Vivekanand Education Society's
Institute of Technology
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EventTrack : Flutter Project

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Introduction to Project

EventTrack is a Flutter based mobile app to find nearby events, register and manage their events. Designed for both attendees and event organizers, EventTrack provides a complete suite of features for everyone.

Problem Statement

The Challenge:

- Managing events manually is time-consuming and error-prone.
- No streamlined method for users to find and RSVP to relevant events.
- Organizers struggle with real-time updates and participant tracking.
- Existing tools often require a desktop interface or are not user-friendly on mobile.

Problem Statement

Key Issues Identified:

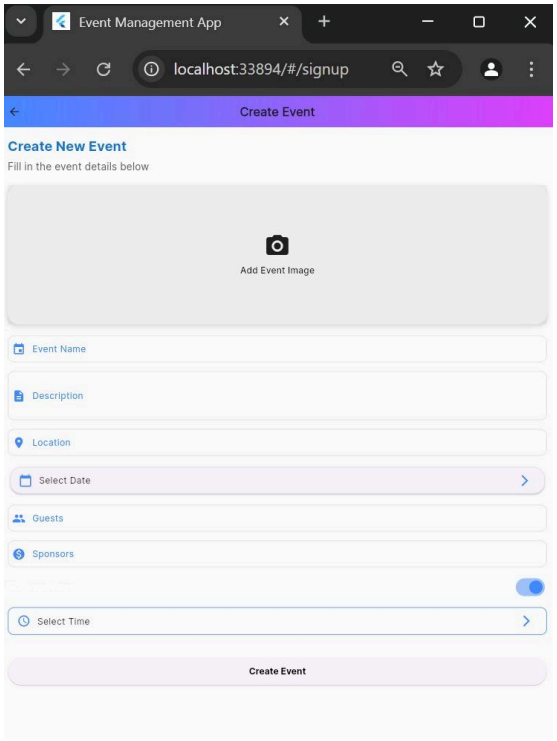
- Lack of centralized event data.
- No cross-platform real-time interaction.
- Inefficient participant management system.

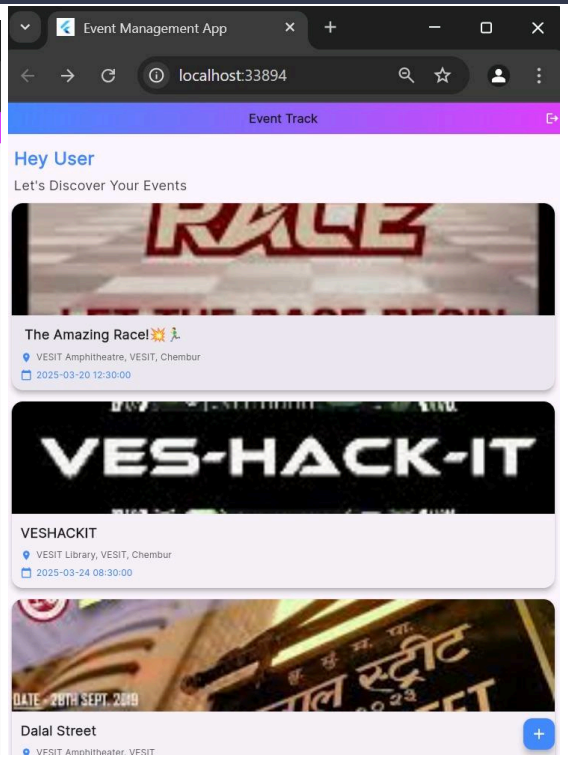
Implementation

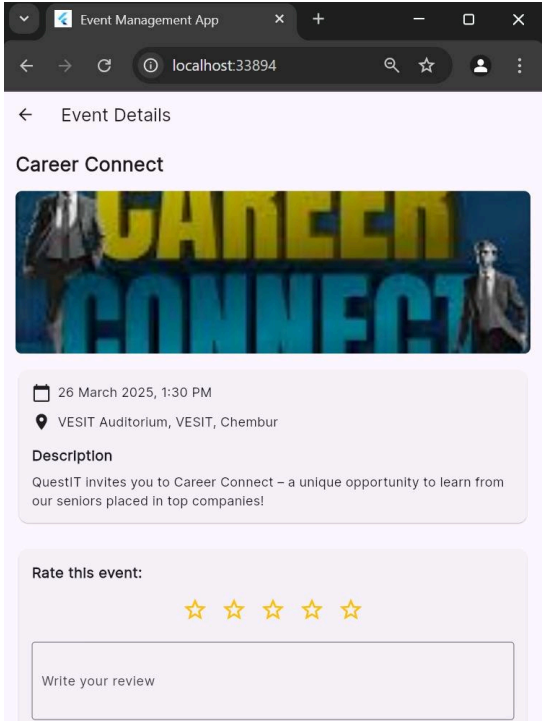
Introducing EventEase:

- A full-featured **Flutter application** with **Firebase backend** for real-time database operations and authentication.
- Helps both **organizers** and **attendees** manage and participate in events.
- Previously Google form but now no need for that.

Implementation







Implementation

Core Objectives:

- Allow users to create, edit, and delete events effortlessly.
- Provide a clean and intuitive interface for RSVP and event discovery.
- Secure user authentication and session management using Firebase Auth.
- Enable personalized experience via user profiles and dashboards.

Future Scope

Proposed Improvements:

✅ Push Notifications:
Alert users about upcoming events and RSVP confirmations.

🗺️ Google Maps Integration:
Display event locations visually and offer directions.

💬 In-app Messaging:
Real-time chat between event organizers and attendees.

🗓️ Calendar Sync:
Allow users to sync RSVPed events with Google Calendar or iOS Calendar.

⭐ Event Rating & Feedback:
Users can rate past events and provide reviews.

Conclusion

EventEase: Your Smart Event Companion

- EventEase delivers a complete event management experience built with Flutter and powered by Firebase.
- It simplifies the way users create, discover, manage, and participate in events.
- From secure user authentication to real-time RSVP tracking, it offers a mobile-first solution tailored for today's dynamic event culture.
- The modular design, clean UI, and future-ready roadmap make it a scalable platform for broader adoption.
- With planned enhancements like push notifications, chat integration, and location services, EventEase is poised to grow into a comprehensive event ecosystem.