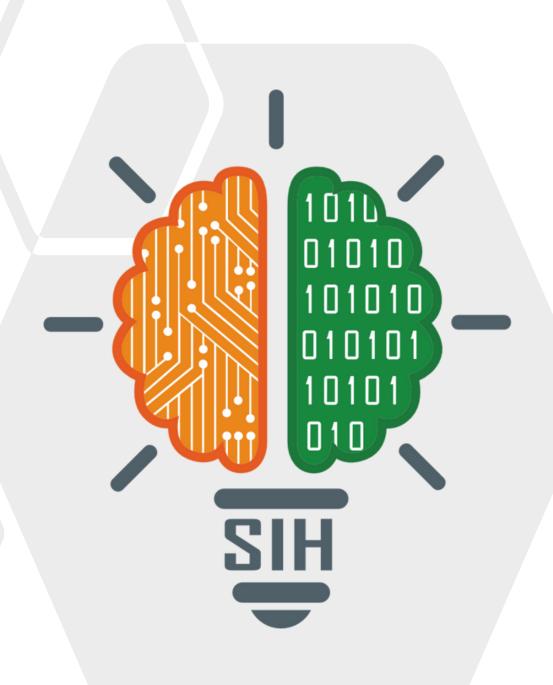
SMART INDIA HACKATHON 2025



- Problem Statement ID SIH25017
- Problem Statement Title Digital Platform for Centralized Alumni Data Management and Engagement
- Theme Smart Education
- PS Category Software
- Team ID 62321
- Team Name SAIYOG





LegacyLink

A Complete Alumni Management System



Proposed Solution

- ➤ Centralization → A single, organized platform to store, manage, and update alumni data seamlessly.
- ➤ Affordability → Cost-effective solution designed for Indian institutions compared to costly global platforms.
- ➤ Mentorship → Structured system for alumni to guide students in careers, skills, and opportunities.
- ➤ **Networking** → Smooth and easy way for students and alumni to connect, collaborate, and grow together.
- ➤ Engagement → Tools for events, webinars, and reunions to keep alumni actively connected.
- ➤ Analytics → Smart dashboards for admins to track alumni progress, event success, and overall engagement.

Alumni Engagement Cycle





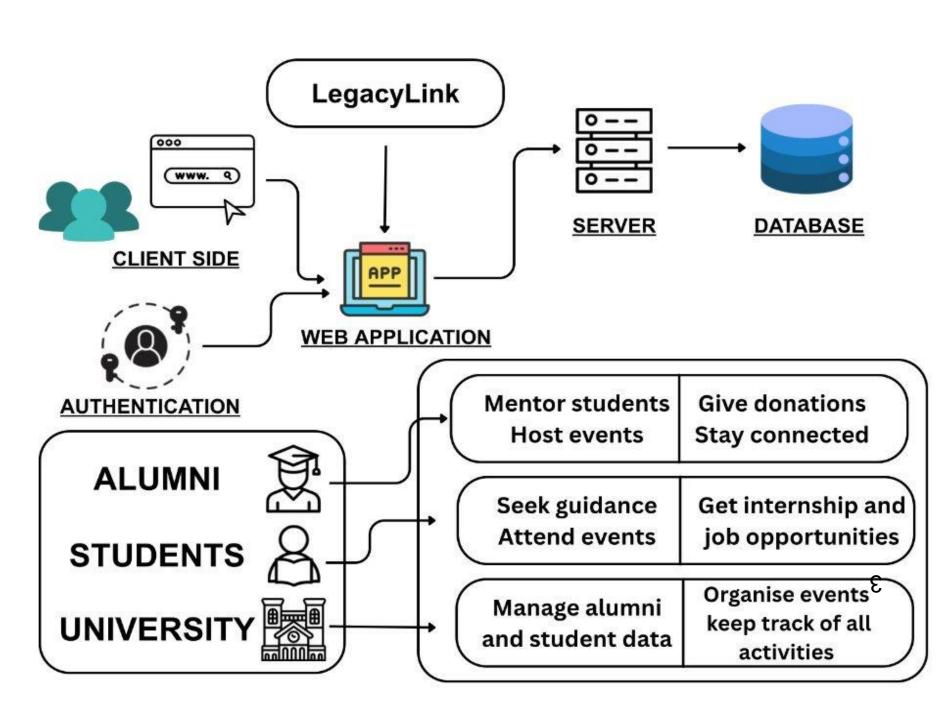
TECHNICAL APPROACH



Technology Stack

- **Frontend**: React Js, React Native, Tailwind CSS, React recharts, Framer-motion.
- **Backend**: Node Js, Express Js, Flask, REST API, MongoDB, Socket.io.
- Al and ML: Langchain, Gemini 2.5 flash Model.
- **API Services**: Linkedin API, Github API, Auth0, Cloudinary, Gmail, Rayzor Pay.
- Cloud and Deployment: Amazon AWS, Render, Google Workspace.





PROTOTYPE LINK



FEASIBILITY AND VIABILITY



SOLUTIONS

Mitigated through secure verification and encryption, engagement campaigns with gamification, and automated updates with regular support.

CHALLENGES

Main risks include data privacy issues, limited alumni adoption, and ongoing maintenance requirements.

FEASIBILITY

Built with LinkedIn API, cloud technology, and React/Node, the platform is cost-effective and integrates smoothly with university databases.

FEASIBILITY AND VIABILITY ANALYSIS

USE CASES

Supports alumni mentorship, student networking, event management, and admin dashboards for tracking engagement and career growth.

VIABILITY

An affordable subscription model provides recurring revenue and sustainability, while localized features like UPI and mentorship encourage adoption.

BUSINESS POTENTIAL

With 40,000+ Indian colleges, the market is vast. The solution can scale to schools, corporates, and global markets, with partnership opportunities in edtech and recruitment.



IMPACT AND BENEFITS



POTENTIAL IMPACTS

SOLUTION BENEFITS

01 (

ALUMNI

Stay connected, mentor students and give back easily



11

CENTRALIZED DATA

Easy access to updated alumni records.



)2

STUDENTS

Gain guidance, internships and mentor students



2

STRONGER CONNECTIONS

Smooth connection between all parties



3

INSTITUTIONS

Build credibility and strengthen the community



03

INSTITUTIONAL GROWTH

Better reputation and long term relations



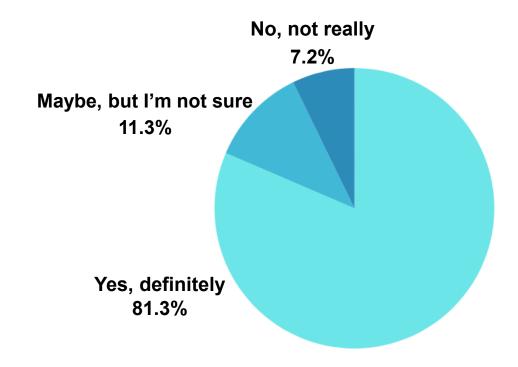


RESEARCH AND REFERENCES



- 1. Design and Implementation of an Alumni Management System Source
- 2. Centralized Alumni Management System (CAMS) A Prototype Proposal Source
- 3. Top alumni engagement platforms: Graduway vs Almabase vs Hivebrite <u>Source</u>

Do you think your college should have a centralized alumni platform?



Comparision with Existing Systems

Feature	LegacyLink	AlmaConnect	Graduway	Hivebrite
Job Portal	/		/	
Networking Hub	/		/	
Alumni Directory	/		/	
Donation Portal	/		X	
Events and Reunions Management				
Gamification and Rewards		X	/	X
Al Driven Network Assistant		X	X	X