Management Dashboard caters to three main user groups: administrators, event organizers, and participants (students and faculty). Administrators have complete control, managing events, overseeing venue conditions, addressing maintenance needs, and collecting feedback. Event organizers handle event logistics, including creation, registration management, and attendance tracking. Participants engage with the platform by browsing and registering for events, receiving notifications, and providing feedback. The dashboard is designed with simplicity in mind, ensuring ease of use for all users, regardless of their technical proficiency.

Administrators:

Administrators in the Event Management Dashboard hold important roles. They create, edit, and delete events, ensuring event information is accurate. Administrators also track venue conditions, ensuring they are well-maintained, and oversee maintenance tasks. Additionally, they review participant feedback regularly to improve event management. Overall, administrators ensure the smooth operation of the dashboard by managing events, monitoring venues, and addressing maintenance needs.

Event Organizer's:

Event organizers in the Event Management Dashboard play important roles. They create events, manage registrations, and track attendance. Organizers communicate event details and updates to participants, ensuring everyone stays informed. They also coordinate event logistics, such as venue setup and staffing. Overall, event organizers are essential for planning and executing successful events through effective management and coordination.

Participants:

Participants in the Event Management Dashboard contribute to the vibrant event culture within the college. Their main tasks include browsing and registering for events of interest. Once registered, participants attend the events they've signed up for, actively engaging and contributing to the event's success. Post-event, participants provide valuable feedback, aiding organizers in improving future events. Their active participation enriches the event experience for the entire college community.

FLOW CHART:

