



**Student Name:** MOHANRAJ S

**Seat No:** 46

**Project ID:** 11

**Project title:** Event Management

### Technical Components

Component	Tech Stack
Backend	Express
Frontend	Angular
Database	MongoDB
API	RESTful services

### Implementation Timeline

Phase	Deadline	Status	Notes
Stage 1	03/06/2024	Approved ▾	Planning and Requirement gathering
Stage 2		Under review ▾	Design and Prototyping
Stage 3		Under review ▾	DB Designing
Stage 4		In progress ▾	Backend Implementation
Stage 5		Not started ▾	Testing & Implementation

## **PROBLEM STATEMENT:**

Develop a user-friendly "Event Management" website using the MEAN stack to simplify the registration process for college technical events. The website should provide clear event details, allow for easy accommodation registration, and ensure a secure and risk-free experience for users. The system should include features such as user authentication, event listing, registration management, and accommodation booking. Thorough testing and documentation are required to ensure a seamless user experience and maintain the website's quality.

## **PROJECT-FLOW:**

### **Purpose:**

The primary goal of the "Event Management" website is to streamline the registration process for college technical events by providing a centralized platform. By offering clear event details and a simple registration procedure, the website aims to increase participation and make event management more efficient for both organizers and attendees.

### **Scope:**

The website will enable users to browse and register for college technical events effortlessly. It will provide a comprehensive listing of events, along with detailed information about each event's date, time, location, and agenda. Users will be able to create accounts, register for events, and book accommodations securely within the website. The system will handle user authentication, event management, registration tracking, and accommodation booking.

### **Business Context:**

The "Event Management" website serves as a valuable tool for colleges and universities to promote and manage their technical events effectively. By simplifying the event registration process and providing a secure platform for accommodation bookings, the website enhances the overall event experience for participants. This can lead to increased event attendance, improved event organization, and better coordination between event organizers and attendees.

### **Consideration:**

- Admins have full control over event management, including creating, editing, and deleting events.
- Event organizers can provide detailed event information, set registration deadlines, and manage attendee lists.
- Users can create accounts, browse events, register for desired events, and book accommodations.

## Dependencies:

- Integration with a secure payment gateway for processing accommodation bookings.
- Reliable hosting infrastructure to ensure high availability and performance of the website.

## User personas:

- **Admin:** Manages overall event listings, user roles, and system settings.
- **Event Organizer:** Creates and manages specific events, tracks registrations, and communicates with attendees.
- **User (Attendee):** Browses events, registers for desired events, and books accommodations.

## User Stories:

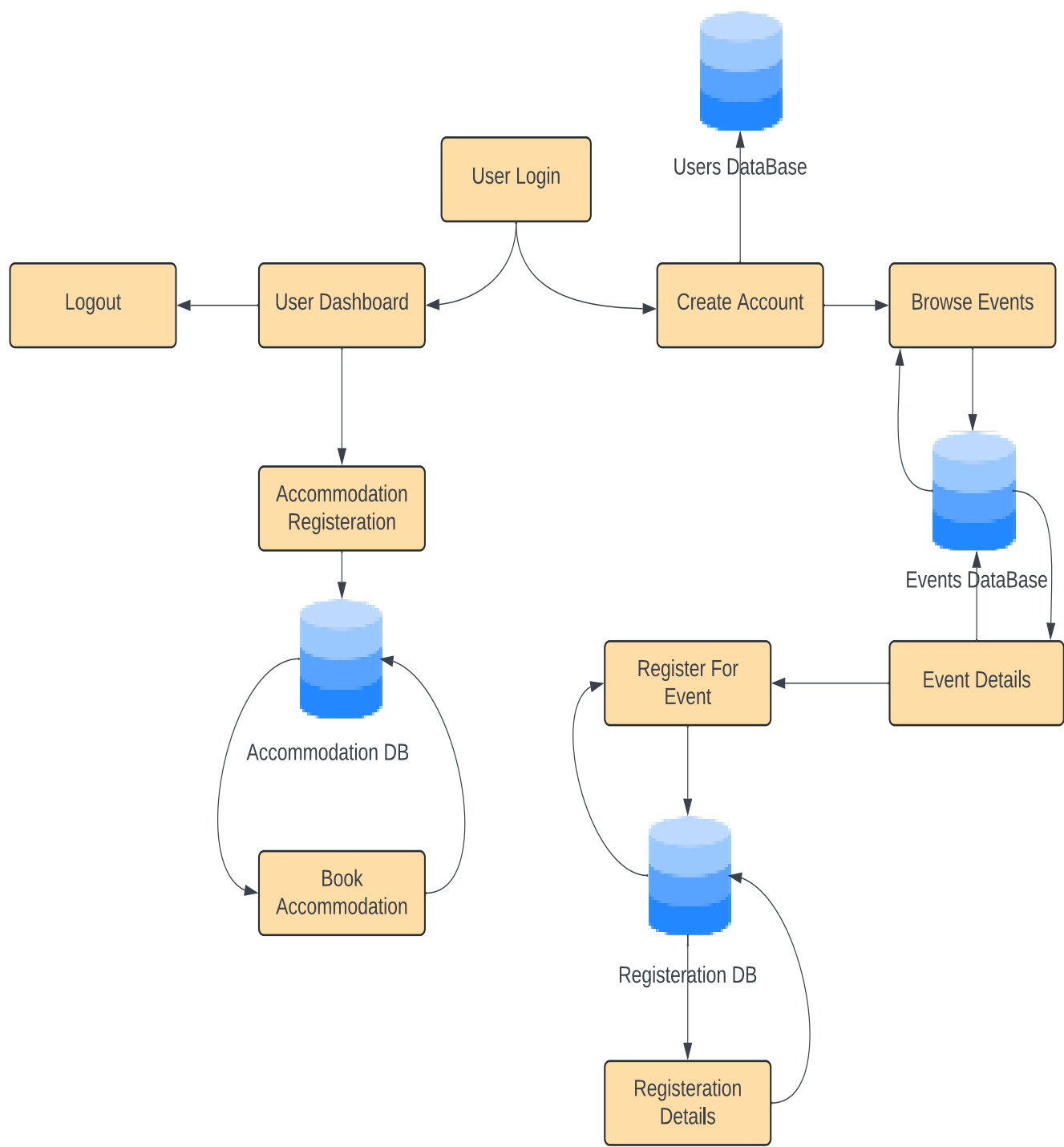
- **Admin:** Needs a comprehensive dashboard to manage events, user roles, and system configurations.
- **Event Organizer:** Requires tools to create detailed event listings, set registration deadlines, and manage attendee information.
- **User (Attendee):** Wants a user-friendly interface to browse events, register for events, and book accommodations easily.

## Functional Requirements:

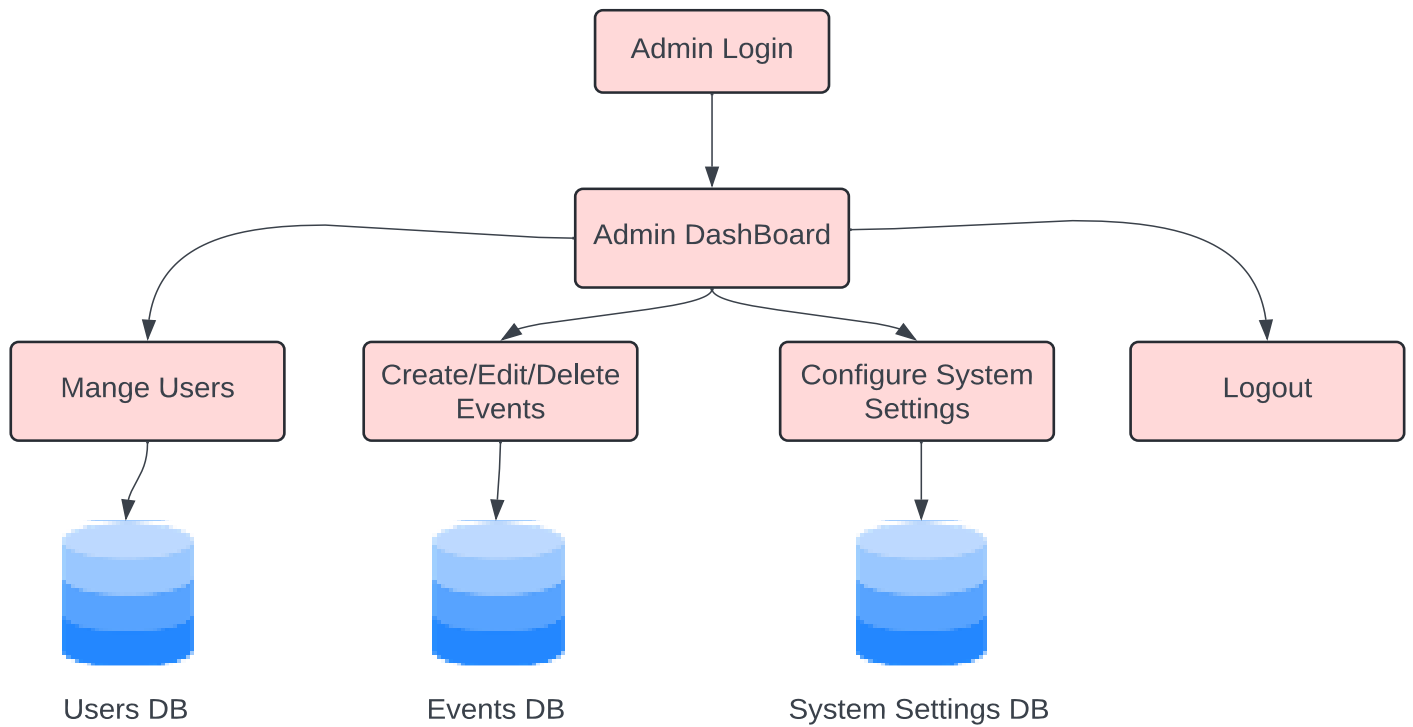
- **User Registration and Authentication:** Secure user registration and login using MERN stack technologies.
- **Event Listing:** Display a comprehensive list of college technical events with detailed information.
- **Event Registration:** Allow users to register for desired events and manage their registrations.
- **Accommodation Booking:** Provide a secure and reliable accommodation booking system for event attendees.
- **User Dashboard:** Personalized dashboard for users to manage their event registrations and accommodation bookings.
- **Admin Panel:** Comprehensive admin dashboard to manage events, user roles, and system settings.

FLOW CHART:

USER:



## ADMIN:



## EVENT ORGANIZER:

