EVENT MANAGEMENT

Introduction:

An event management system is an all-in-one software platform designed to aid businesses and organizations in organizing and executing events seamlessly. Whether it's a corporate meeting, a wedding, or a music festival, these systems simplify the entire event planning process, from the initial idea to post-event evaluation. Keeping this in mind we developed an e-commerce web application- Evento Inicios.

At Evento Inicios, our mission is to make event planning effortless and enjoyable. We understand that booking tickets for events can be complex and time-consuming, which is why we've developed an all-in-one solution that covers every aspect of event management. Our goal is to empower you to create unforgettable experiences with ease.

Description:

The ease of booking event tickets online has revolutionized the industry, making it simpler for people to plan their outings in advance and secure their preferred seats. Online ticket booking platforms typically offer a user-friendly interface where attendees can browse events, view showtimes, select event types, and complete transactions effortlessly from their homes or on the go. Event ticket booking entails reserving seats or purchasing tickets for events at various venues. It has become an essential aspect of attending events, providing convenience and flexibility to enthusiasts. With technological advancements, ticket booking has shifted from traditional methods, such as phone reservations, to online platforms and mobile applications.

They often act as comprehensive entertainment hubs, offering trailers, ratings, and recommendations to help users make informed decisions. Some platforms even allow pre-ordering food and beverages, enabling people to bypass lines and enjoy a hassle-free experience.

Whether you're organizing a small workshop or a large-scale conference, Evento Inicios adapts to your needs. Our flexible platform scales to match the size and complexity of your event. Evento Inicios empowers you to create, manage, and execute successful events effortlessly. Say goodbye to the intricacies of event planning and embrace the simplicity of Evento Inicios.

Key Features:

- Allow users to create accounts, log in and authenticate their identity to access the booking system.
- Display a list of available events with details such as title, genre, event date, and showtimes.
- Provide a selection of Events where they are being screened, including their location details.
- Enable users to book tickets.

MODULES USED:

Node.js and npm:

Node.js allows you to run JavaScript on the server side. It is an event- driven, non-blocking I/O model that makes it lightweight and efficient. Node Package Manager comes with Node.js and is used to manage and install packages required for your project.

MongoDB:

MongoDB is a type of database that stores information in a flexible, JSON- like format, which makes it easy to work with different kinds of data. Unlike traditional databases that use tables, MongoDB uses collections and documents, which allows for more flexible and scalable data storage. It's great for handling large amounts of unstructured data and is commonly used in modern web applications.

Express.js:

Express.js is a minimal and flexible Node.js web application framework that provides a robust set of features to develop web and mobile applications. Install Express.js to handle server-side routing, middleware, and API development. Use the command: npm install express Express.js simplifies the process of handling requests, managing sessions, and integrating with various middleware, making it a popular choice for web application development.

React.js:

React is a JavaScript library for building user interfaces, particularly single-page applications where data changes over time. Create React App is an officially supported way to create single-page React applications. It offers a modern build setup with no configuration .React offers features like component-based architecture, virtual DOM, and efficient state management, making it ideal for building dynamic user interfaces.

HTML, CSS, and JavaScript:

In developing a full-stack eCommerce app for event management using React.js, Node.js, Express.js, and MongoDB, HTML, CSS, and JavaScript are integral to building the front-end part of the application. HTML is used to structure the content, with React components written in JSX (JavaScript XML) that transfer to regular HTML at runtime. These components, such as Header, Footer, Product List, and Product Detail, create the foundational layout of the app.

CSS is employed to style these HTML elements, ensuring the application is visually appealing and responsive. Each React component can have its own CSS file for specific styles, while global styles can be applied across the entire application. Additionally, CSS-in-JS techniques can be used for styling directly within JavaScript.

JavaScript is the backbone of client-side interactivity, enabling dynamic content updates, form validations, and event handling. It works seamlessly with React to create a smooth and interactive user experience, from browsing product listings to managing shopping carts and completing purchases. Together, HTML, CSS, and JavaScript form the core technologies that bring the user interface of the eCommerce app to life.

Visual Studio Code:

Visual Studio Code (VS Code) is an indispensable tool for developing applications using the MERN stack (MongoDB, Express.js, React.js, Node.js). It offers a versatile and integrated development environment that supports all stages of development. When building a MERN app, developers use VS Code to write and manage code for each component of the stack. The editor features syntax highlighting, code completion, and error detection for JavaScript, JSX, HTML, and CSS, which enhances productivity and reduces errors.

VS Code's integrated terminal allows developers to run essential commands directly within the editor, such as starting the Node.js server, running MongoDB, and using npx

create-react-app to set up the React front end. Extensions like the MongoDB extension help manage and visualize the database, while the ESLint extension ensures code quality by identifying and fixing common issues. Debugging tools in VS Code are crucial for testing and troubleshooting both server-side and client-side code, with breakpoints and call stacks providing insight into the application's behavior.

Moreover, VS Code's Git integration facilitates version control, enabling developers to track changes, manage branches, and collaborate with team members through platforms like GitHub. The editor's extensive plugin ecosystem, customizable settings, and robust features make it an essential tool for efficiently developing, debugging, and maintaining a MERN stack application.

Functionalities:

User Features:

Users can create and maintain their profiles, including logging in and signing into the website. Users can browse and discover events, view event

details, and register or purchase tickets for events. Users can manage their tickets which includes booking the tickets.

Host Features:

Hosts can create new events, manage event details (such as date, time, and location), and update event information as needed. Hosts can set ticket prices, manage ticket availability, and view and manage attendee registrations.
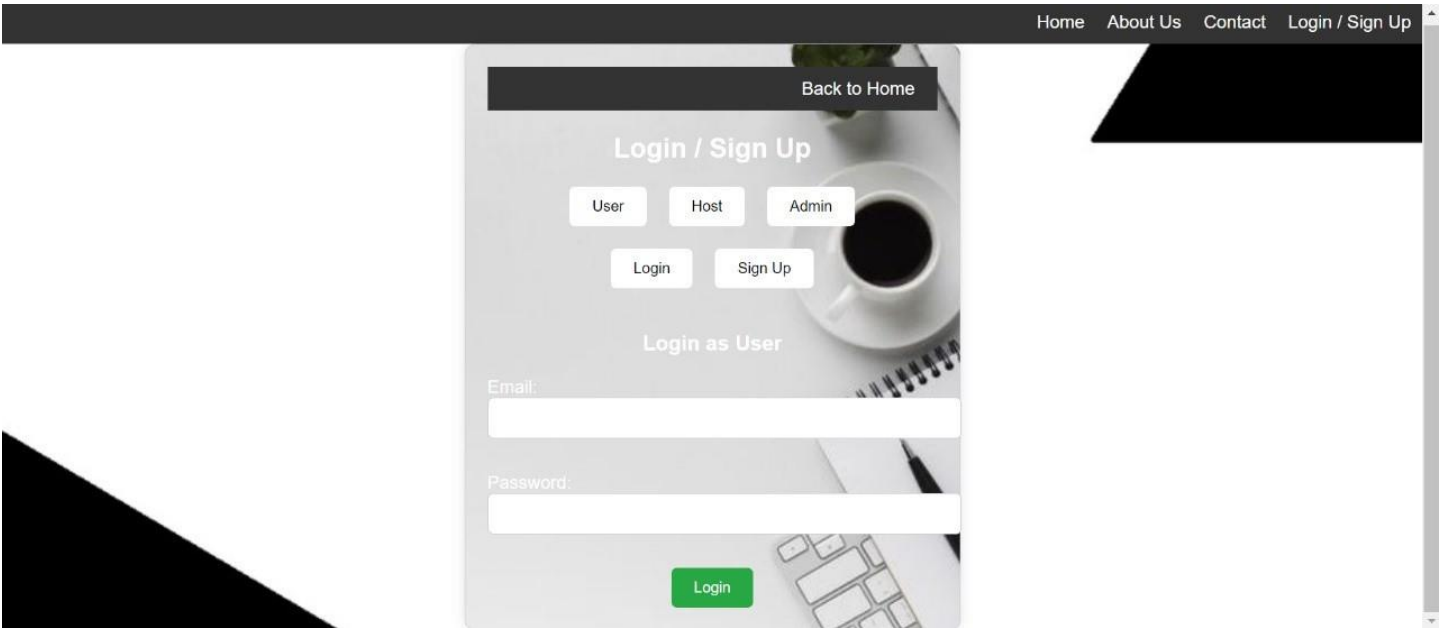
Admin Features:

Admins can manage user and host accounts, including approving new accounts and managing permissions. Admins can manage event content, including reviewing and approving event listings and updates.

Output Images:

Main page:
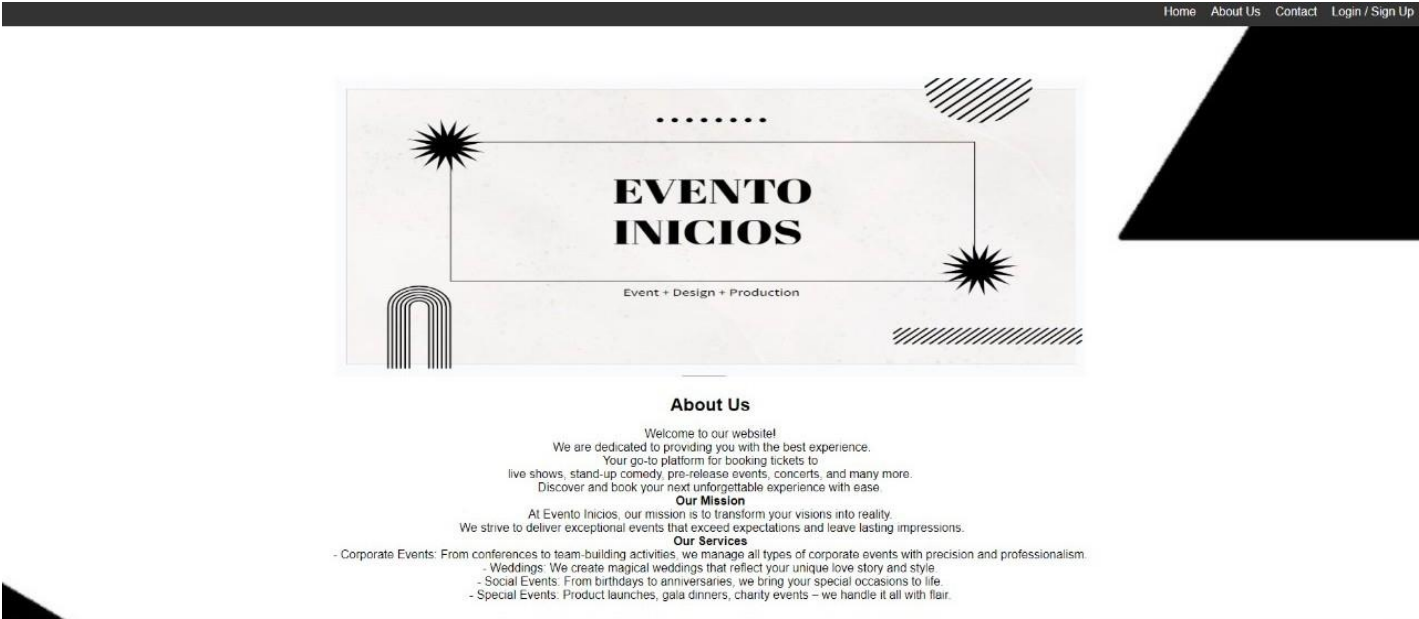
Login / Signup Page:

Event Details Page:

Eras Tour

Date: 2024-06-15

Sixth Concert tour by Taylor Swift

Host: Taylor Swift

Book Tickets

Infusion Live

Date: 2024-06-28

At Halo,Hyderabad

Host: Halo

Book Tickets

StandUp Comedy by Kenny

Date: 2024-06-21

At Aaromale

Host: Aaromale

Book Tickets

Booking Page:

Get ready for an amazing event!

Booking for: Stand-up Comedy

₹1000/person

Standard Entry

- 1 +

Book Tickets

₹1500/person

Standard Entry with Welcome Drink

- 0 +

Book Tickets

₹2500/person

VIP Entry

- 0 +

Book Tickets

₹3000/person

VIP Entry with Reserved Seating

- 0 +

Book Tickets

₹5000/person

Gold Entry

- 0 +

Book Tickets

₹10000/person

Gold Entry with Backstage Access

- 0 +

Book Tickets

Payment Page:

Payment Summary

Tickets Selected: 1

Price per Ticket: ₹1000

GST (3%): ₹30.00

Total Amount: ₹1030.00

Proceed to Payment

Proceed To Payment Page:

Payment Details

Card Type:

Debit Card

Card Holder Name:

Steve Smith

Expiry Date:

12   /   26

CVV:

...

Make Payment

Payment Success Page:

Payment Success

Your payment was processed successfully!

Event Creation Page:

Create a New Event

Event Name:

Cricket match

Event Date:

13-07-2024

Event Description:

India vs Pakistan

Organization Host:

BCCI

Event Image:

Choose File No file chosen
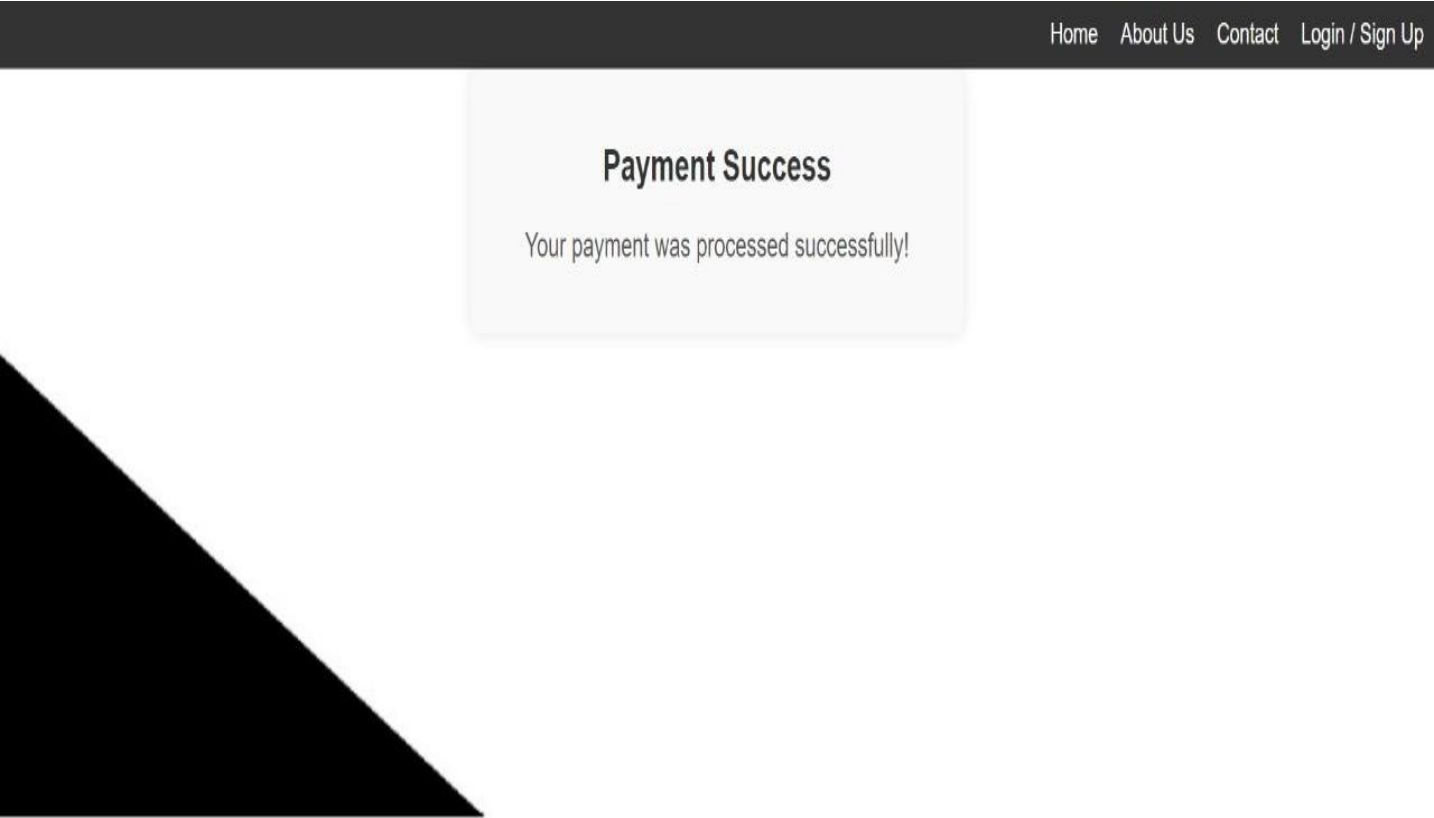
Create Event
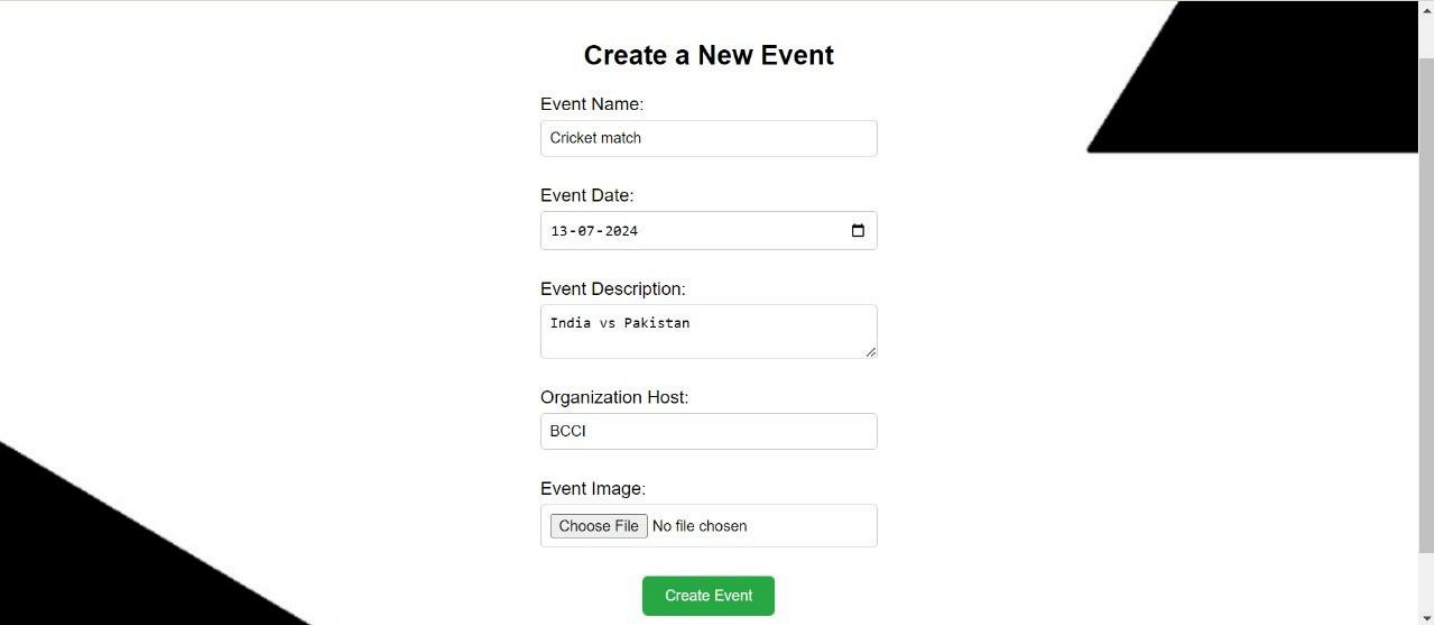
Delete Event Page:

Delete Event

Pre-Release Event   **Delete Event**   **Go Back**

Event deleted successfully!
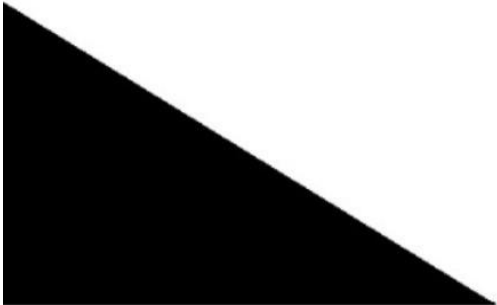
Admin Page:

Events for Host

BCCI   Search

IPL Match-SRH vs RCB

Date: 2024-06-20

Description: At Chinnaswamy Stadium,Bengaluru

Host: BCCI