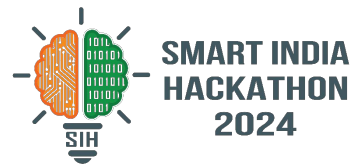
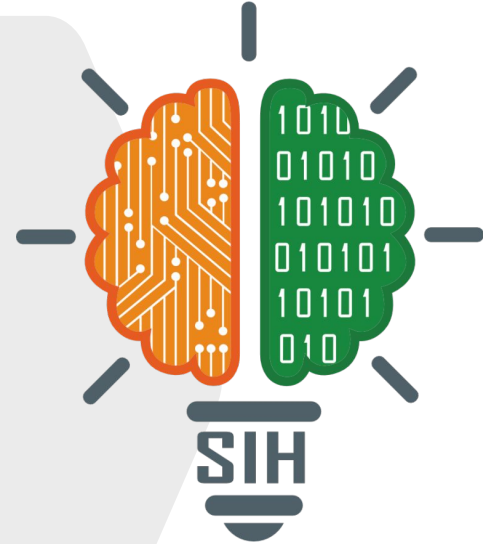


SMART INDIA HACKATHON 2024



TITLE PAGE

- Problem Statement ID – 1633
- Problem Statement Title- Intelligent platform to Interconnect Alumni and Student for Technical Education Department, Govt. of Rajasthan
- Theme- Center for Electronic Governance
- PS Category- Software
- Team ID-
- Team Name - Error 404

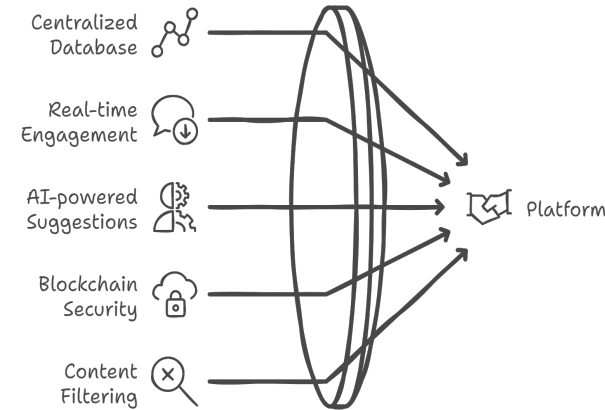


Alumni Student Interaction Platform

A **centralized alumni-student interaction platform** where alumni and students can connect for mentorship, career guidance, collaboration and placement opportunities.

Key Features :

- Centralized alumni database for profile management.
- Real-time engagement via chat, discussion forums, and webinars.
- AI-based suggestions for student-alumni matches.
- Security features like blockchain for verification.
- Content filtering for preventing harmful content.



Innovation and Uniqueness :

- **Fraud Prevention with Blockchain:** verifies **alumni profiles** and **ensures authenticity** to preventing from fraudulent activities.
- **Content Filtering:** AI-powered system to **detect and filter inappropriate or harmful content** in discussions forums, comments, and user profiles.

Technologies to be used:

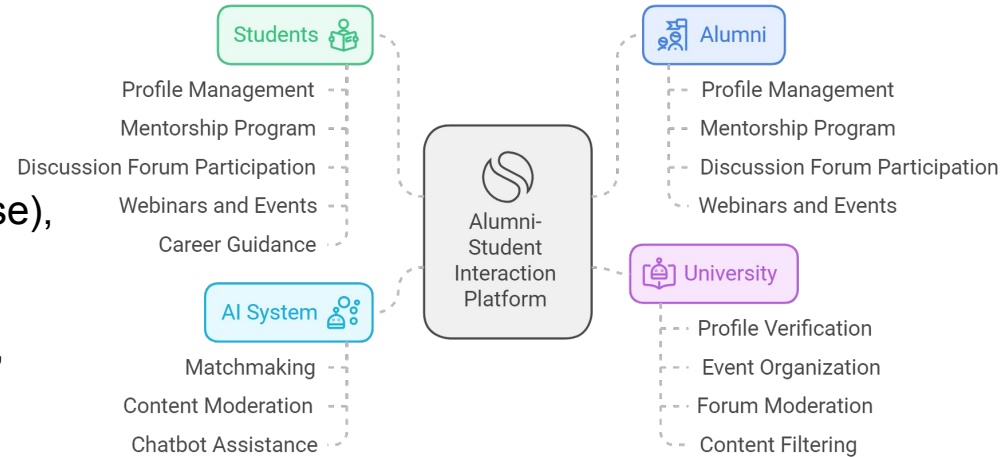
Frontend: Flutterflow for app development

Backend: Firebase (Backend as a Service)

Database: Firebase's Firestore (NoSQL database),
Storage (for storing files)

APIs: Google Gemini API (for AI-driven chatbot),
Google Cloud AI (for connection and feeds
recommendations)

Blockchain: For preventing from fraudulent
activities



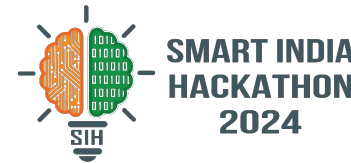
POTENTIAL CHALLENGES :

- Getting alumni to participate and engage.
- Maintaining real-time performance and scalability with a large user base.
- Ensuring blockchain security and preventing fake profiles.
- Detecting and filtering inappropriate or harmful content.

STRATEGIES TO OVERCOME :

- Through rewards, recognition programs, and event invitations.
- Use cloud infrastructure to handle large-scale user engagement.
- Leverage blockchain to authenticate alumni and prevent fraud.
- Using Artificial Intelligence (AI) and Natural Language Processing (NLP) for automating the detection of inappropriate or harmful content.

IMPACT AND BENEFITS



TARGET AUDIENCE AND IMPACT

- **For Students:** Direct mentorship, career guidance, and networking opportunities.
- **For Alumni:** Opportunities to give back to their alma mater, mentor students, and participate in meaningful career discussions.

SOCIAL AND ECONOMIC IMPACT

- **Social:** Builds a strong, supportive community where alumni and students collaborate and learn from each other.
- **Economic:** Students get career guidance and placement assistance, leading to better job prospects.
- **Environmental Impact:** A digital solution that minimizes the need for physical events, reducing the carbon footprint.

Research Links:

1. Similar Platforms:

- [Graduway](#): A platform for alumni networking and engagement, providing insights into features and functionalities for your project.
- [LinkedIn](#): A widely used professional networking site that offers ideas on how to structure career guidance and professional interactions.
- [Almabase](#): Another example of an alumni engagement platform, showcasing features that could be relevant to your solution.