

Team Details & Problem Statement



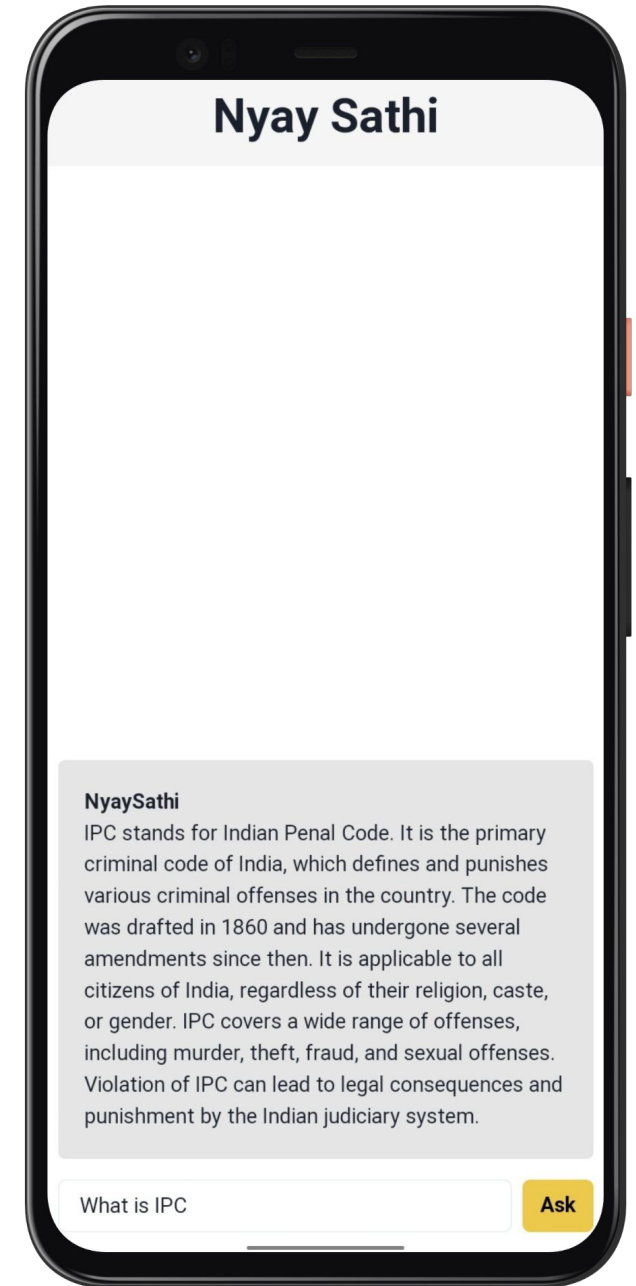
**SMART INDIA
HACKATHON
2023**

Ministry/Organization	Ministry of Law and Justice
PS Code	SIH 1283
Problem Statement Title	Digital Assistant for Legal Awareness and Designing a KYC framework in India
Team Name	
Team Leader Name	
Institute Code (AISHE)	
Institute Name	
Theme Name	Smart Education

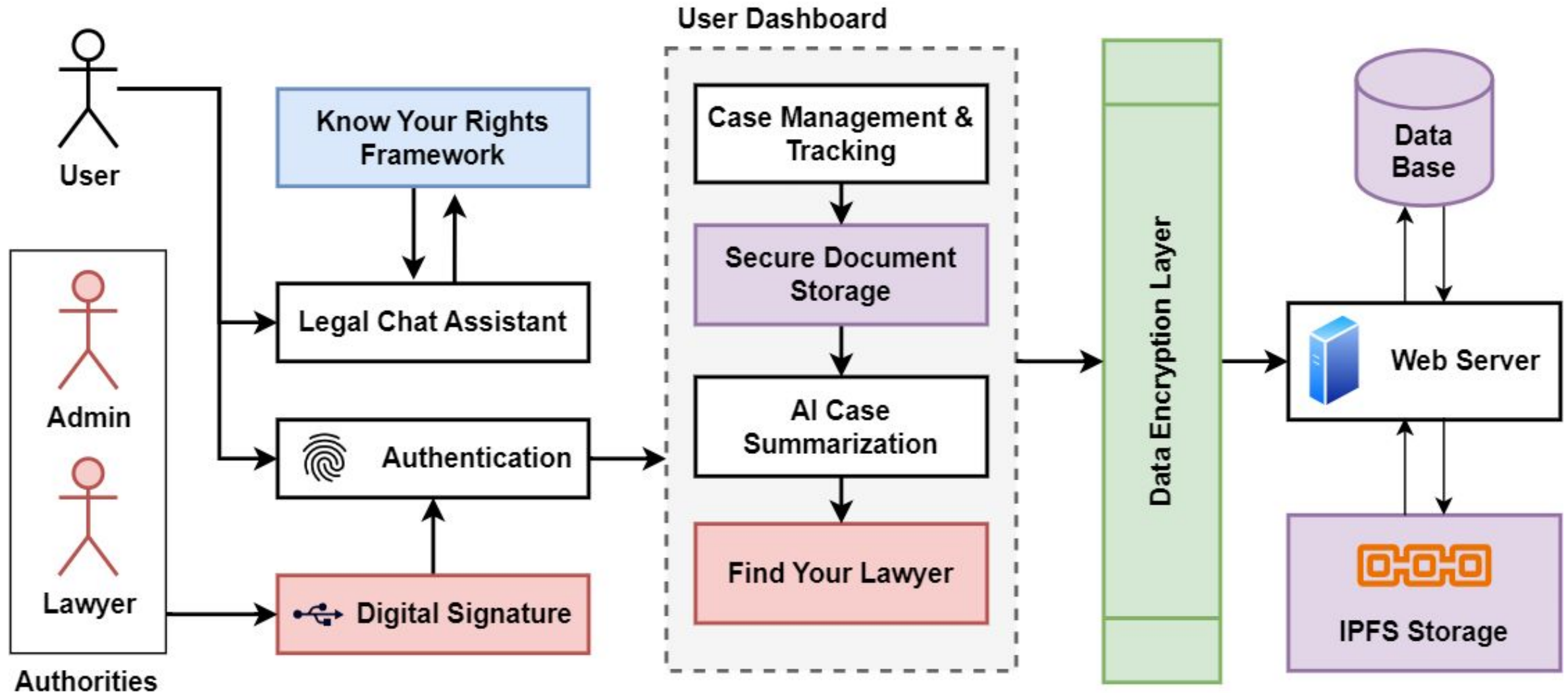
Idea & Approach

In India, limited legal awareness and access are widespread issues, often affecting marginalized communities. The challenges stem from language barriers and the intricate nature of the legal system, making it difficult for many individuals to understand and exercise their legal rights effectively.

We are addressing the problem by developing a user-friendly and multilingual application called "**Nyaysathi**." Our app features a digital legal assistant that simplifies legal queries for citizens using plain language and guides them in understanding their rights through our "Know Your Rights" framework. Additionally, we are introducing handy tools like a **case file summarizer** for easy comprehension of legal cases and **secure document storage on blockchain**, ensuring accessibility and security for all important files and evidence.



Use Case Diagram



Technology Stack


 **Client & Server Side
Web Framework**

 **NEXT.js Auth**

 **WebAuthN
BioMetric**

 **Decentralized Storage
Blockchain-IPFS**

The InterPlanetary File System is a protocol, hypermedia and file sharing peer-to-peer network for storing and sharing data in a distributed file system

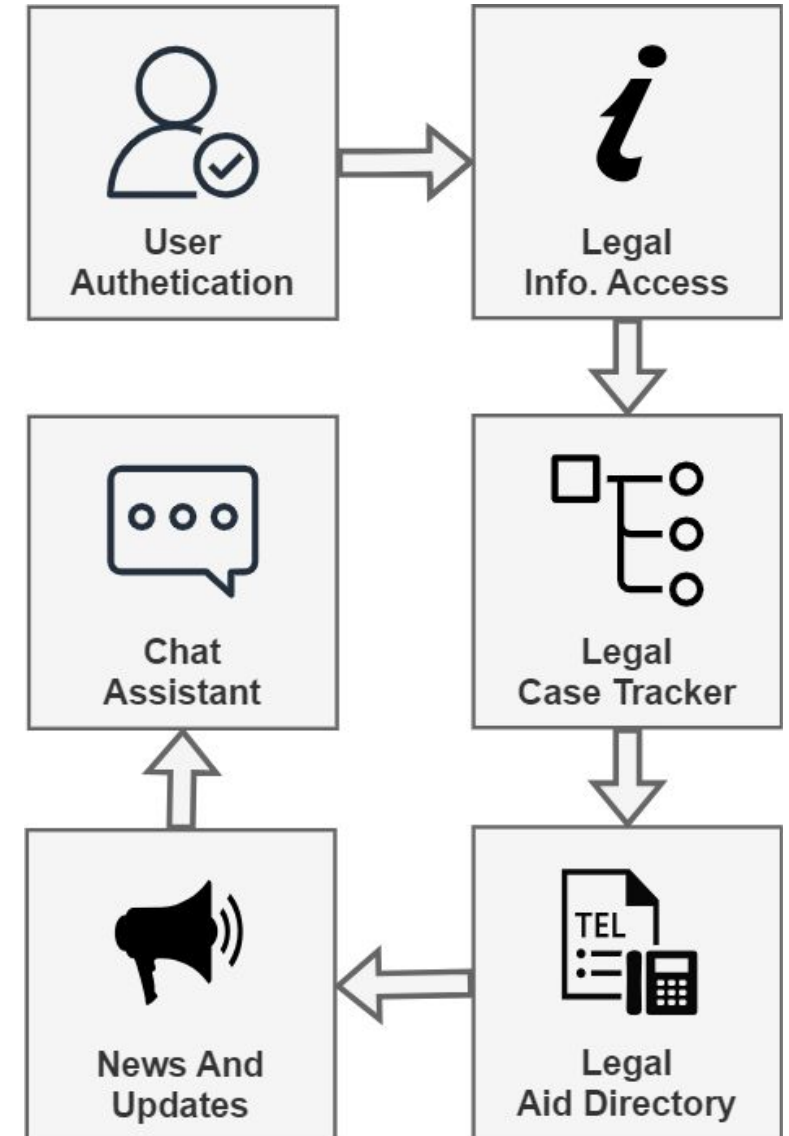
 **Data Modeling and
Artificial Intelligence**

**Indian Kanoon API
e-courts API
Crime Check API
Open AI API**

 **Database
Mysql**

Database for storing Data of users, different roles, complaints, communication channels, etc.

Process Flow



Additional Features



BIOMETRIC AUTHENTICATION

App will send text messages (with Live Location) to the emergency contacts



MULTI-LINGUAL Chat Assistant

Native Language Support for the app. Such as Hindi, Marathi and Urdu.



GAMIFIED LEAGEL EDUCATION

Incorporates game elements, such as quizzes, simulations, and interactive scenarios, to make learning about complex legal topics more enjoyable,



Storage on Blockchain

Utilizes blockchain technology to securely store and manage legal documents, ensuring transparency, immutability, and data integrity.



Admin Panel

Admin can view all the signals received using statistics and it will also be useful for Data Analysis.



Case File Summarizer

Automates the process of summarizing legal case files, saving time for lawyers and making complex legal documents more digestible.



Easy Lawyer Customer Connection

Streamlines the matchmaking process between clients and lawyers, facilitating efficient communication and consultations for legal services.

Team Members Details

Team Leader

Team Member 1

Team Member 2

Team Member 3

Team Member 4

Team Member 5