



Basic Details of the Team and Problem Statement

Ministry/Organization Name/Student Innovation:

Ministry of Law and Justice

PS Code: 1285

Problem Statement Title: AI-powered Legal Documentation

Assistant

Team Name: CTRL-ALT-ELITE

Team Leader Name: Sarvesh Patil

Institute Code (AISHE): C-33895

Institute Name: Vivekanand Education Society's Institute Of Technology

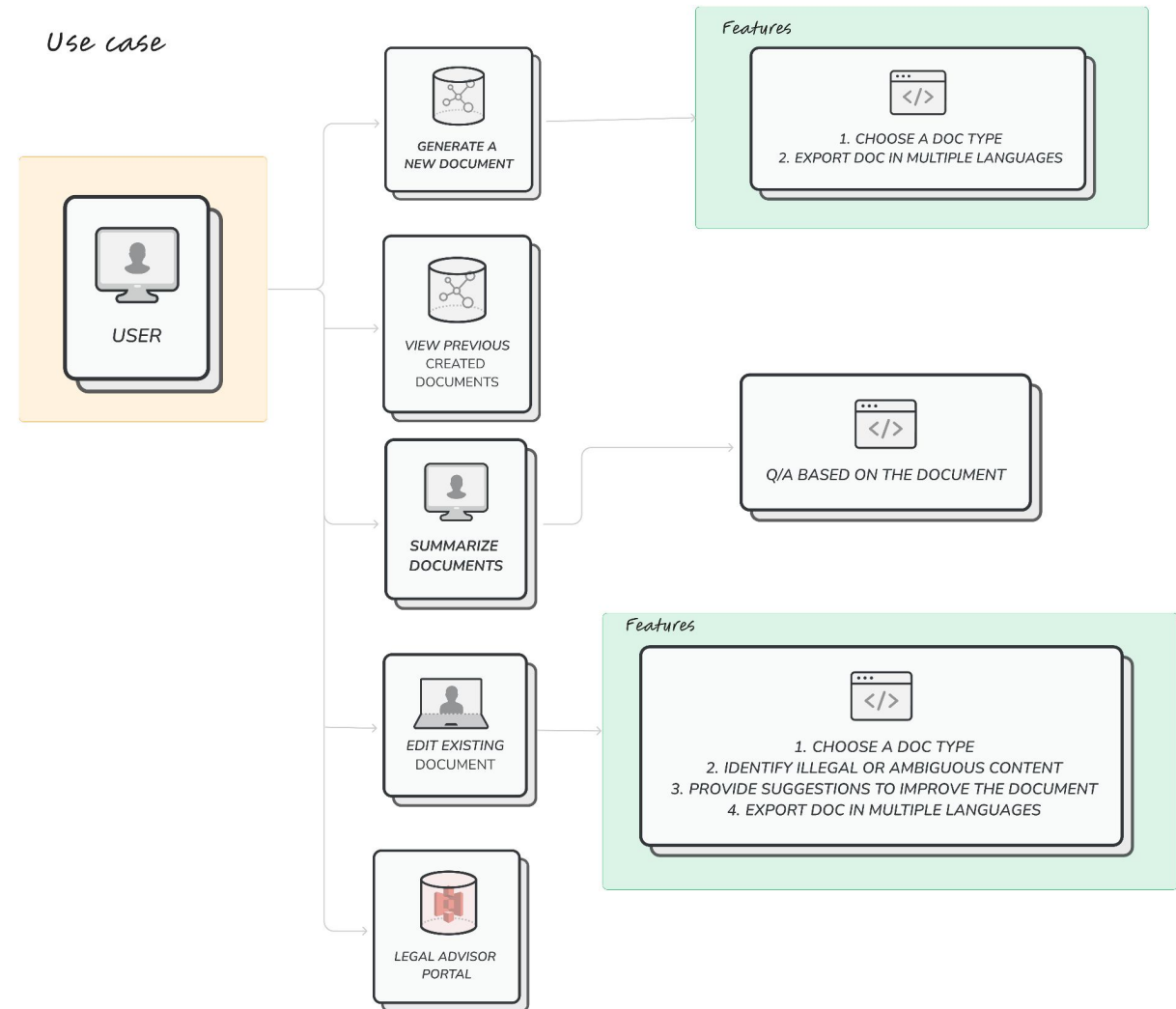


Theme Name: Miscellaneous

Idea/Approach

1. We will create a responsive UI using **Next.js** and **Tailwind CSS**.
2. Utilize **NLP** to generate **customized** documents.
3. Users can select their desired **language**, and we'll **translate** the document using Google Translate API.
4. Users can **upload** their documents for further **editing**, content **analysis**, **improvement** suggestions and **ambiguity** detection.
5. Additionally, we'll offer a **legal advisor portal** with **chatbot** interaction and **expert meeting scheduler**.
6. Users can access their **created documents** on the **dashboard** for easy viewing and management.
7. Use **blockchain** for **decentralized** and **secure storage** of documents.
8. User can ask the **chatbot** questions related to the document and also **summarize** the document using **LLM**.

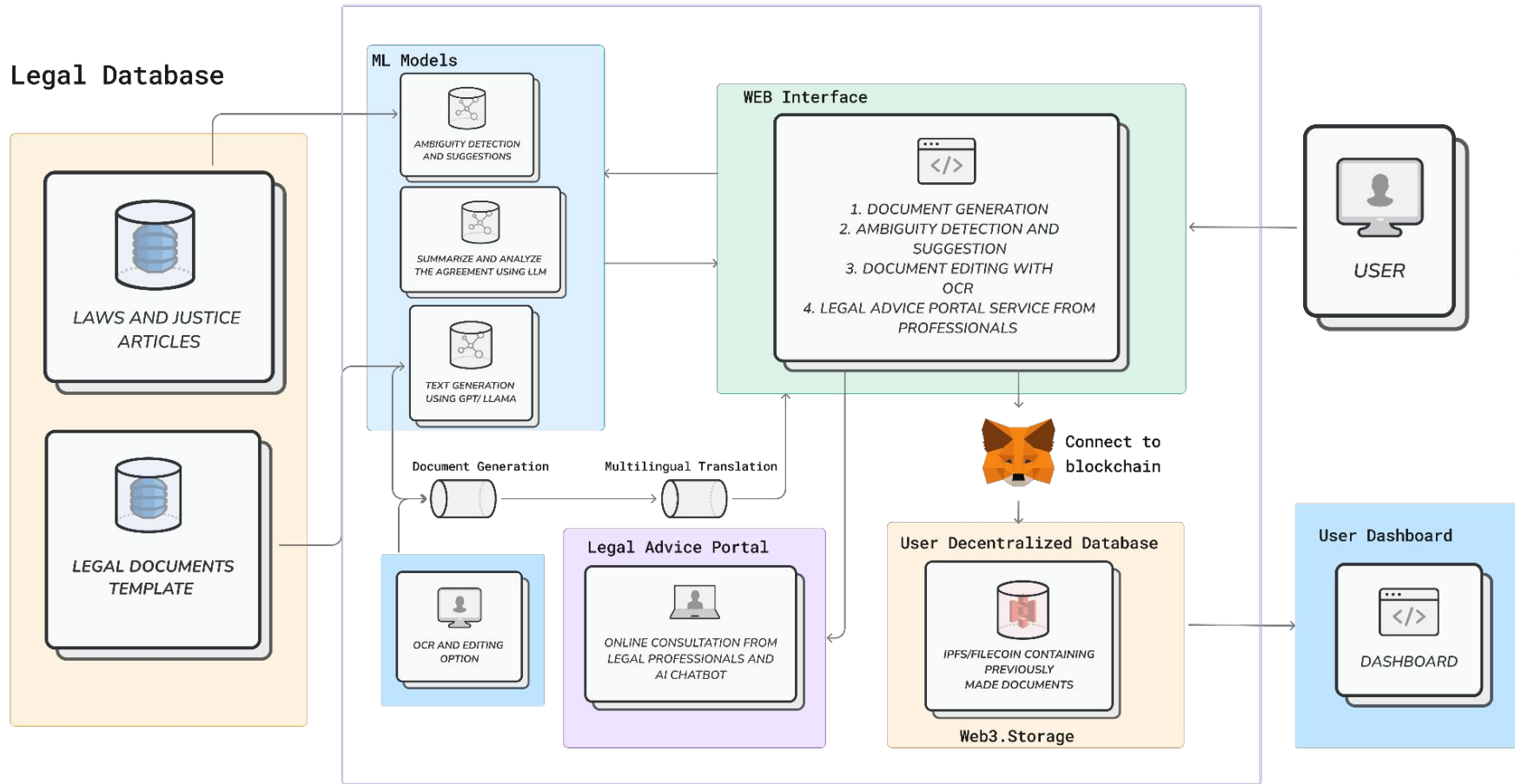
[Video Presentation](#)



Use Cases

- Rental Agreements
- Divorce
- Power of Attorney
- Loan Agreement
- House Sale Agreement
- Contract Generation
- Legal Wills
- Intellectual Property

Architecture



Business Model

- **Free Model:**
 - Per account 5 documents creation
 - Store created documents in decentralized database
 - Interaction with chatbot
- **Plus Model:**
 - All benefits of Free Model
 - Edit and customize documents
 - Scan and edit user documents (OCR)
 - Ambiguity Detection and Suggestions
 - Legal advice portal
 - Multilingual Translation
 - Store unlimited documents in decentralized database
 - Summarize documents and Q/A based on that document

Tech Stack

- **Frontend:** Next.js, Tailwind Css
 - **Dev Env:** VSCode
 - **Blockchain Technologies:** Solidity, Web3.Storage(IPFS), Metamask, Polygon Testnet, Remix, Rainbow-Kit
 - **AI/ML Technologies:** Sklearn, Pandas, Anaconda, Axios, NextAuth, OpenAI, Llama, LangChain
- **Backend:** Python, Flask
 - **Database:** Firebase

Team Member Details

Team Leader Name: Sarvesh Patil

Branch: B.E Stream: Information Technology Year : IV

Team Member 1 Name: Atharva Bhoite

Branch: B.E Stream: Information Technology Year : IV

Team Member 2 Name: Divisha Gupta

Branch: B.E Stream: Information Technology Year : IV

Team Member 3 Name: Hrishikesh Kumbhar

Branch: B.E Stream: Information Technology Year : IV

Team Member 4 Name: Shreyansh Singh

Branch: B.E Stream: Information Technology Year : IV

Team Member 5 Name: Upendra Falak

Branch: B.E Stream: Information Technology Year : IV

Team Mentor 1 Name: Dr. Manoj Sabnis

Category: Academic Expertise: AI/ML Domain Experience: 20 years