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**Seat No: 229**

**Project ID: 12**

**Project title: VENUE MANAGEMENT**

COMPONENT	TECH STACK
Backend	NODE.js
Frontend	REACT.js
Database	MongoDB
API	REST Ful API

### Implementation Timeline

Phase	Deadline	Status	Notes
Stage 1	24/07/2024	In progress	Planning and Requirement Gathering
Stage 2		Not started	Design and UI/UX Prototyping
Stage 3		Not started	Database Design and Implementation
Stage 4		Not started	Backend Development
Stage 5		Not started	Integration and Testing
Stage 6		Not started	Deployment

## **PROBLEM STATEMENT:**

The "Venue management" is a MERN stack-based website that streamlines the management of venue management programs. It features three types of user access: admin, faculty, and student. Admins allocate skills to faculty, set training schedules, and oversee all user details. Faculty members conduct sessions, mark attendance, and assess students. Students can view their attendance and assessment results, providing transparency and promoting accountability. By offering role-based access, the portal enhances efficiency, reduces unauthorized data access, and ensures secure training management. The platform's user-friendly interface fosters better communication and clarity in training program administration.

## **PROJECT-FLOW:**

### **Purpose:**

web-based platform that manages and organizes skill-based training information for administrators, faculty, and students. The portal will serve as a centralized system for admins to allocate skills to faculty, for faculty to manage student details, attendance, and assessments, and for students to view their attendance and assessment marks

### **Scope:**

The scope aims to ensure a clear understanding of user roles and activities within the portal, guiding the development process and providing a basis for project management.

### **Business Context:**

The system aims to streamline course management processes in BIT, enhance communication between stakeholders, and improve overall organizational efficiency. Primary stakeholders include admins, faculties, and students.

**Consideration:**

- Admins have full access to course management functionalities.
- Faculties can access to mark daily attendance and assessment marks for their students.
- Students can view their own attendance and assessment marks.

**Dependencies:**

- Integration with Google OAuth for user authentication.
- Consistent performance and availability of the system.

**User personas:**

- Admin: Manages course additions, edits, and deletions.
- Faculty: mark daily attendance and assessment marks for their students.
- Student: their own attendance and assessment marks.

**User Stories:**

- Admin: Needs to efficiently manage courses and user roles.
- Faculty: Requires an easy way to mark attendance and manage course materials.
- Student: Wants a user-friendly interface to access course information.

**Functional Requirements:**

- User Authentication: Secure login using Google OAuth.
- Dashboard: Displays options to manage courses by regulations, departments, and semesters.
- Vetting Process: Materials and videos undergo a vetting process before being added to course pages.
- View Source: Faculties can edit course pages through a "View Source" option.

## FLOW CHART :

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