**PROJECT TITLE:** Eventsbag

**PROJECT DESCRIPTION:** Design and develop a global event management and ticketing platform. The Key Features would be are:

**Admin Features**

* Overview of active events, ticket sales, and user activity.
* Create, edit, and delete events.
* Set event details (date, time, location, description).
* Manage event visibility (public/private, ticket availability).
* Create different ticket types (general admission, VIP, etc.).
* Set pricing, discounts, and promotional codes.
* Manage ticket inventory and capacity limits.
* View and manage user profiles (attendees, organizers).
* Configure payment gateways
* Manage refunds and cancellations.
* Generate reports on ticket sales, revenue, and attendance.
* Integrate a support ticket system for user inquiries.
* Manage website content (blogs, FAQs, terms and conditions).
* Update event-related content dynamically.

**Organizers Features**

* Ability to create and manage event by adding event details (title, date, time, location, description).
* Ability to create various ticket types (general admission, VIP, early bird, etc.) with different pricing.
* Access to live data on ticket sales, revenue, and attendance numbers.
* Generate detailed reports for sales over specific periods or for individual events.
* Automated confirmation emails, reminders, and updates to ticket buyers.
* Ability to send messages or updates directly to attendees.
* Easy sharing options to promote events on social media platforms.
* Create referral links or affiliate programs for users to promote events.
* View and manage attendee lists, including check-in capabilities.
* Check-In and Scanning QR code scanning for ticket verification.

**Users (attendees) Features**

* Simple registration via email or social media accounts.
* Ability to create and manage personal profiles with preferences, saved events, and purchase history.
* Search for events by keywords, location, date, or category.
* Filter events by type, price range, popularity, or date, and sort results accordingly.
* Access detailed information about events, including descriptions, schedules, venues, and organizers.
* Multiple payment methods, including credit/debit cards and other digital wallets.
* Share event details with friends and family via social media or messaging apps.
* Receive updates, reminders, and important information about events.
* Communicate with event organizers or other attendees through the platform.
* Use mobile devices to access digital tickets for quick entry.
* Ability to check in to events via QR code scanning.
* Submit reviews and ratings for events attended.
* Access a comprehensive help section for common questions and issues.
* Easy way to contact support for assistance with ticketing or event issues.

**PROJECT START DATE:** 10th October, 2024

**PROJECT ESTIMATED END DATE:** 10 December, 2024

**PROJECT TECHNOLOGY:**

* Front-End: ReactJs
* Backend: Django (Python)
* Database: PostGre

PROJECT OFFICIAL COLOR(S):

PROJECT TIMELINE: Below is a timeline for each phase

**Phase 1:** Design & Front-end Development

Duration: Weeks 1- 3

Activities:

* Wireframe key pages (homepage, event pages, user dashboards).
* Implement designs using HTML, CSS, and ReactJs.
* Develop responsive layouts for various devices.

**Phase 2:** Back-end Development (Weeks 15-20):

Duration: Weeks 4- 6

* Set up server environment and databases PostgreSQL.
* Develop APIs for event management, user authentication, and payment processing.
* Implement security measures (SSL, data encryption).

**Phase 3:** Testing

Duration: Weeks 7-9

Activities:

* Conduct unit tests and integration tests.
* Perform user acceptance testing (UAT) with real users.
* Fix bugs and refine functionality based on feedback.
* Conduct performance testing and optimize loading speeds.

**Phase 4:** Deployment

Duration: Week 10

Activities:

* Set up production server and domain.
* Deploy the application with a CI/CD pipeline.
* Monitor the deployment for issues.
* Prepare marketing strategies for launch.

**Phase 5:** Project Submission (Week 11)