Student Outreach and Event Management System
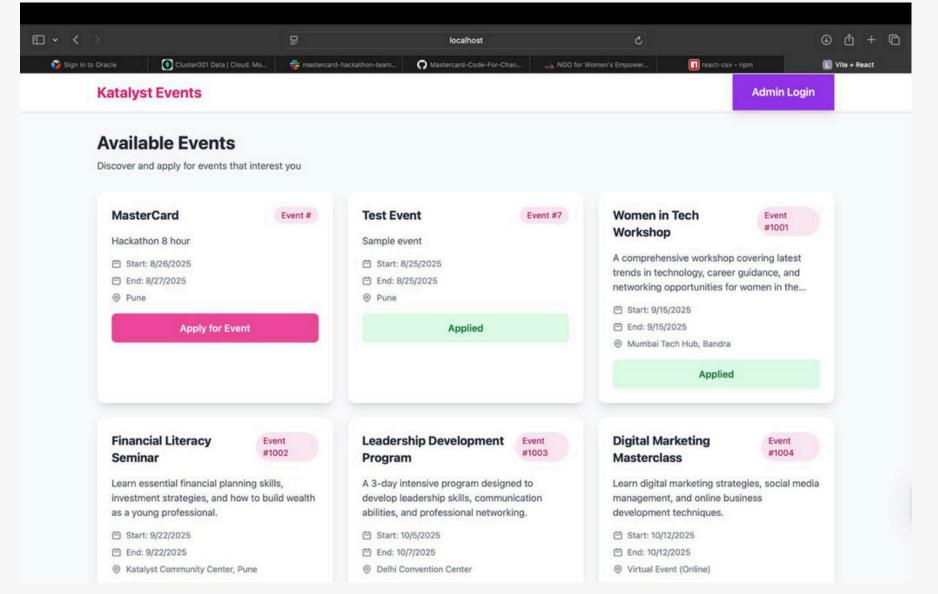
Team 23

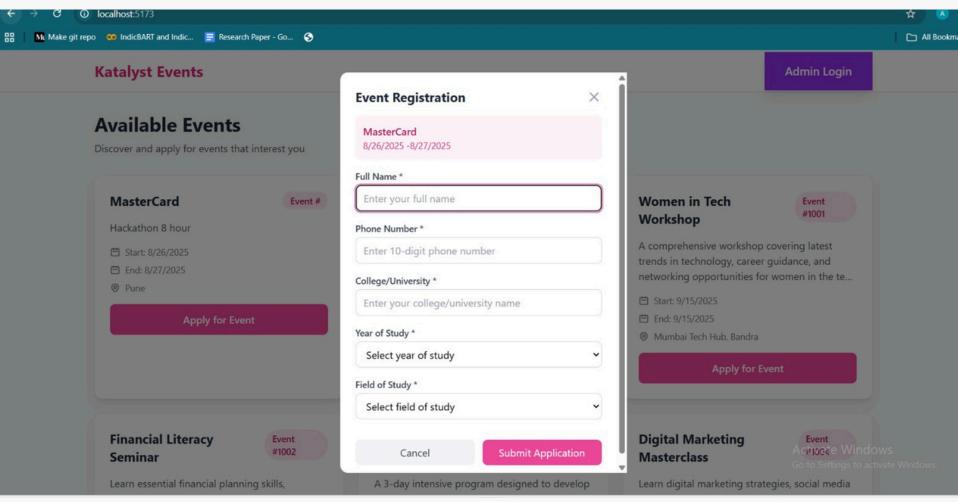For Katalyst

Problem Statement

- Students feel lost and disconnected in the process.
- Katalyst struggles to see which events truly work.
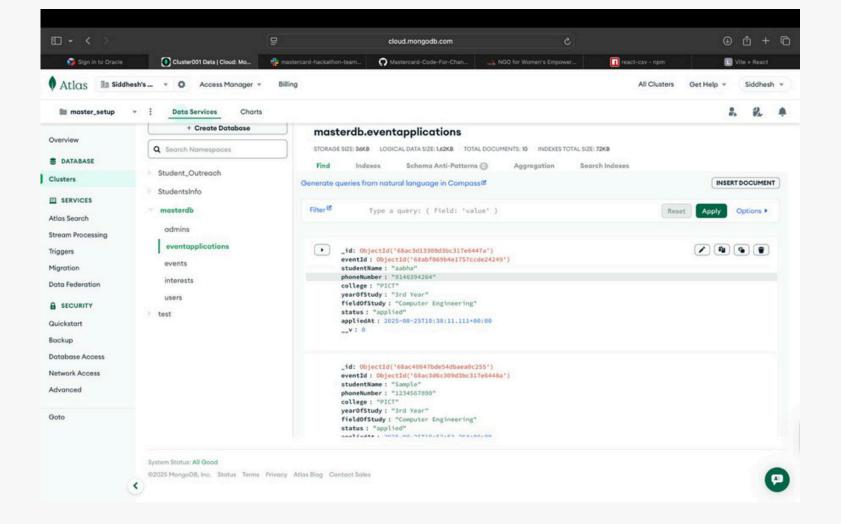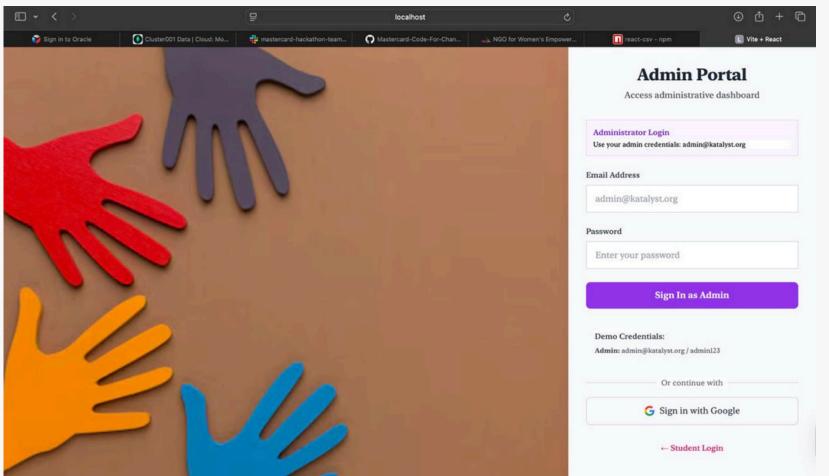- Together, this weakens the impact of its STEM mission.
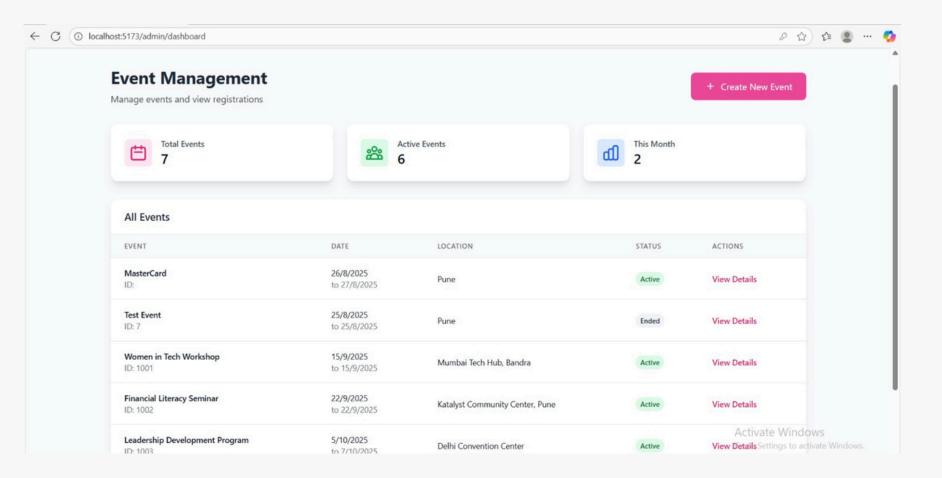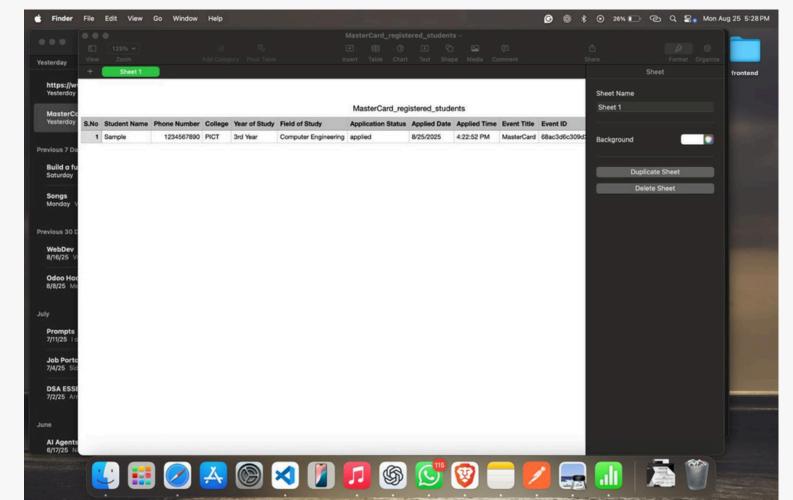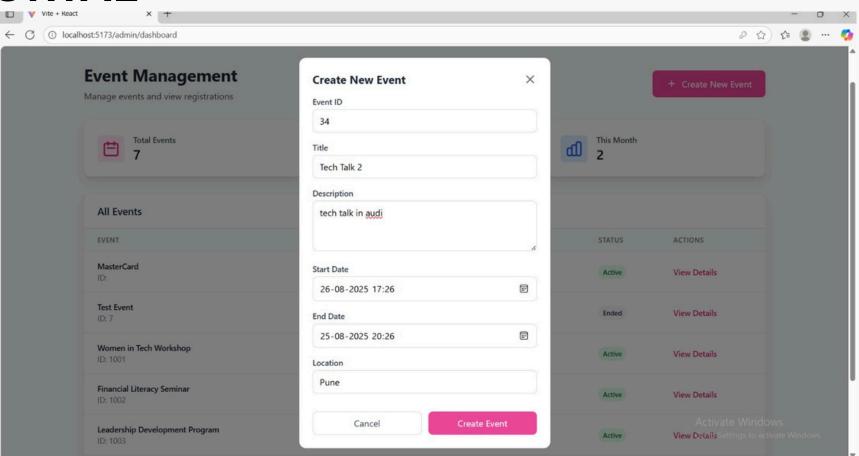
Demo/Prototype

STUDENT PORTAL

ADMIN PORTAL

Solution Overview:

Event Discovery

Students view upcoming outreach events

Event Status Tracking

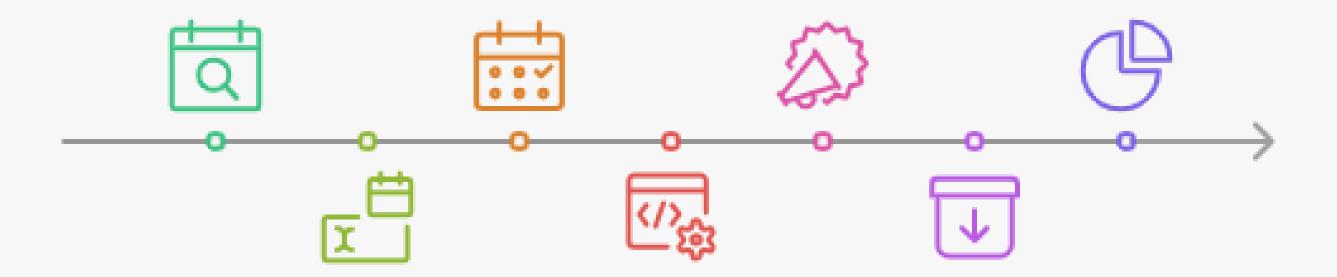Status updates in admin panel when student register or show interest

Event Management

Admins create and update outreach events

Status Updating

Admins updates the status after event completion

Event Registration / Interest

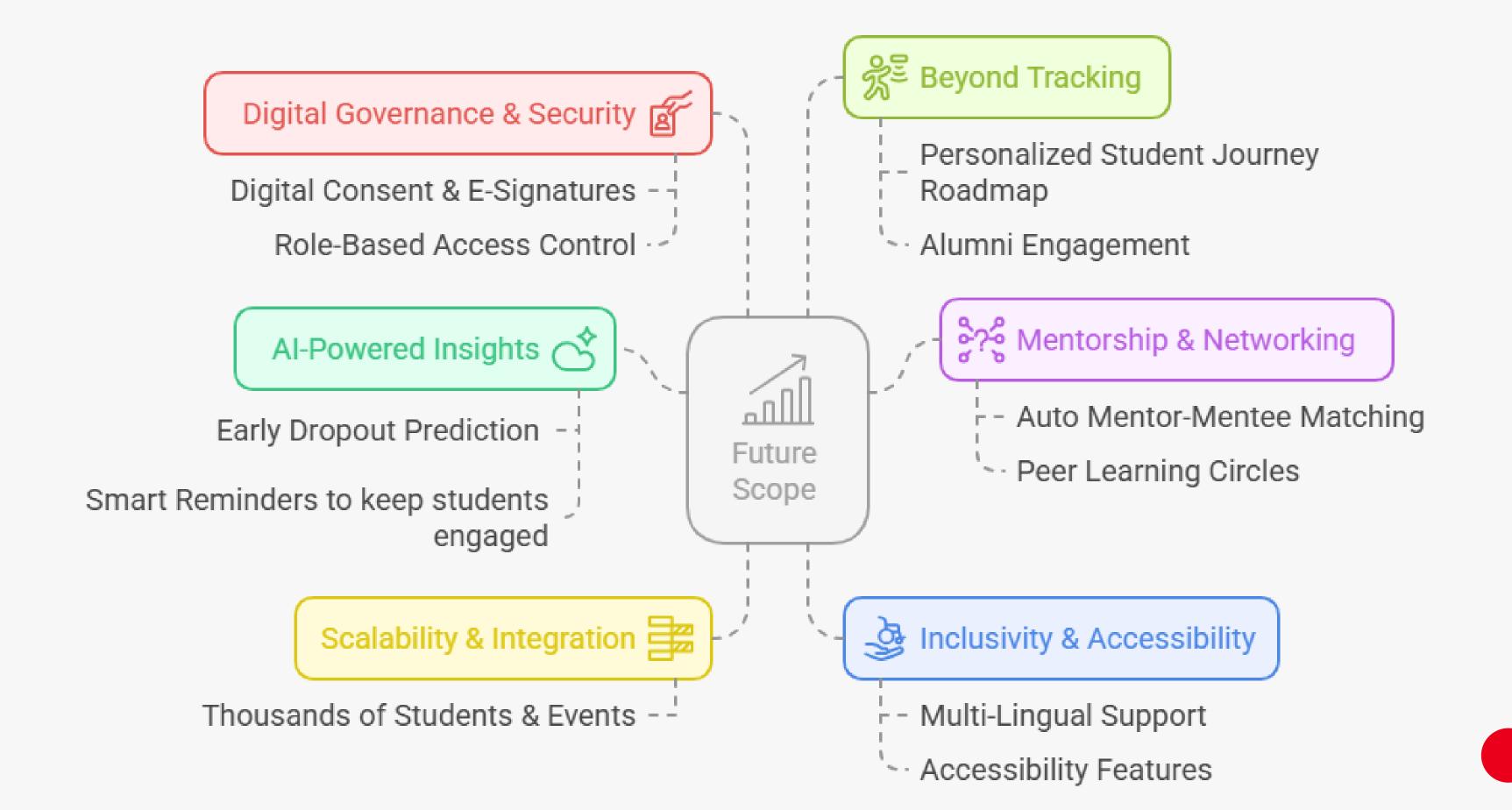Students can register for chosen events or show their interest.

Admin Login

Admins log in to manage the system

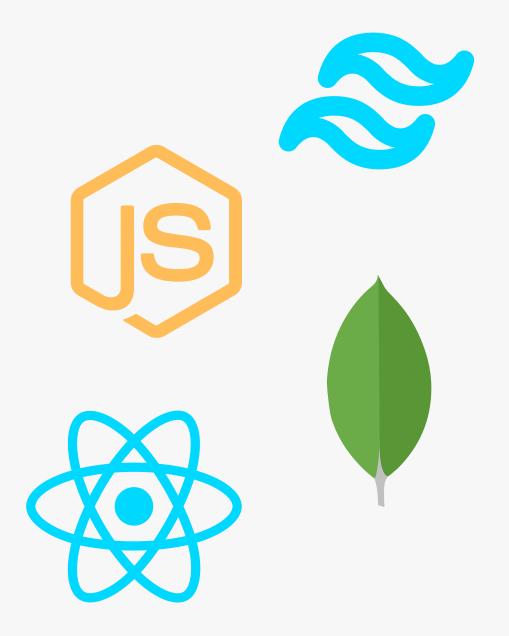**Report**

Admins view leads event wise and can export CSV file

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Future Scope of Student Outreach & Application Tracking System

Digital Governance & Security

Digital Consent & E-Signatures

Role-Based Access Control

Beyond Tracking

Personalized Student Journey Roadmap

Alumni Engagement

AI-Powered Insights

Early Dropout Prediction

Smart Reminders to keep students engaged

Future Scope

Mentorship & Networking

Auto Mentor-Mentee Matching

Peer Learning Circles

Scalability & Integration

Thousands of Students & Events

Inclusivity & Accessibility

Multi-Lingual Support

Accessibility Features

Technology Stack

- React.js → Built a clean, responsive student & admin interface.

- Node.js + Express → Handled backend APIs & event management logic.

- MongoDB → Stored Student data, Admin data ,Event Data ,Received Applications with timestamps for easy tracking.

- Tailwind CSS → Designed a modern, mobile-friendly UI.

GitHub Repository Link

Q&A