

ReadMe file for Event Management System

Overview

The **Event Management System** is a web-based application designed to help users browse, book, and manage events efficiently. The system provides an interactive UI for users to explore different event categories, while the admin panel allows authorized users to update and manage event details.

Features

User Features

- Browse and select from various event categories (e.g., conferences, weddings, parties, networking events).
- Book an event with a simple "Book Now" button.
- View event details, including images and descriptions.
- Responsive UI for seamless experience across devices.

Admin Features

- Secure login with **user ID and password**.
- Add, update, and delete event details.
- Modify event images and descriptions in **index.html**.
- Manage bookings and user requests.

Security & Authentication

- User authentication ensures **only authorized admins** can modify event details.
- Password encryption for better security.

Installation Guide

1. Prerequisites

Ensure you have the following installed:

- **Node.js** (for React-based frontend)
- **React.js** (for UI components)
- **Express.js** (for backend API handling)
- **MongoDB/MySQL** (for storing event details)

2. Clone the Repository

```
git clone https://github.com/your-repository/event-management-system.git  
cd event-management-system
```

3. Install Dependencies

For Frontend (React)

```
bash
```

```
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```

```
cd frontend
```

```
npm install
```

For Backend (Express)

```
cd backend
```

```
npm install
```

4. Configure Database

Update the database configuration in **backend/config.js** with your database credentials.

5. Start the Application

Start Backend Server

```
bash
```

```
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```

```
cd backend
```

```
node server.js
```

Start Frontend

```
cd frontend
```

```
npm start
```

Now, the application will be available at **http://localhost:3000**.

Usage Guide

1. User Interface

- Open the homepage to view different event categories.
- Click "**Book Now**" to proceed with event registration.
- Fill in the required details and submit the booking request.

2. Admin Panel

- Login with admin credentials (**User ID and Password**).
- Modify events (add, update, delete).
- View and manage user bookings.

Testing Reports

1. Functional Testing

Test Case	Expected Outcome	Status
User can view event categories	Events should display correctly	<input checked="" type="checkbox"/> Pass
User clicks "Book Now"	Booking form should open	<input checked="" type="checkbox"/> Pass
User submits booking form	Confirmation message should appear	<input checked="" type="checkbox"/> Pass
Admin logs in with correct credentials	Admin panel should open	<input checked="" type="checkbox"/> Pass
Admin updates event details	Changes should reflect in UI	<input checked="" type="checkbox"/> Pass

2. Security Testing

Test Case	Expected Outcome	Status
Invalid user login attempt	Access should be denied	<input checked="" type="checkbox"/> Pass
SQL Injection attempt in login	System should prevent attack	<input checked="" type="checkbox"/> Pass
Unauthorized API access	API should reject request	<input checked="" type="checkbox"/> Pass

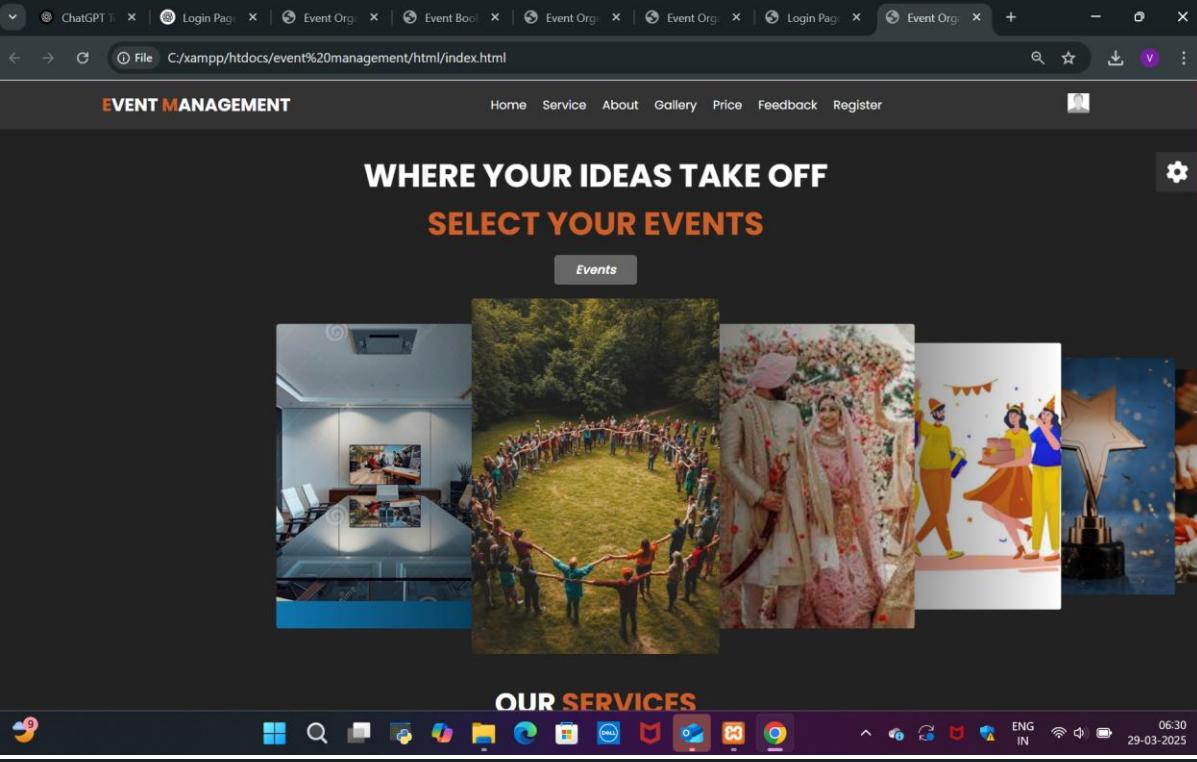
3. UI/UX Testing

Test Case	Expected Outcome	Status
Website opens on mobile devices	Responsive layout should adjust properly	<input checked="" type="checkbox"/> Pass
Buttons and links are clickable	Navigation should work without errors	<input checked="" type="checkbox"/> Pass

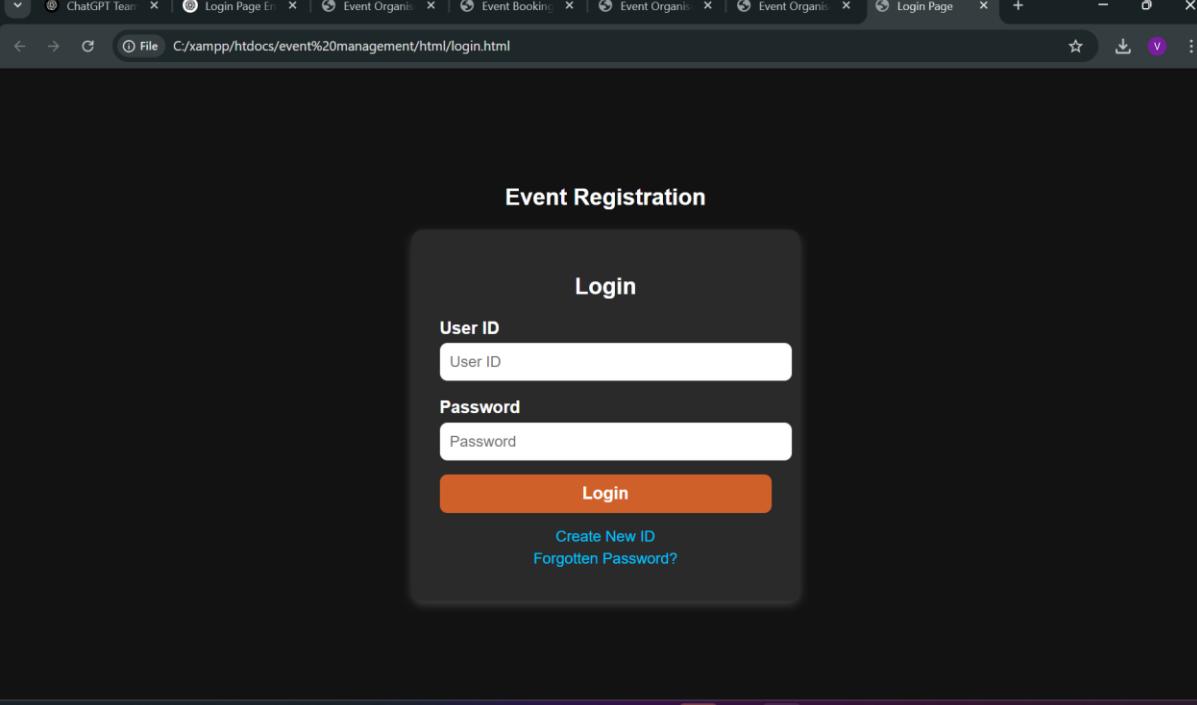
Future Enhancements

- Implement **online payment integration** for bookings.
- Add **email notifications** for confirmations.
- Improve UI with **real-time event updates**.

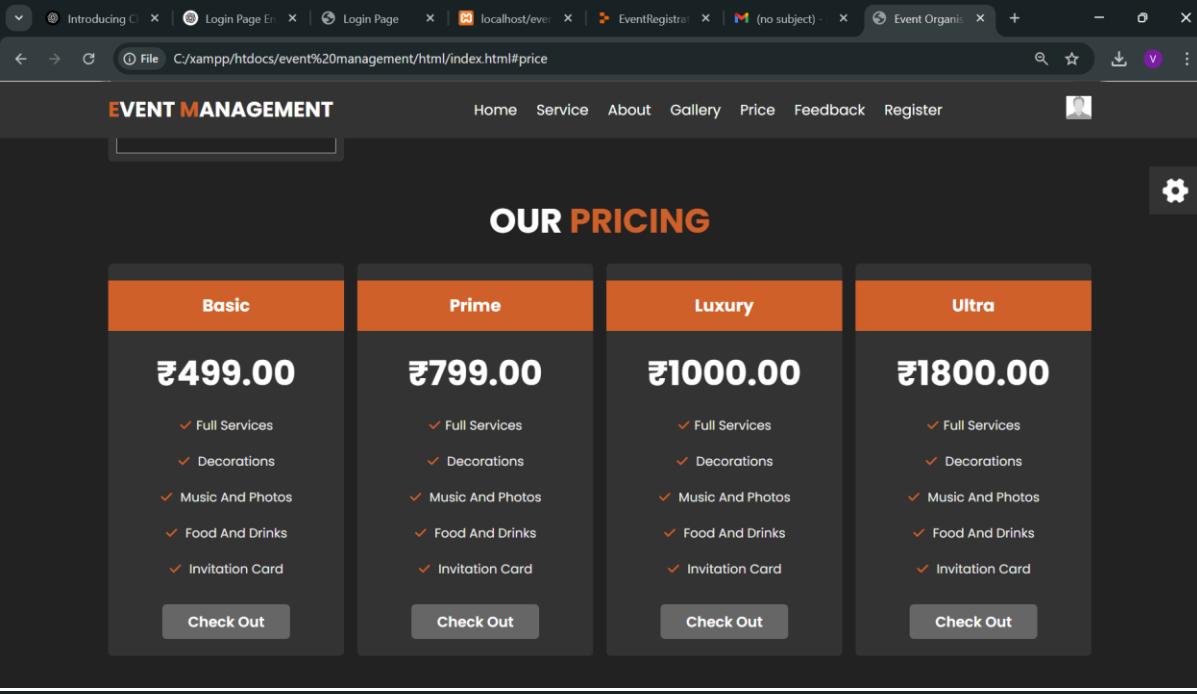
Screen shots.



The screenshot shows the homepage of an event management website. The header features the text "EVENT MANAGEMENT" and a navigation menu with links to Home, Service, About, Gallery, Price, Feedback, and Register. Below the header is a banner with the slogan "WHERE YOUR IDEAS TAKE OFF" and "SELECT YOUR EVENTS". A sub-menu titled "Events" is visible. The main content area displays five images representing different event types: a modern office interior, a group of people at an outdoor event, a couple in traditional attire, two performers in costumes, and a trophy on a stage.

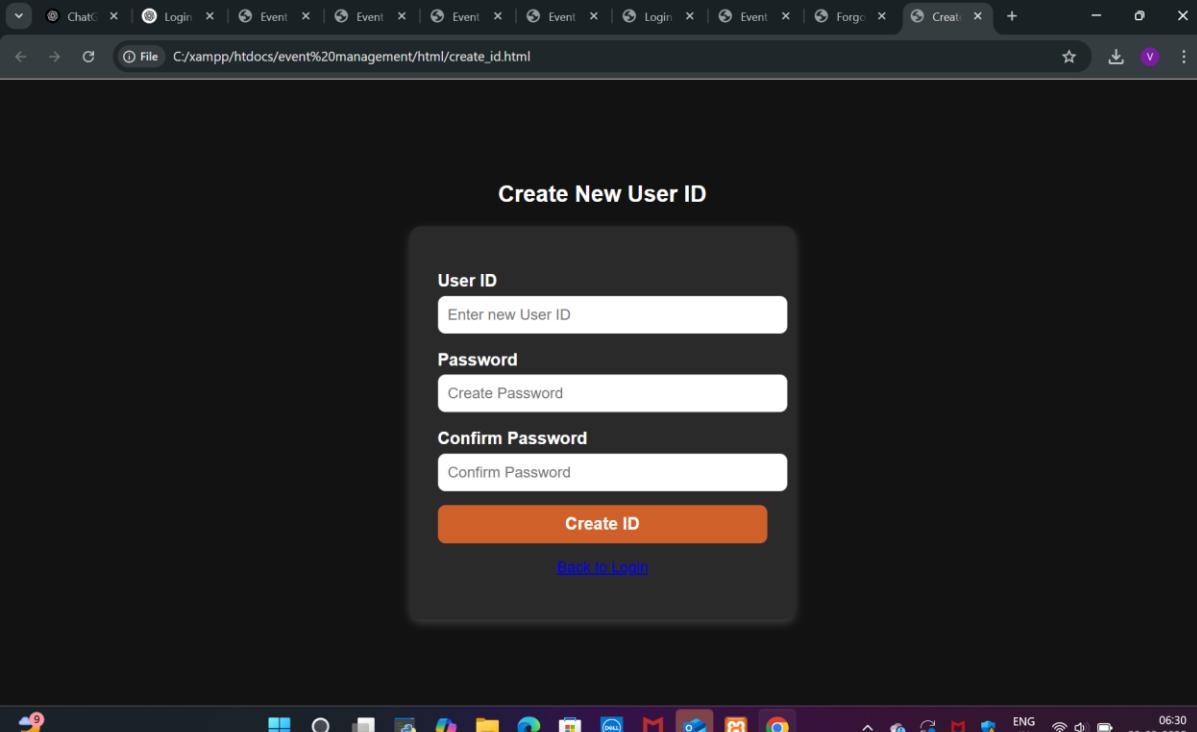


The screenshot shows the login page for the event management system. The title "Event Registration" is at the top. A central modal window is titled "Login". It contains fields for "User ID" and "Password", both with placeholder text ("User ID" and "Password"). Below the fields is an orange "Login" button. At the bottom of the modal, there are links for "Create New ID" and "Forgotten Password?".



The screenshot shows the 'OUR PRICING' section of the Event Management website. It features four pricing plans: Basic, Prime, Luxury, and Ultra. Each plan has a price, a list of included services, and a 'Check Out' button.

Plan	Price	Included Services
Basic	₹499.00	✓ Full Services ✓ Decorations ✓ Music And Photos ✓ Food And Drinks ✓ Invitation Card
Prime	₹799.00	✓ Full Services ✓ Decorations ✓ Music And Photos ✓ Food And Drinks ✓ Invitation Card
Luxury	₹1000.00	✓ Full Services ✓ Decorations ✓ Music And Photos ✓ Food And Drinks ✓ Invitation Card
Ultra	₹1800.00	✓ Full Services ✓ Decorations ✓ Music And Photos ✓ Food And Drinks ✓ Invitation Card



The screenshot shows the 'Create New User ID' page. It contains fields for User ID, Password, and Confirm Password, along with a 'Create ID' button and a 'Back to Login' link.

Create New User ID

User ID

Password

Confirm Password

Create ID

[Back to Login](#)

Create New User ID

User ID

rubi123

Password

....

Confirm Password

....

Create ID

An error occurred.

[Back to Login](#)