SYRUS HACKATHON 2025

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

Idea / Approach details (& implemented features)

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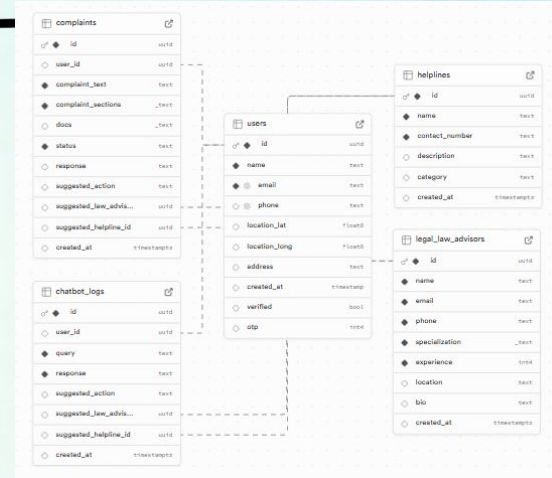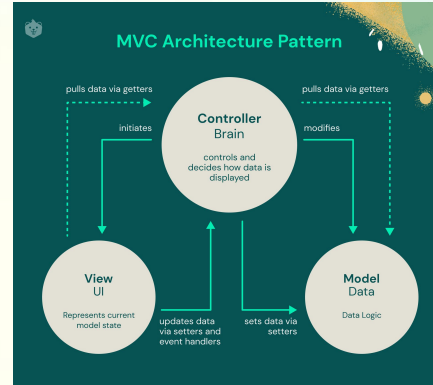
FrontEnd : ReactJS
BackEnd : Python Flask
Database : Supabase (PostgreSQL)
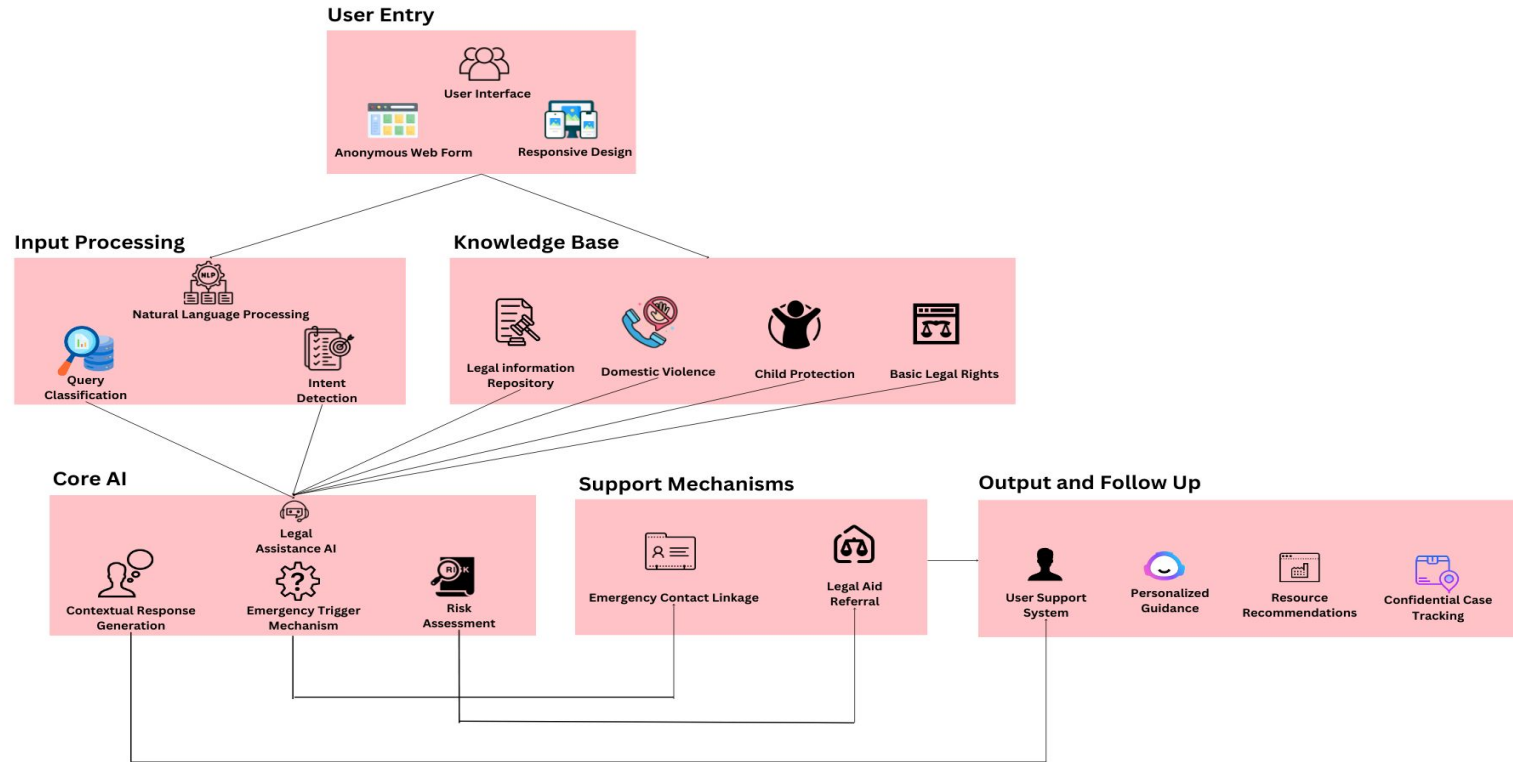**AI/ML Model** : Hugging Face
LLM Model : OpenAI
Hosting & Deployment : Vercel
Collaboration & Version Control : Git / Github

Implementation/Prototype/Use Case Diagram (screenshots)

Implementation/Prototype/Use Case Diagram (screenshots)

https://docs.google.com/document/d/1tUKg4nxqDJ8Hu6e7kgpyY1v7ZKCvmDeK35Kdsur-aFg/edit?usp=sharing

Future Objectives

- **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
- **Federated AI & Blockchain for Legal Trust** – Strengthen **legal network integration** by partnering with law firms, NGOs, and government bodies using **federated AI** for secure, decentralized case escalation and **blockchain-backed legal tracking**.
- **Generative AI for Contextual Legal Guidance** – Upgrade our AI models using **LLMs (Large Language Models)** to deliver highly contextual legal guidance, real-time risk assessment, and personalized recommendations based on past case precedents.
- **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.