

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)