

Team No. 11

Student Outreach & Application Tracking System

**AI Innovation for Seamless Outreach
&
STEM Empowerment**



Problem Statement

- **Current Challenges**

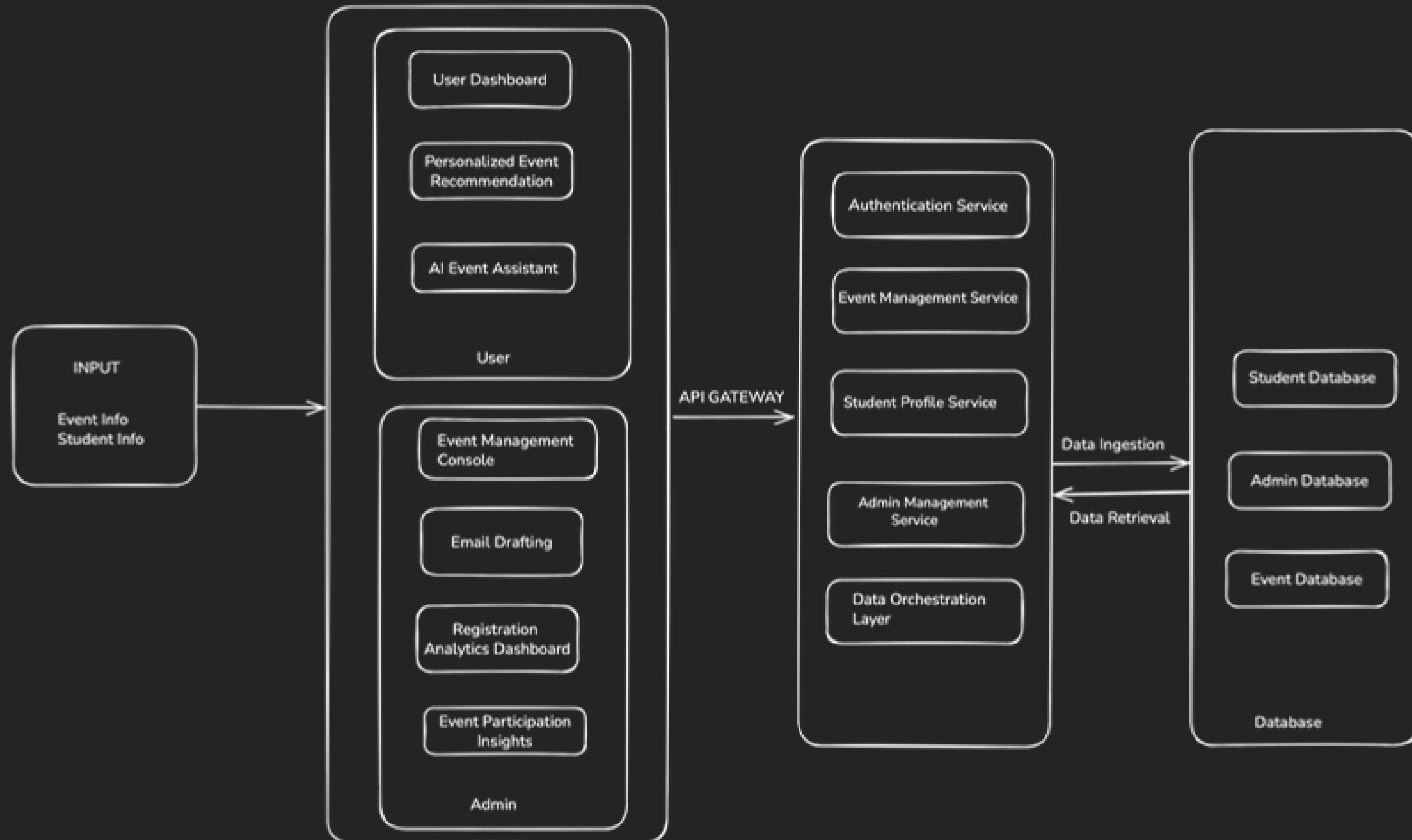
- Manual Data Collection is time-consuming, error-prone, not scalable
- **Unable** link student interest to specific events
- Progression from interested registered → applied, is unmonitored
- Scattered data, no centralized tracking

- **Business Impact**

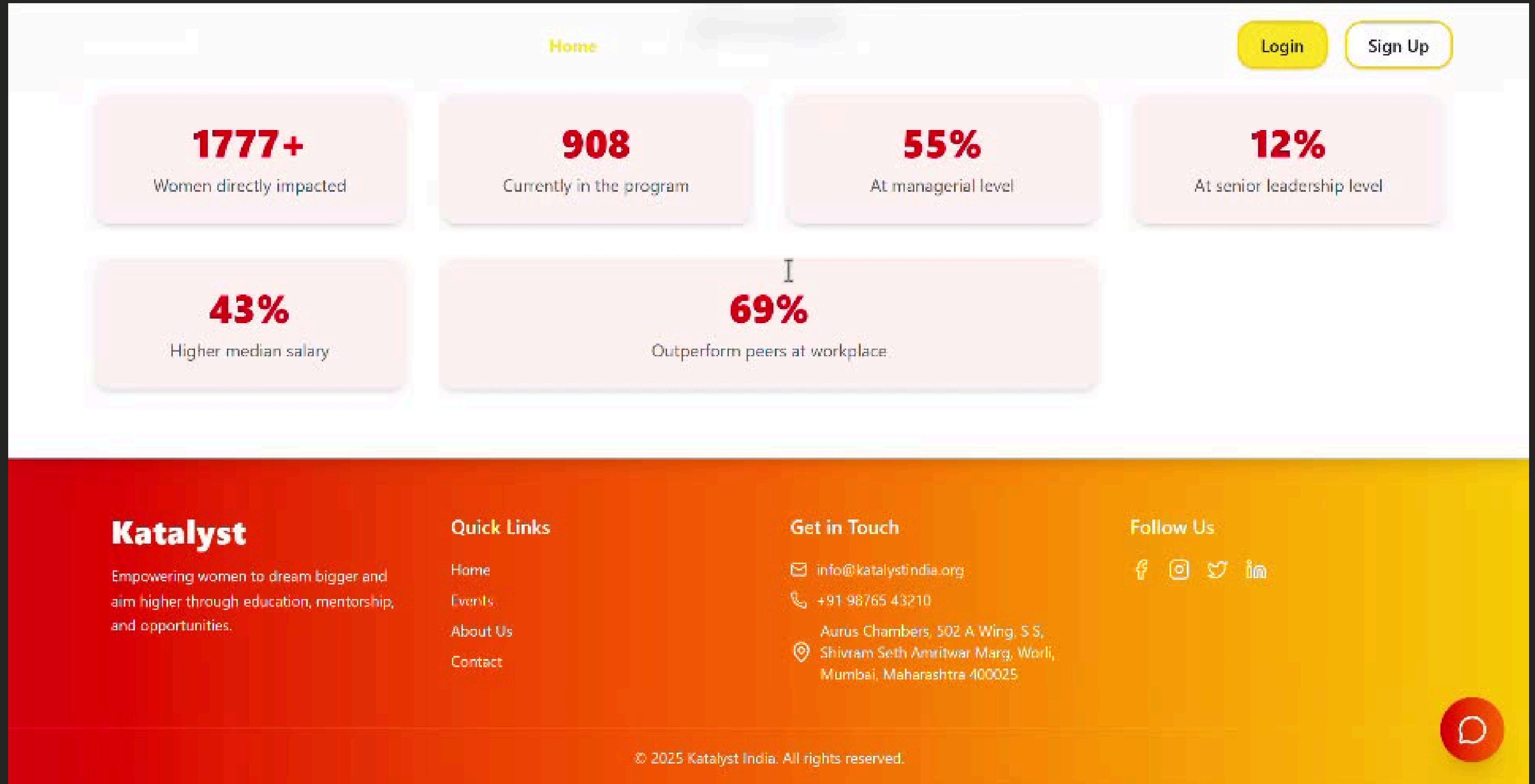
- Missed opportunities to nurture high-potential STEM candidates.
- Reduced scalability of outreach across multiple colleges.
- Compromised decision-making due to delayed and inaccurate insights.



Solution Work Flow



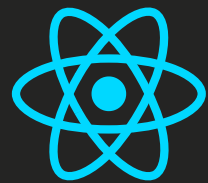
Demo/Prototype



Technology Stack



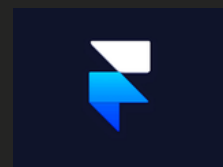
Frontend



React



Tailwind CSS



Framer



Backend



NodeJs



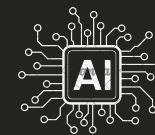
Javascript



Database



MongoDB



AI



Groq API

FAISS

RAG



FUTURE SCOPE



Business/System Growth

- Entire Multilingual System for inclusivity
- Advanced Data Security
- Scalability for outreach expansion across multiple colleges.



AI Innovation

- AI-Powered and voice-enabled Chatbot Expansion
- AI-Powered Chatbot Expansion
- AI-Driven Personalization & Insights
- AI-powered CRM, LMS & WhatsApp/SMS integration for scalable outreach.



User Experience

- Gamification for Engagement (badges, certificates for participation)
- Personalized student profiles to track history, progress, and upcoming events.



Collaboration & Outreach

- Integration with external platforms (LinkedIn, Google Calendar) for event visibility.
- Alumni and mentor tracking for long-term impact measurement.



Q&A

