

# Software Requirements Specification Document

## Eventora-an event management Website

Group - [6]

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## 1. Project Summary

### 1.1 Project Overview

The Event Management Portal "Eventora" is a web application designed to provide comprehensive event planning and management services for a variety of event types including weddings, corporate conferences, birthday celebrations, college events, naming ceremonies. Built with React (Vite), Styled-Components, and Framer Motion, the platform enables users to search for different events and event packages according to their requirements and budget, including location, date of the event, and number of guests. The dashboard maintains your upcoming events, and account settings. This application includes informational pages such as About Us, Contact Us.

### 1.2 Project Scope

The Eventora web application provides a secure, user-friendly platform for users to plan and manage a variety of events, including weddings, corporate conferences, birthday celebrations, college events, and naming ceremonies.

#### User Features:

- Multi-step event creation and management for supported event types.
- Search and filter event packages based on event type, location, date, number of guests, and budget.
- Dashboard to view and manage upcoming events, and account settings. An admin dashboard to manage and validate CRUD operations on events.
- Access to informational pages such as About Us and Contact Us.

#### UI/UX:

- Modern, mobile-first responsive design using a custom color palette (royal blue, event blue, neutral tones).
- Smooth animations and intuitive navigation implemented using Framer Motion and Styled-Components.

- Consistent layout with reusable Navbar and Footer components.

**Constraints:**

- The system does not include a payment gateway or SMS notification services.

## 2. General Description

### 2.1 Product Functions Overview

The Eventora Event Management Portal supports the following key functionalities:

- **Home Page:** Features a hero banner with a welcoming message, a call-to-action for planning events or contacting support, and visually engaging event highlights.
- **Event Search and Discovery:** Users can search and filter event packages by event type (wedding, corporate conference, birthday, college event, naming ceremony), location, date, number of guests, and budget. Results are displayed in a card-based layout with sorting and filtering options.
- **Event Creation and Management:** Registered users can create and manage their events, specifying details such as event type, date, venue, guest count, and budget. The dashboard displays upcoming events, and allows users to update account settings. Event results are displayed in a card-based UI
- **Account Management:** Users can register, log in, and manage their profile information (name, email, password) through a secure settings page. Profile updates and password changes are supported, with access control to ensure only authenticated users can modify their data.
- **Informational Pages:** The application includes About Us and Contact Us pages, providing platform information and support contact.

### 2.2 Types of Users/Actors

- **User:** Searches for and books an event package according to his requirements.
- **Admin:** Logs in and can manage and edit different events and their packages.

### 2.3 Technical Requirements

- **Frontend:** React 18 with Vite, Styled-Components for styling, Framer Motion for animations
- **Backend:** Node.js and PostgreSQL
- **Database:** Relational database (PostgreSQL)
- **Browser Support:** Latest versions of Chrome, Firefox, Safari, and Edge
- **Tools:** Visual Studio Code, pgAdmin 4

### 3. User Interface (Visual Layout)

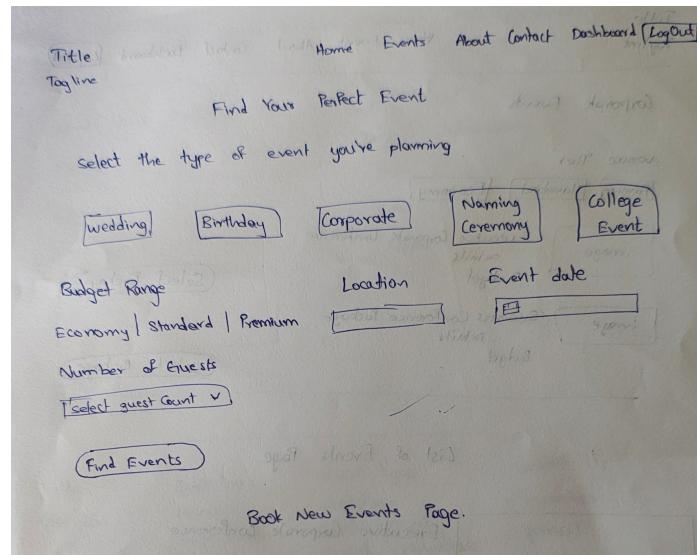
#### Key Screens:

A hand-drawn sketch of a 'Create Account' form. At the top right, there is a navigation bar with links: Home, Events, About, Contact, and Log in. Below the navigation bar, the text 'Create Account' is centered. The form consists of several input fields: 'Full name' (with a placeholder box), 'Email' (with a placeholder box), 'Password' (with a placeholder box), and 'Confirm Password' (with a placeholder box). Below these fields is a checkbox labeled 'I agree to terms & conditions'. At the bottom left is a 'Sign Up' button, and at the bottom right is a 'Log in' link.

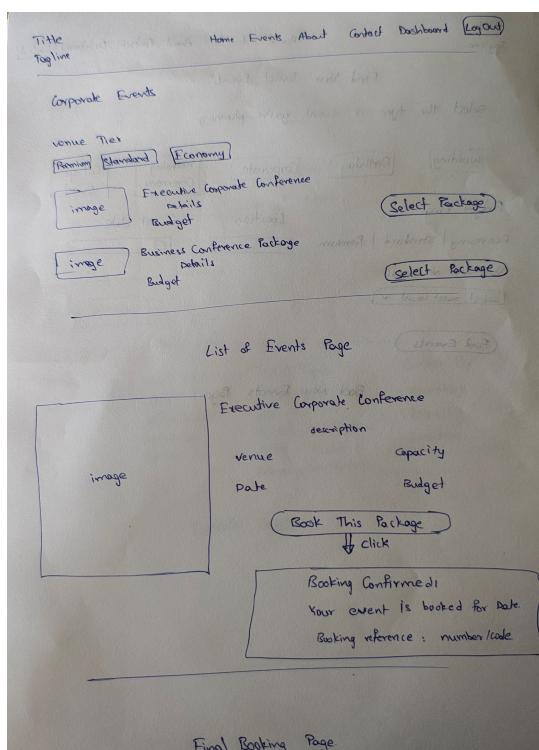
Log in Page

A hand-drawn sketch of a 'Home Page'. At the top right, there is a navigation bar with links: Home, Events, About, Contact, Dashboard, and Log out. Below the navigation bar, the text 'Welcome! Part description' is followed by a 'Find your Perfect Event' section. This section includes categories like Wedding, Birthday, Corporate, Naming Ceremony, College Event, Budget Range (Economy, Standard, Premium), Location, Event Date (with a date input field), and Number of Guests (with a dropdown menu 'Select Guest Count'). Below this is a 'Find Events' button. Further down, there is a 'Explore Event Categories' section with five boxes: Weddings, Corporate, Birthday, Naming Ceremony, and College events. Underneath is a 'why choose Us' section with three boxes: Expert Event Planning, Customized Packages, and Professional staff. At the bottom, there is a 'Reviews' section with three placeholder boxes for reviews from David, Sandra, and Agusth. At the very bottom, there are links for Eventbrite (Title) Description, Quick Links (Home, Browse Events), Event Types, and Contact Us.

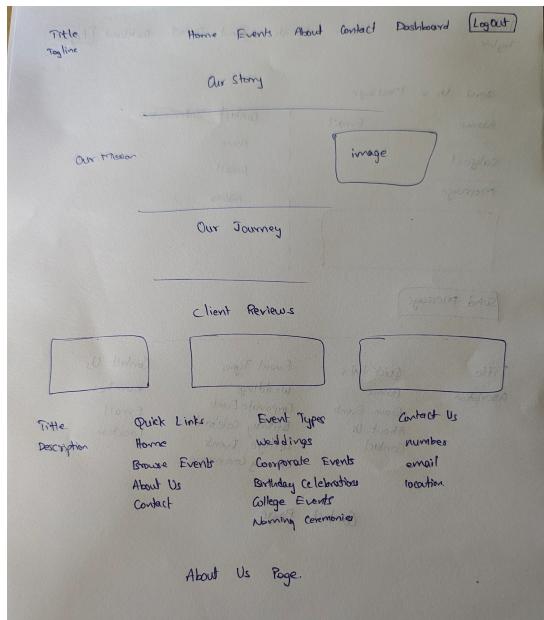
Home Page



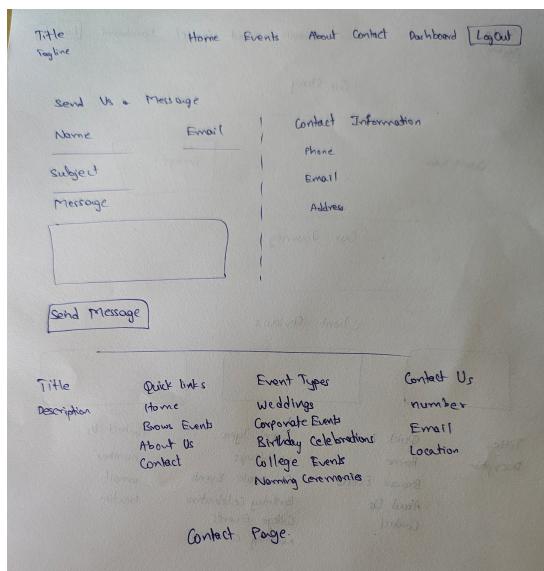
Book new events Page



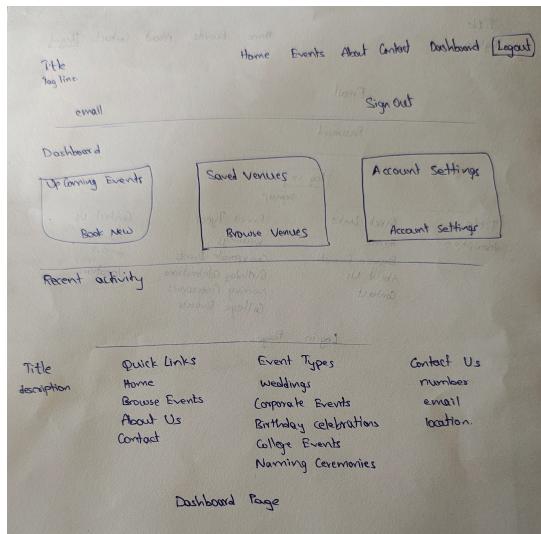
Final booking Page



About Us page



Contact Us Page



Dashboard Page

## User Interface (Visual Layout)

The Eventora Event Management Website features a clean, modern UI with the following key screens and components:

- **Home Page:**

Hero banner with the Eventora logo and tagline at the top left, navigation links on the right. There are stacked event image cards representing different event types. Some features highlighting why users should choose us. Includes customer reviews as well.

- **Event Search and Results:**

Card-based listings of event packages, filterable by event type, location, and other criteria.

- **Admin Dashboard:**

The admin can log in and add, edit, and manage events, enabling full CRUD operations on the database.

- **User Portal:**

Personalized area for users to view and manage upcoming events, and account settings.

- **Navbar:**

Fixed at the top, featuring the logo/tagline on the left and navigation links (Home, Events, About, Contact, Admin, Portal, Logout) on the right.

- **Footer:**

Consistent across all pages, with quick links and contact information.

## 4. Team Members and Contributions

Team Member	Feature Ownership
[Akshaya Giri Guduru]	User Authentication and registration, Account Management.
[Rushik Rohan Chita]	Event Search and Filter Features, Event Package Listings and event summaries
[Kavya Penikalapati]	Event Management, Multi-step Event Forms and Backend integration
[Nagadeep Reddy]	UI Animations, Content Management and Informational Pages