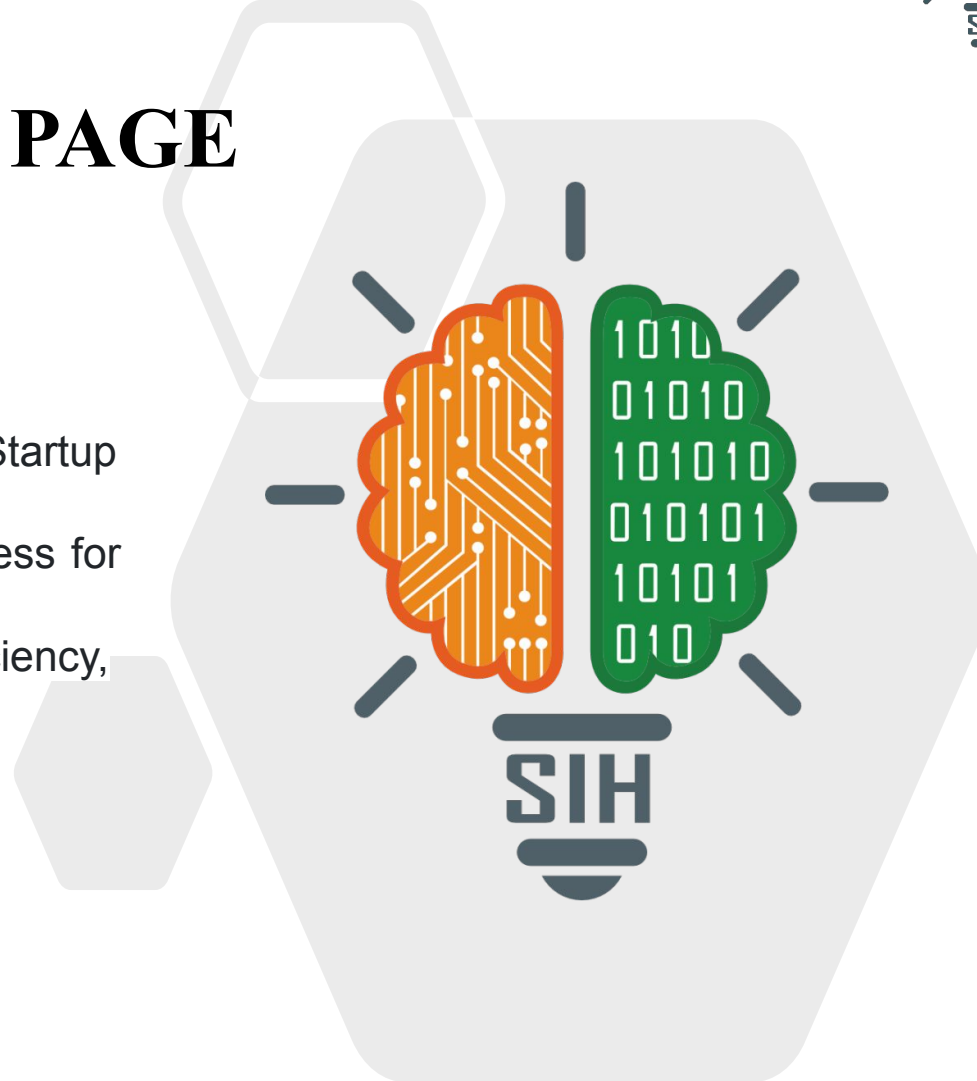
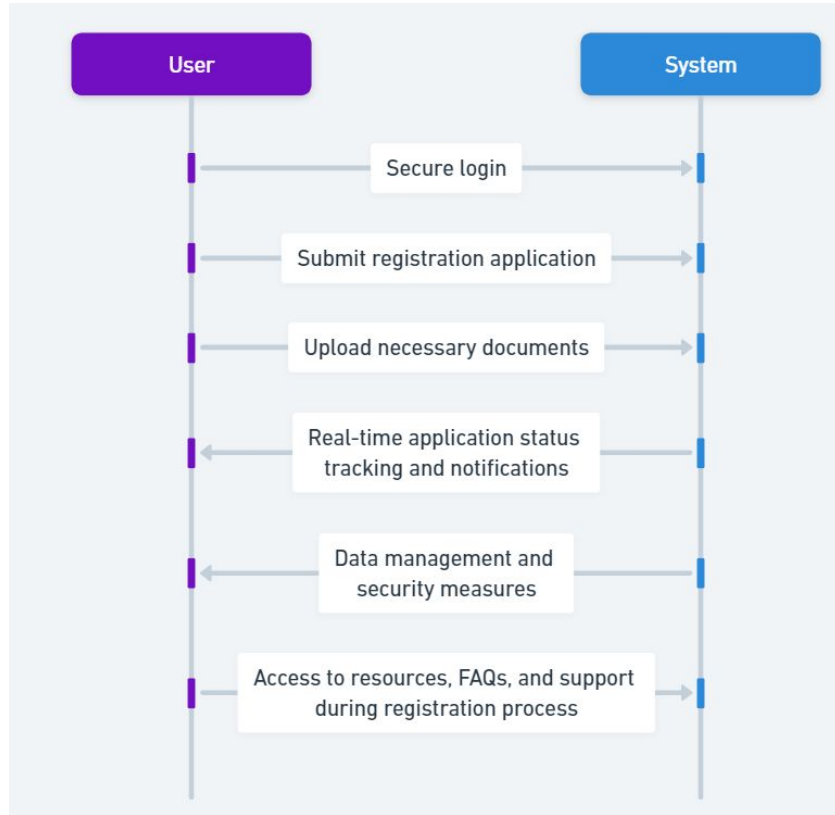


## TITLE PAGE

- **Problem Statement ID** – 1642
- **Problem Statement Title**- A comprehensive AYUSH Startup Registration Portal to streamline the registration process for startups in the AYUSH sector, enhancing efficiency, transparency, and accessibility.
- **Theme**- MedTech / BioTech / HealthTech
- **PS Category**- Software
- **Team ID**-
- **Team Name**- Tech Marshall



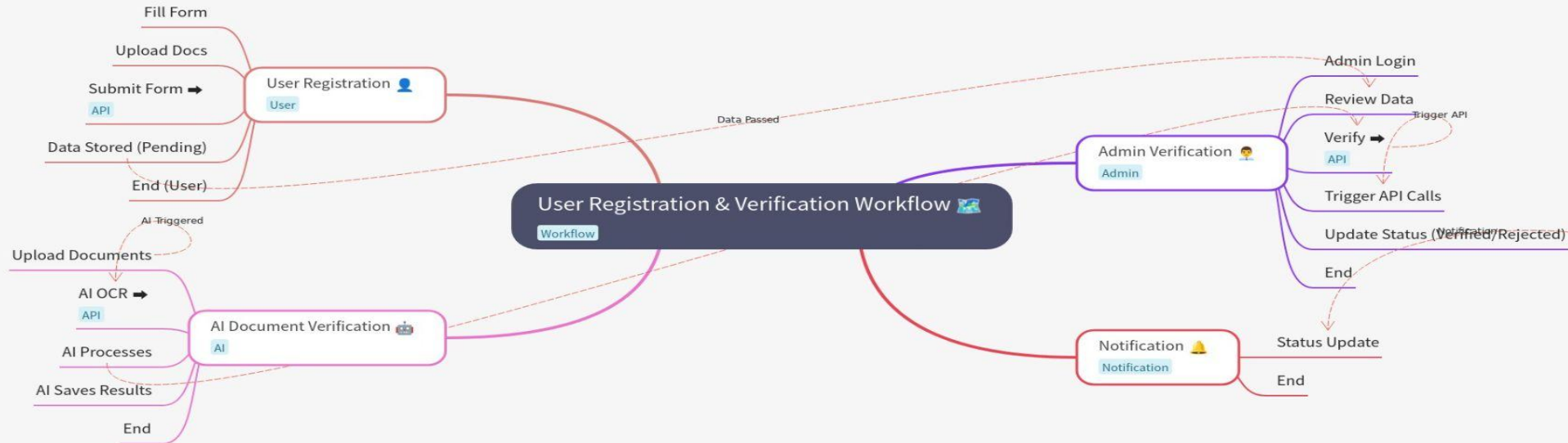
# Idea/Solution/Prototype



TECH  
MARSHALL

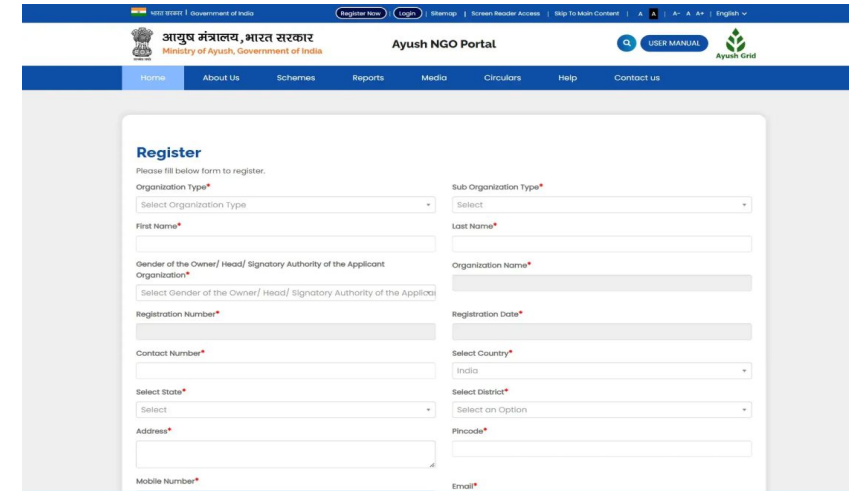
We have created a web-based AYUSH traditional systems of healthcare and medicine allowing individual to create a user-friendly, secure, and efficient platform The prototype will function as follows:

- **Secure Login:** OAuth2 and similar protocols for startups, officials, and stakeholders.
- **Blockchain Security:** Blockchain integration ensures tamper-proof and secure data storage.
- **Data Protection:** Multi-factor authentication (MFA) with email/SMS verification to safeguard privacy.
- **Real-Time Tracking:** Instant updates and notifications for applicants.
- **Streamlined Process:** Simplified forms with clear instructions.
- **Regulatory Compliance:** Single Sign-On (SSO) for adherence to AYUSH regulations.



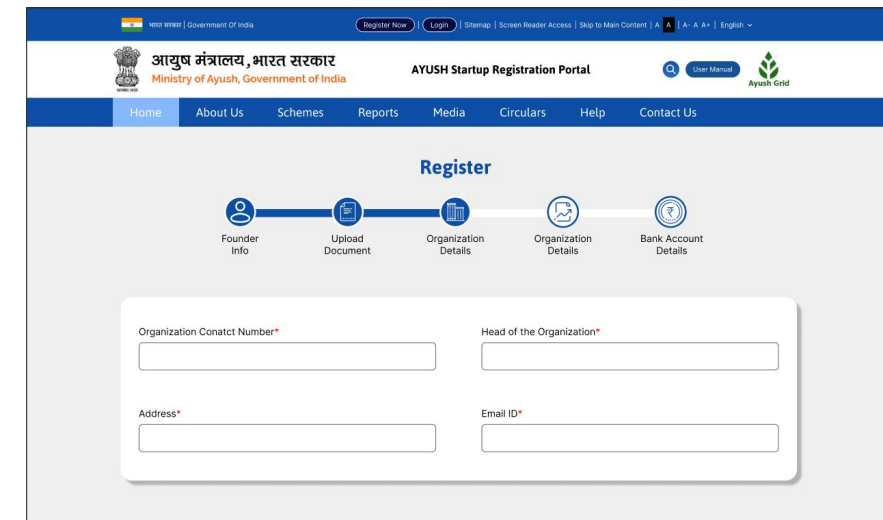
**React.js with Material UI , Node.js with Express.js , PostgreSQL  
OCR , JWT authentication , Python , Solidity**

## Before



The 'Before' screenshot shows a registration form for the Ayush NGO Portal. The form is titled 'Register' and includes a sub-header 'Please fill below form to register.' It contains various input fields for 'Organization Type', 'Sub Organization Type', 'First Name', 'Last Name', 'Organization Name', 'Registration Number', 'Registration Date', 'Contact Number', 'Select Country', 'Select District', 'Select on Option', 'Pincode', 'Address', 'Mobile Number', and 'Email'. The form is complex and lacks a clear flow.

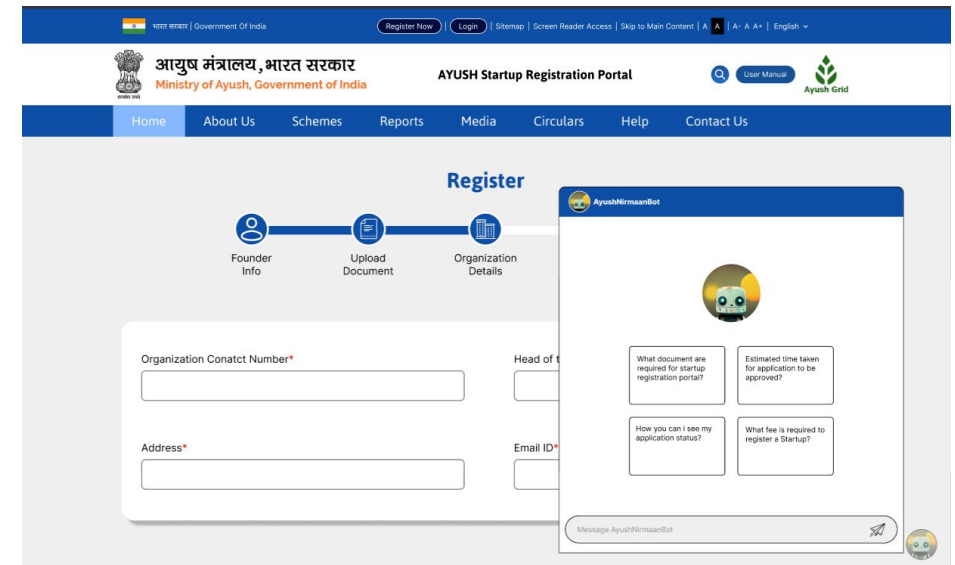
## After



The 'After' screenshot shows the updated 'AYUSH Startup Registration Portal'. The form is titled 'Register' and features a progress bar with five steps: 'Founder Info', 'Upload Document', 'Organization Details', 'Organization Details', and 'Bank Account Details'. The form is simplified, with fields for 'Organization Contact Number', 'Head of the Organization', 'Address', and 'Email ID'.

- **Feasibility:** Secure authentication, submissions, document uploads, tracking, and support are feasible with existing tech, ensuring security and compliance.
- **Challenges and Risks:** Key issues include MFA resistance, form complexity, document management, and compliance risks like data breaches.
- **Strategies:** Introduce optional MFA, refine forms, automate tracking, audit compliance, and update support to reduce risks.

- Streamlined digital registration process **enhanced transparency** with **reduced bureaucracy** and manual intervention.
- **Centralized Document Management**
- **Digital Process Minimizes Paper Use.** Handling of large volume of AYUSH data
- **Intelligent Data Validation:** Use **NLP to auto-suggest** and auto-fill form field. **Machine learning algorithms** to identify patterns and inconsistencies in submitted data .
- **Ease Upload Certificates :**Use **OCR technology** to extract and validate text from scanned licenses,certifications.
- **Guide:AI-powered chatbots** will offer instant support,guide.
- Data-driven insights will **attract investors, boosting funding**



The screenshot displays the AYUSH Startup Registration Portal. The header includes the Government of India logo, the Ministry of Ayush, and navigation links like 'Register Now', 'Login', 'Sitemap', and 'Screen Reader Access'. The main content area features a 'Register' section with a progress bar showing 'Founder Info', 'Upload Document', and 'Organization Details'. Below this, there are input fields for 'Organization Contact Number\*', 'Address\*', 'Head of...', and 'Email ID\*'. A chatbot window titled 'AyushNirmaanBot' is overlaid on the right, containing questions about document requirements, estimated time, application status, and registration fees. The footer includes a 'Message AyushNirmaanBot' input field and a chatbot icon.

- [Invest India: AYUSH Sector Overview](#) – Offers insights into the startup ecosystem and government initiatives for AYUSH startups.
- [Startup India Registration](#) – A comprehensive guide to registering a startup, including resources for entrepreneurs in the AYUSH sector.
- [Ministry of AYUSH Licensing Portal](#) – For registering AYUSH products and obtaining manufacturing licenses.