

The background features decorative floral and leaf motifs in various shades of brown and tan, positioned in the corners and along the edges of the slide.

GROUP PROJECT

Presented by Tech Troopers

Github Repository - <https://github.com/Rahaman146/Testproject>



PROBLEM

Let's be honest — most of us miss out on college events just because we didn't hear about them on time or forgot they were happening. Details get lost in random group chats, posters, or announcements we don't even see. On the other side, clubs and fests struggle to spread the word and keep students in the loop. There's clearly a need for one place where everything's organized, easy to find, and super student-friendly.

And we have exactly the right thing for you....






EVENTRIX

Eventrix is a platform that brings together all campus event information in one place, making it easy for students to explore, subscribe, and stay up-to-date on activities. Each club, council, and fest has its own page, displaying important details like upcoming events, descriptions, and coordinator info.

For admins, managing events is simple—creating, updating, and deleting events is done with ease. Eventrix solves the issue of scattered event information by centralizing everything, ensuring students receive timely reminders and never miss out on events they care about.



FEATURES

- **User Authentication** : Secure login and role-based access for students and admins.
- **Database** : A system to store event details, user profiles, and subscriptions.
- **Event Management** : Tools for admins to manage events, and for students to subscribe and receive reminders.
- **Notifications** : Email system to send timely reminders 30 minutes before events.
- **Responsive UI** : A user-friendly design for both desktop and mobile.
- **Scalability** : Ability to handle increasing users and data as the platform grows.



TECH STACK

Frontend

EventriX uses React.js for a dynamic single-page experience, with components for modular design. Tailwind CSS ensures responsive and clean UI styling. React Router enables seamless navigation, while optimizations like lazy loading and state management boost performance.

Backend

Built with Node.js and Express.js, the backend follows an MVC architecture. It features JWT-based authentication, role-based access, and modular routes/controllers. Middleware handles tasks like error logging and validation for secure and scalable operations.

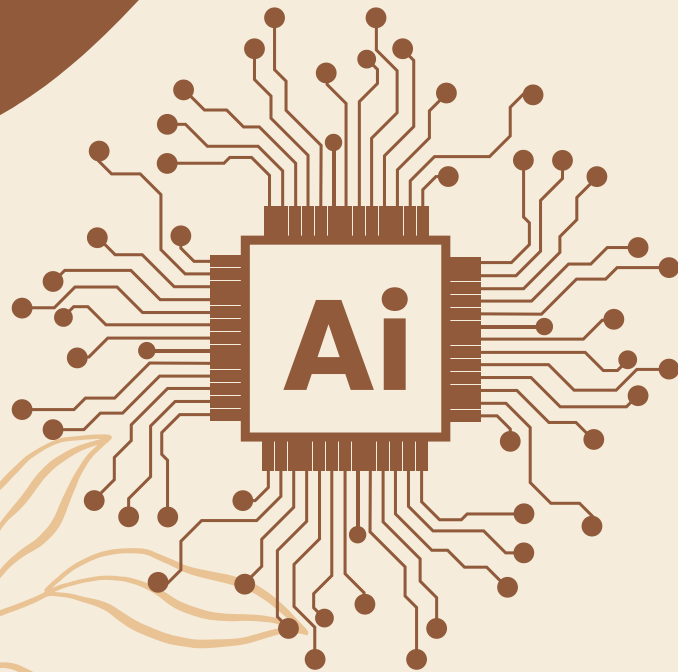
Databasing

MongoDB stores user, event, and club data in a flexible, document-based format. Mongoose manages schemas. Cloudinary is used for storing and optimizing event images, ensuring fast and reliable media access.



DEMO TIME

FUTURE PLANS




- Event Feedback & Rating System:
 - Collect post-event feedback
 - Improve future event planning
- Monetization & Payment Integration
- Bhim/ Razorpay Integration for:
 - Paid events and workshops
 - Merchandise purchases
- Merchandise Module
- Clubs can list, sell, and manage merchandise.
- AI-Based Event Suggestions based on user interests and past participation.



LESSON LEARNT FROM THE PROJECT

Through this project, we learned the importance of **team coordination**, **clear communication**, and **effective task division**. Collaborating across frontend, backend, and database teams helped us understand how crucial planning and regular sync-ups are. We also realized the value of writing clean, modular code and the challenges of integrating multiple components smoothly. Most importantly, we saw how **continuous feedback** and iteration lead to a better, more user-friendly product.



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OUR TEAM

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THANK
YOU