



Basic Details of the Team and Problem Statement

Ministry: Ministry of Social Justice and Empowerment

PS Code: SIH1367

Problem Statement Title: To develop a technical solution for enabling Institution level verification of students of one State studying in other State/s, who are at present generally denied benefits under the Scholarship scheme as the Institutions in which they are studying are not registered on the portal/s of their home State.

Team Name: Tech G

Team Leader Name: Nilesh Pal

Institute Code (AISHE): C-33525

Institute Name: Thakur College of Engineering & Technology

Theme Name: Smart Education



SANGAM

Logo generated by team **Tech G*

Idea/Approach Details

Idea/Solution:

Objective: Enable seamless cross-state verification for out-of-state students seeking scholarships.

☒ **Process Initiation:** Students, institutions, and scholarship providers register and submit necessary documents on the portal.

☒ **Unique ID Assignment:** Unique Portal ID generated after successful document verification.

☒ **Institution Verification:** Educational institutions confirm student details, enabling cross-verification by scholarship providers.

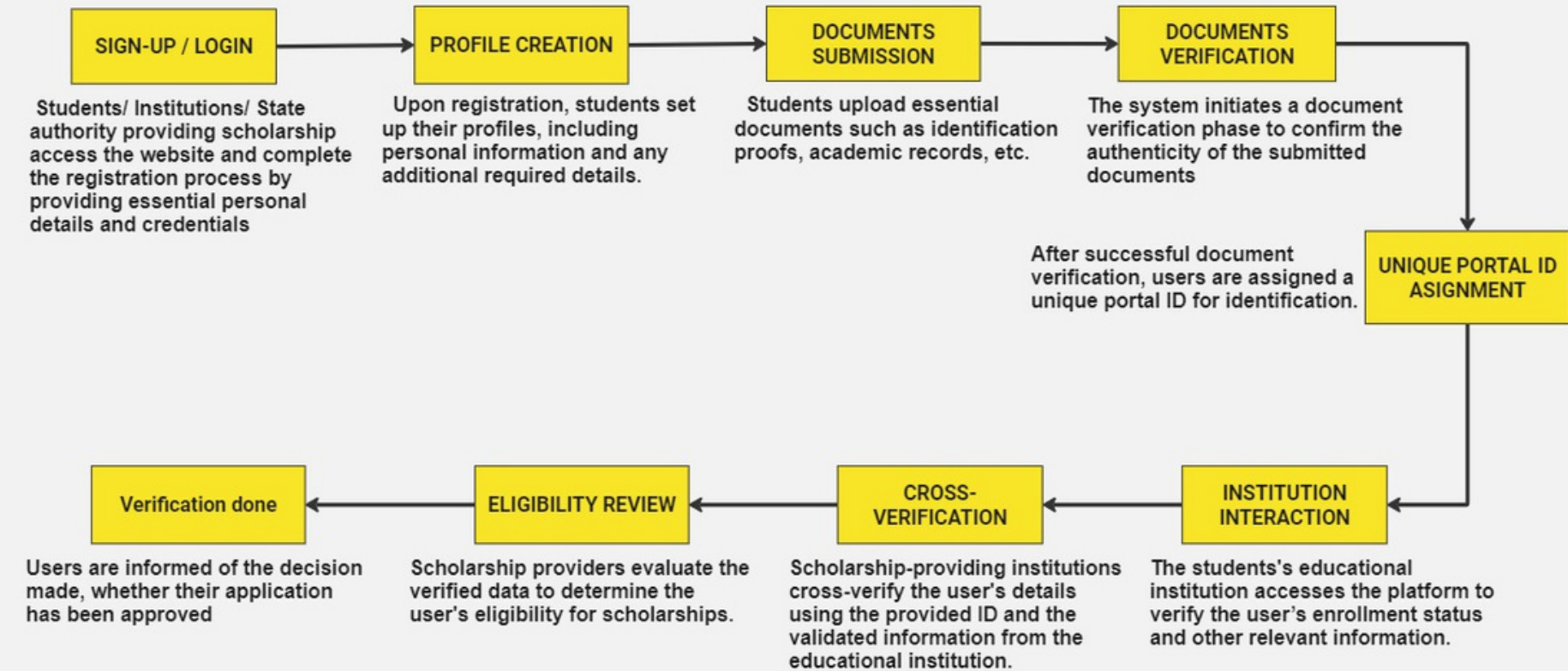
☒ **Tech Integration:** API development facilitates secure data exchange between institutions.

☒ **Decision-Making:** Scholarship providers independently review verified student data for eligibility decisions.

Key Features:

- **Pravah(AI Assistant)**
- **Document Verification(Digilocker API)**
- **Cross-Institution Verification**
- **Secure Data Exchange**

Process flowchart

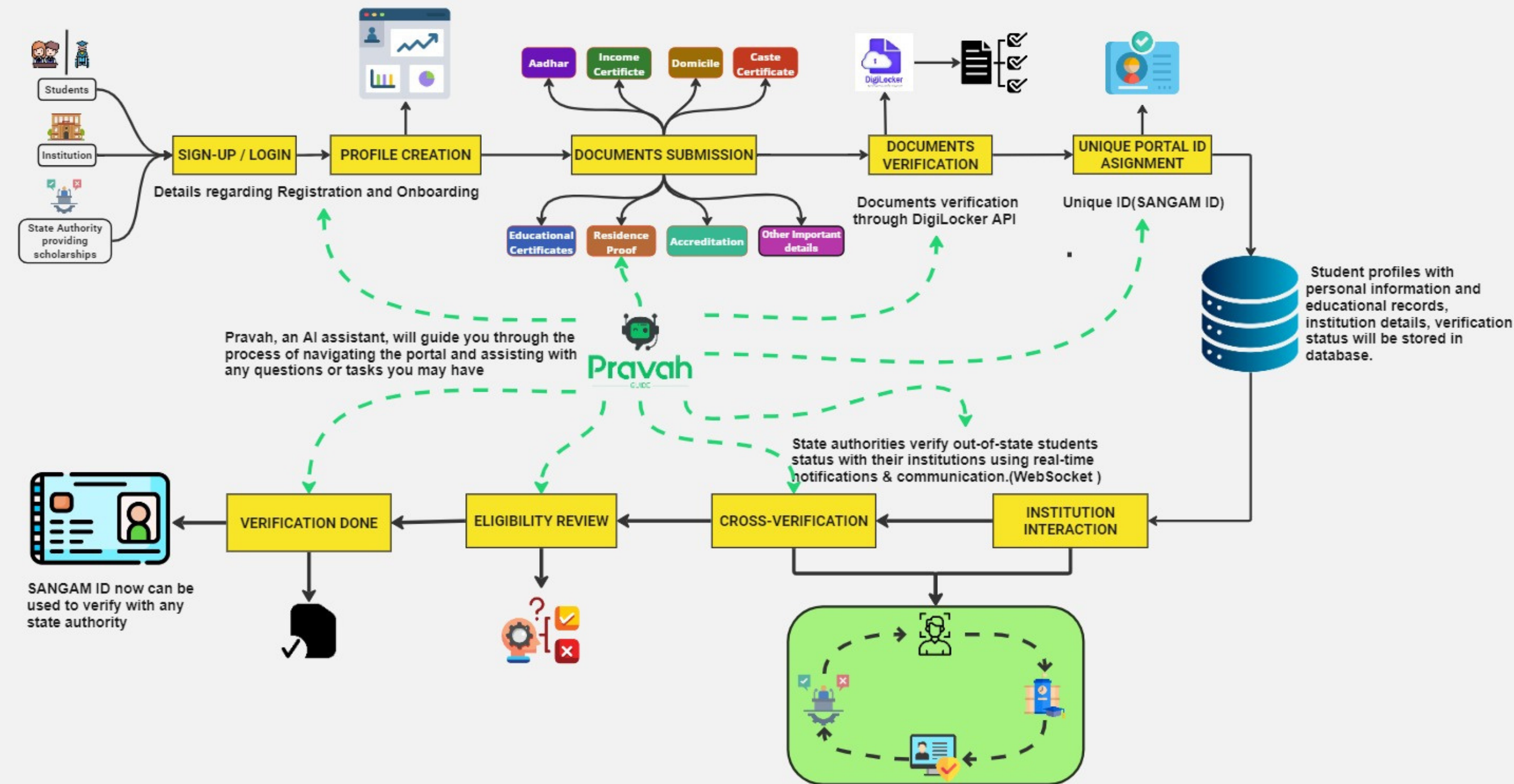


Technology stack

- ☒ Front-end(**React.js**)
- ☒ Back-end & API (**Express (for Node.js)**)
- ☒ Database(**MongoDB**)
- ☒ Authentication & Access control (**JWT**)
- ☒ Encrypted System(**OpenSSL**)

Idea/Approach Details

USE CASE



SHOW STOPPER:

- ❑ **Pravaah:** Your AI Assistant for Portal Navigation and Support.
- ❑ Inviting **Private Organizations** and **NGOs** for Transparent Scholarship Fund Distribution.
- ❑ **Cross-Device Support:** Functions seamlessly on both **iOS** and **Android** platforms.
- ❑ **Geographic Scalability:** Serves different regions, states facing similar verification challenges.

Team Member Details

Team Leader Name: Nilesh Pal

Branch (B.E): Stream (IT): Year (III):

Team Member 1 Name: Rishi Pandey

Branch (B.E): Stream (IT): Year (III):

Team Member 2 Name: Shivam Pandey

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Team Member 3 Name: Vishnuyash Pandey

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Team Member 4 Name: Dhaval Patil

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Team Member 5 Name: Shristhi Singh

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