Category Code: C1

Problem Statement Title: KanoonSaathi– Empowering Women & Children Through Legal Assistance

Team Name: Hack Attackers

Institute Name: Vivekanand Education Society's Institute of Technology

UPTIQ · unstop · Github · sprect · Rotary Club Bombay Chembur West · interview buddy · appwrite · .xyz · fueler · Interview Cake

Overview of our Problem Statement

The Problem

Victims of domestic violence, abuse, and legal exploitation struggle with:

- High Costs – Legal aid is expensive and inaccessible.
- Fear & Stigma – Many victims hesitate to seek help.
- Complexity – Legal procedures are overwhelming.
- Limited Access – Rural and marginalized communities lack support.

Our Approach: AI for Justice

KanoonSaathi bridges the gap by offering:

- AI-Powered Legal Guidance – Simple, structured advice.
- Risk Detection & Emergency Response – Alerts NGOs/law enforcement by dialing numbers for you
- Secure Support – No fear, full confidentiality and trustworthy
- Mental Health Assistance – Helps users cope with legal stress.

Innovation (Showstopper)

Our Moto: **"Tera Haq, Teri Baat!"**

Justice. Safety. Empowerment. – Ab kanoon samajhna mushkil nahi, tera saathi hum hain!

- **AI-Powered Voice Distress Detection** – Our system **analyzes your voice for stress or fear** and, if it detects danger, **automatically contacts emergency numbers or legal aid** for immediate help.
- **Real-Time Legal & Emotional Support** – Our AI not only provides **legal solutions** but also **identifies emotional distress** and offers support to help you stay strong.
- **Smart Legal Roadmap** – No legal jargon! We break down **complex procedures into clear, actionable steps** so you always know your next move.
- **Adaptive Learning & Case Tracking** – Our AI **learns from real cases**, continuously improving and allowing users to **track their legal progress effortlessly.**
- **AI-Powered Legal Companion** – Whether you need **advice, emotional support, or urgent intervention**, our AI ensures **you are never alone in your fight for justice.**
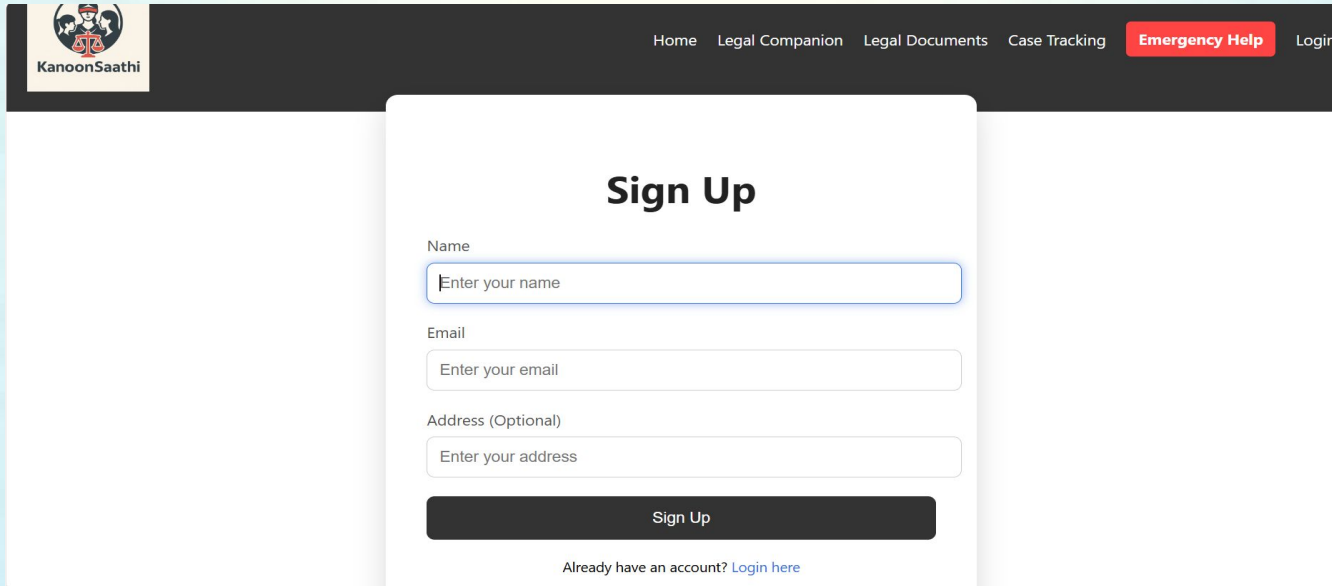
Tech Stack used

- **FrontEnd** : ReactJS
- **BackEnd** : Python Flask
- **Database** : Supabase (PostgreSQL)
- **AI/ML Model** : Hugging Face
- **LLM Model** : OpenAI
- **Hosting & Deployment** : Vercel
- **Collaboration & Version Control** : Git / Github

Implemented Features

Easy and minimalistic Signup with OTP and Login with necessary details

Implemented Features

Interactive and User Friendly Homepage for Navigation and Overview
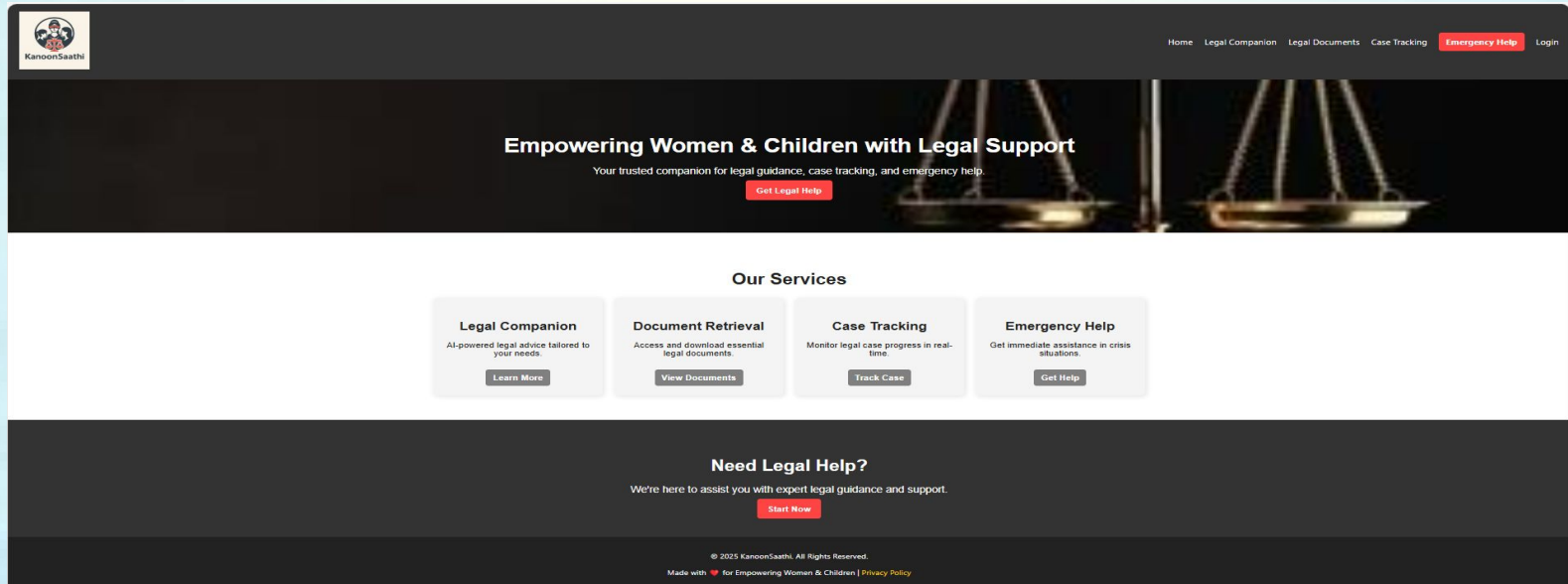
Implemented Features

Chatbot integrated with API for solving legal problems
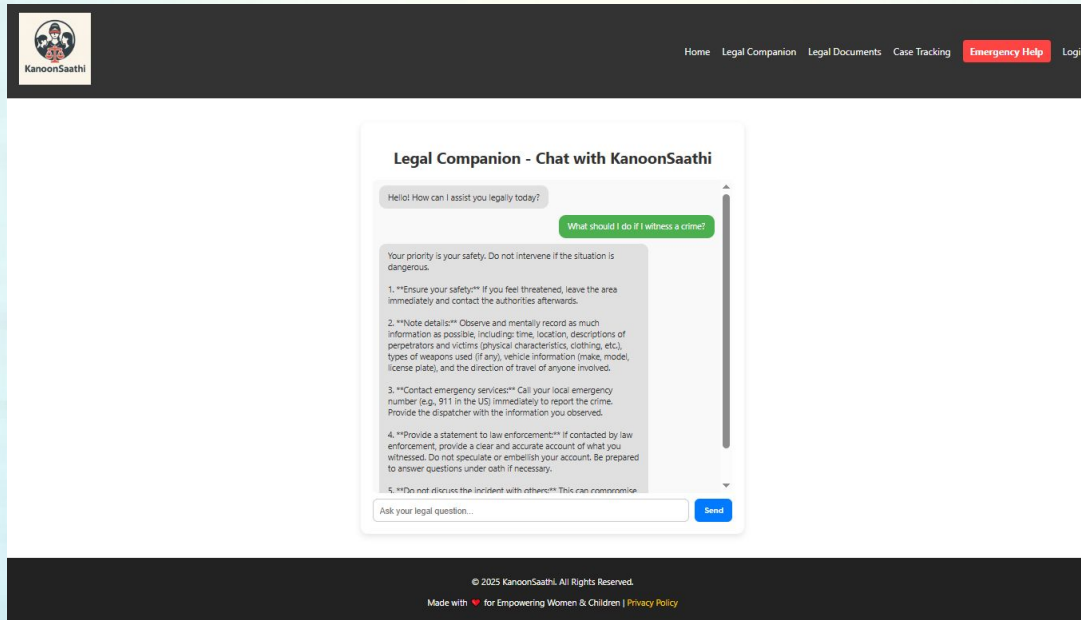
Implemented Features

Legal Document Retrieval for users to get friendly about their problem in detail looking into previous cases and drafts

Implemented Features

Case Tracking Page with history to easily track your ongoing and pending cases

Case Tracking

Property Dispute
Status: Ongoing

Divorce Settlement
Status: Closed

Domestic Violence
Status: Ongoing

Case History: Property Dispute

Filed on Jan 10

Hearing on Feb 5

Next hearing on Mar 12

Close

Implemented Features

Emergency Contact Numbers according to your current location
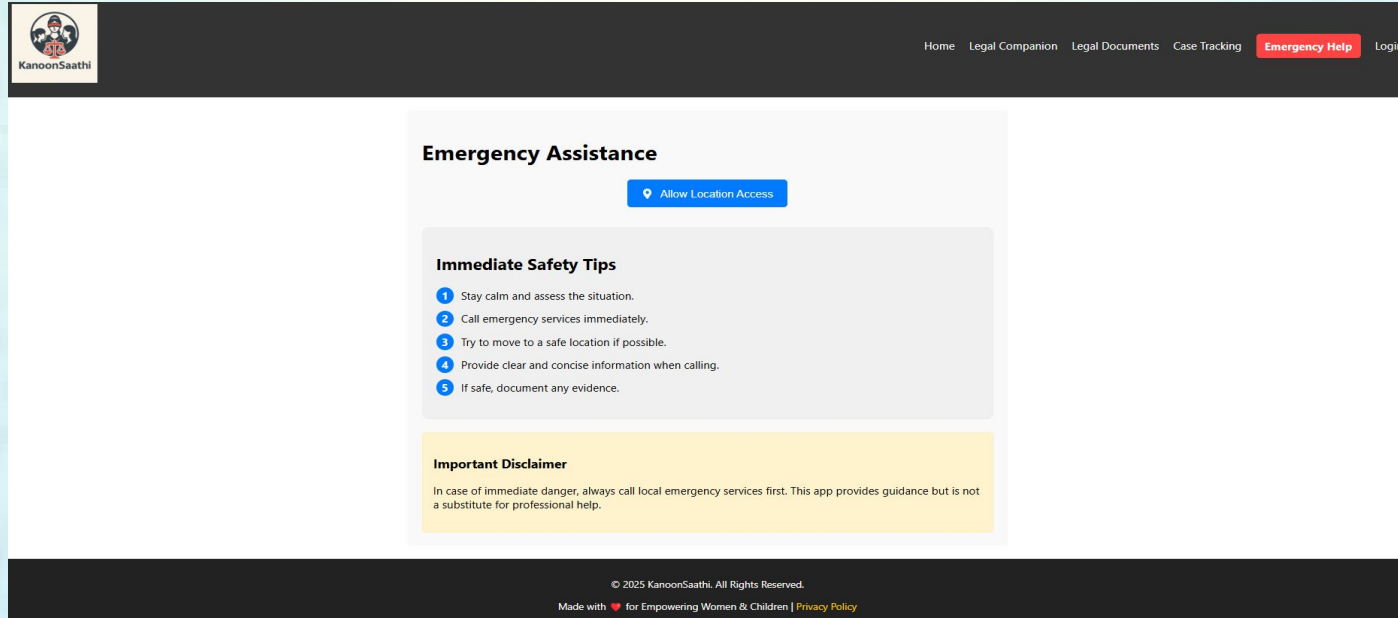
Mentors Feedback Implementation

1. Mentor told us to implement a chatbot with an API for faster and clear response

   Why We Implemented It?
   - Mentor's Guidance – Suggested API integration for speed and clarity.
   - Faster & Clear Responses – API ensures real-time and accurate replies.
   - Scalable & Efficient – Supports multiple users, automating common queries.
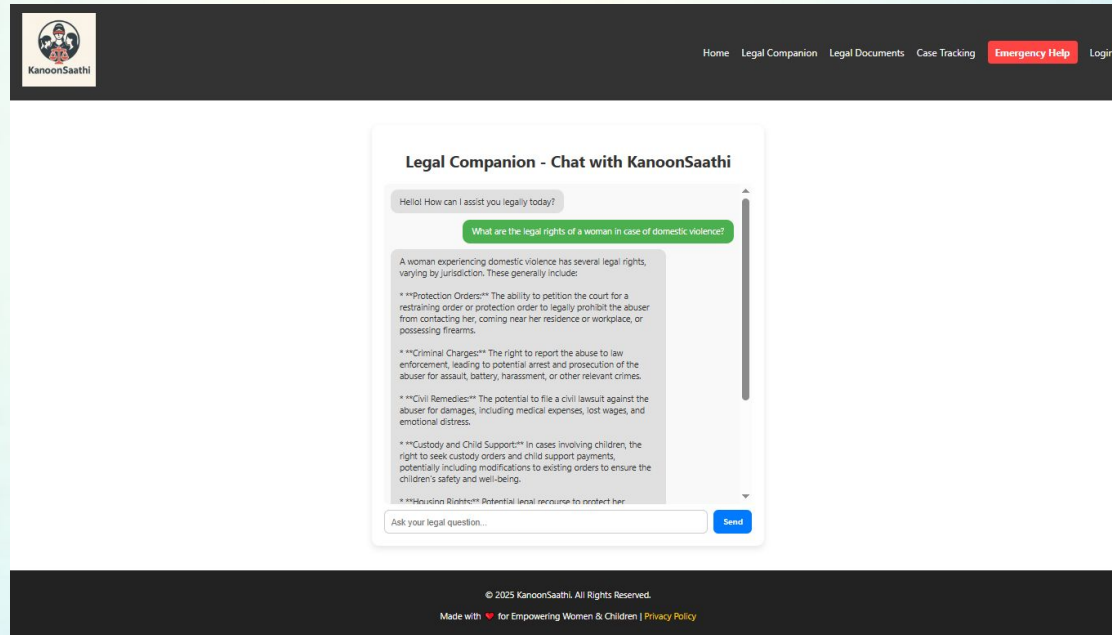
   Outcome
   - Instant & Clear Responses – Improved user experience.
   - Handles Multiple Users – Reduced wait times.
   - Reliable & Up-to-Date Data – API integration ensures accuracy.
   - Better Scalability – Adapts to increasing traffic efficiently.

   Result: Enhanced system making it more interactive & user-friendly, as guided by our mentor.

Mentor Feedback Implementation

Screenshot of our chatbot

Mentor Feedback Implementation

2. Second advice was to Implement a document summariser where the user will upload a legal document and our AI will summarise it to save time and effort.

- **Mentor's Advice** – Suggested implementing a document summarizer for efficiency.
- **Time-Saving** – Users can quickly grasp key points from lengthy legal documents.
- **Effortless Understanding** – AI simplifies complex legal text for better readability.

- ◆ **Outcome**
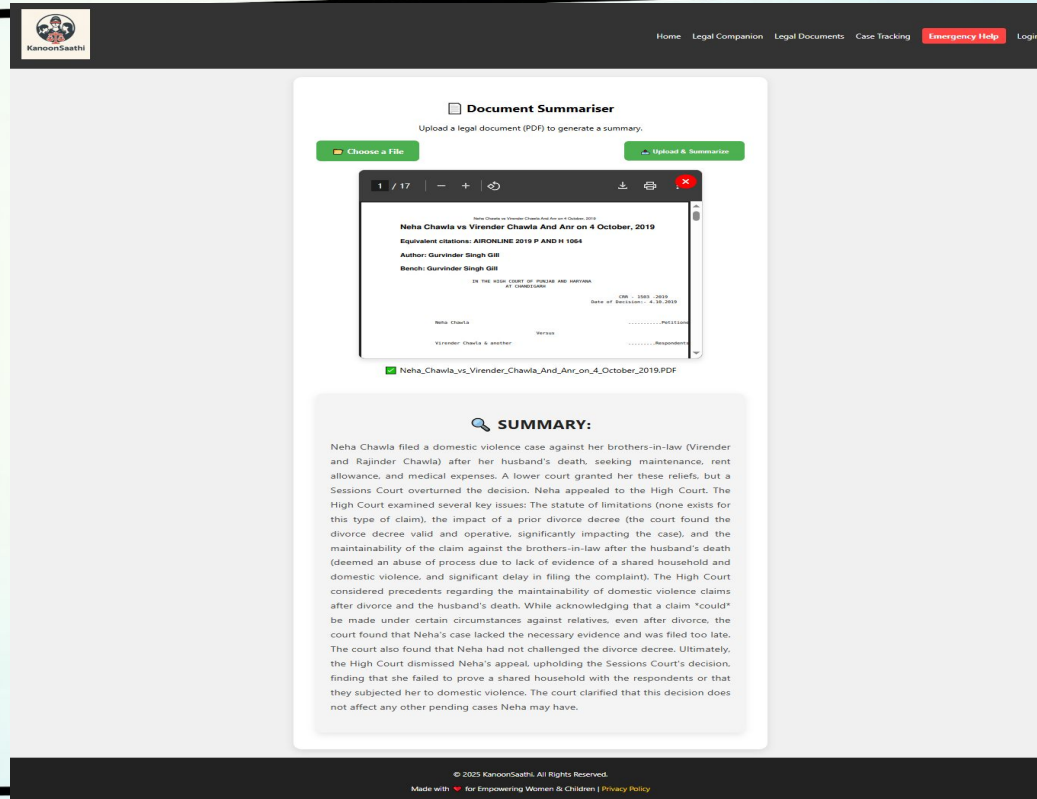
- **Quick & Accurate Summaries** – Saves time by extracting essential information.
- **User-Friendly** – Simplifies legal jargon, making documents easier to understand.
- **Enhanced Productivity** – Reduces manual effort in reviewing lengthy files.

Result: A **smarter, faster** way to process legal documents, aligning with the mentor's vision!

Mentor Feedback Implementation

Screenshot of our document summariser buddy.

Our Future Scope

- **Agentic AI for Multi-Domain Legal Support** – Extend **KanoonSaathi's AI agents** to handle cases beyond gender-based violence, including cyber harassment and workplace abuse
- **Instant Legal Query Resolution** – Introduce a community-driven complaint section where legal experts can swiftly address user queries and expedite legal processes.
- **Multi-Modal AI for Voice-Activated Emergency Response** – Leverage **speech recognition and sentiment analysis** to detect distress in voice patterns, enabling **hands-free SOS activation** that auto-connects users to emergency services or legal aid teams.
- **Law Simplified for All** – Develop easy-to-understand legal explainers, interactive chatbots, and step-by-step guides to break down complex legal jargon for users with no legal background.