



LEGAL TRACK

Introducing an AI-powered First Information Report system.
It streamlines legal processes for citizens and law enforcement.
Enhances accessibility and efficiency in reporting crimes.



Bennett University

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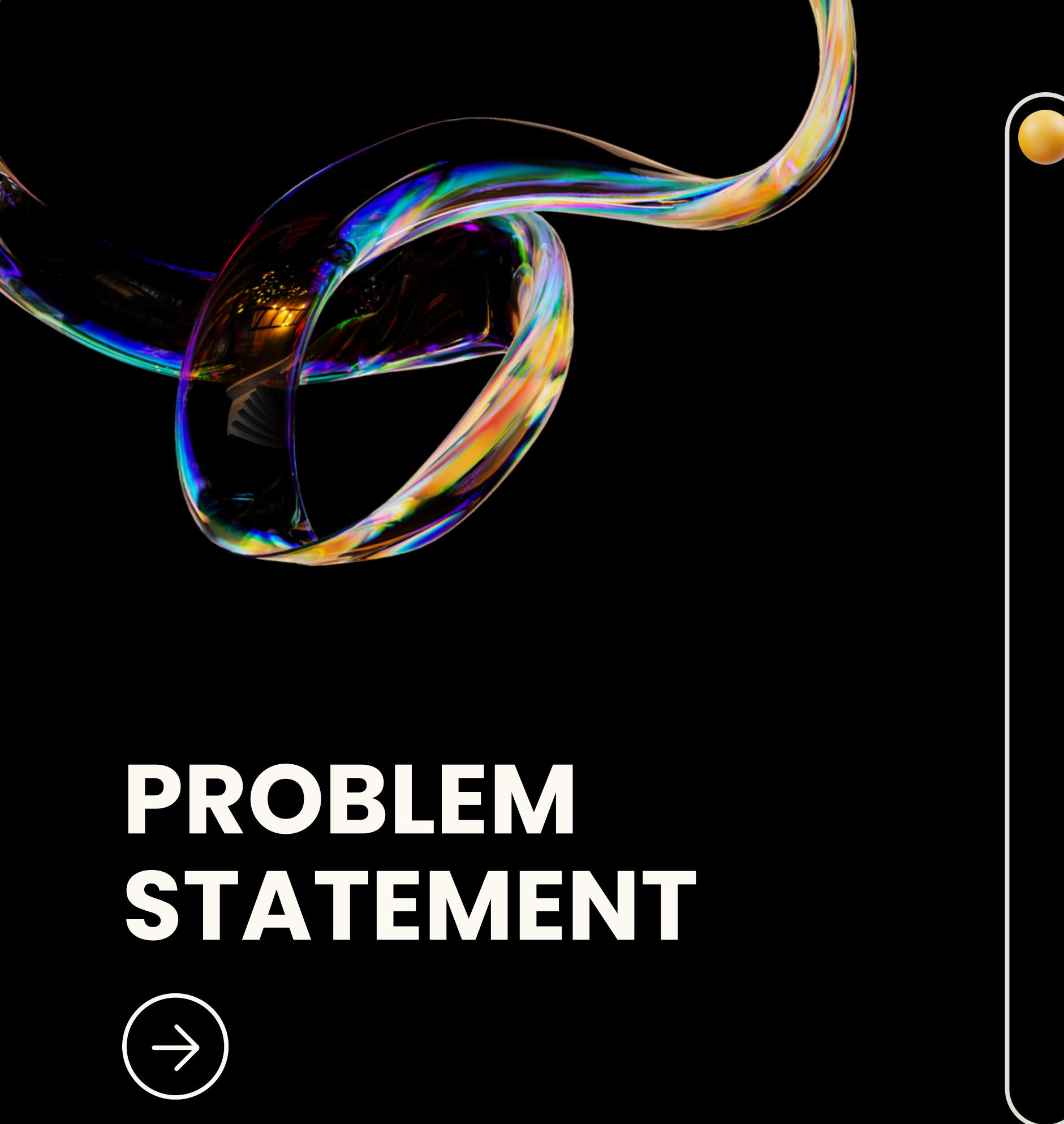
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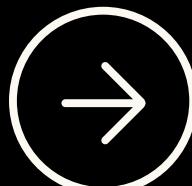


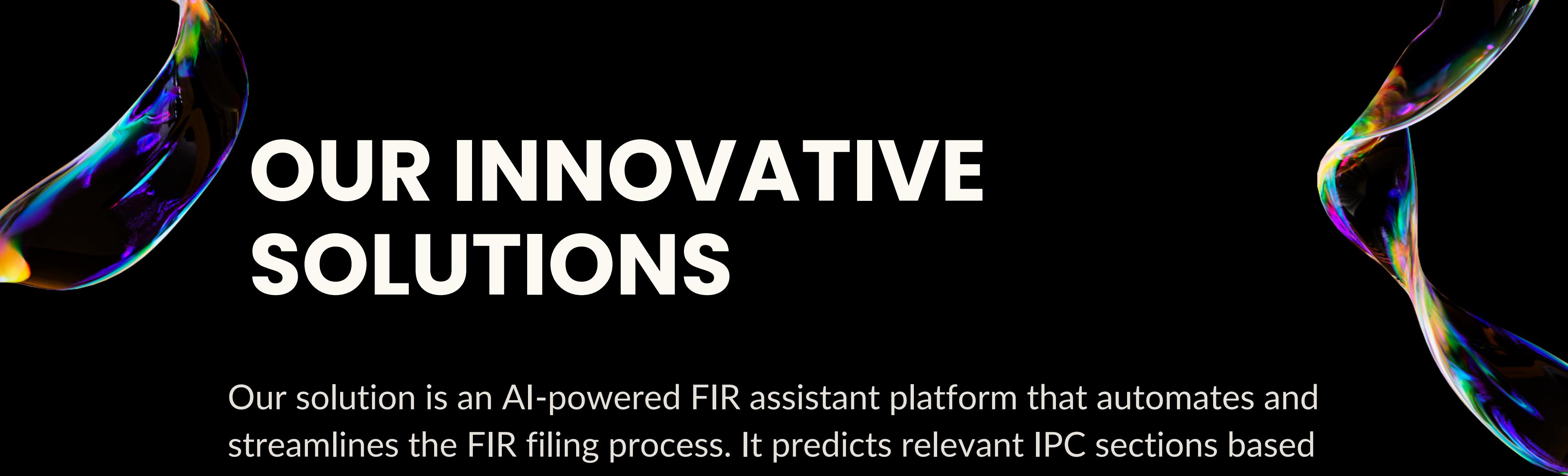


Need of LEGALTRACK ?

Filing FIRs is often hampered by inaccuracies, lack of legal knowledge, and manual errors, leading to delays, wrongful filings, and reduced public trust. Poor digitization and limited awareness of legal sections further weaken FIRs and compromise justice.

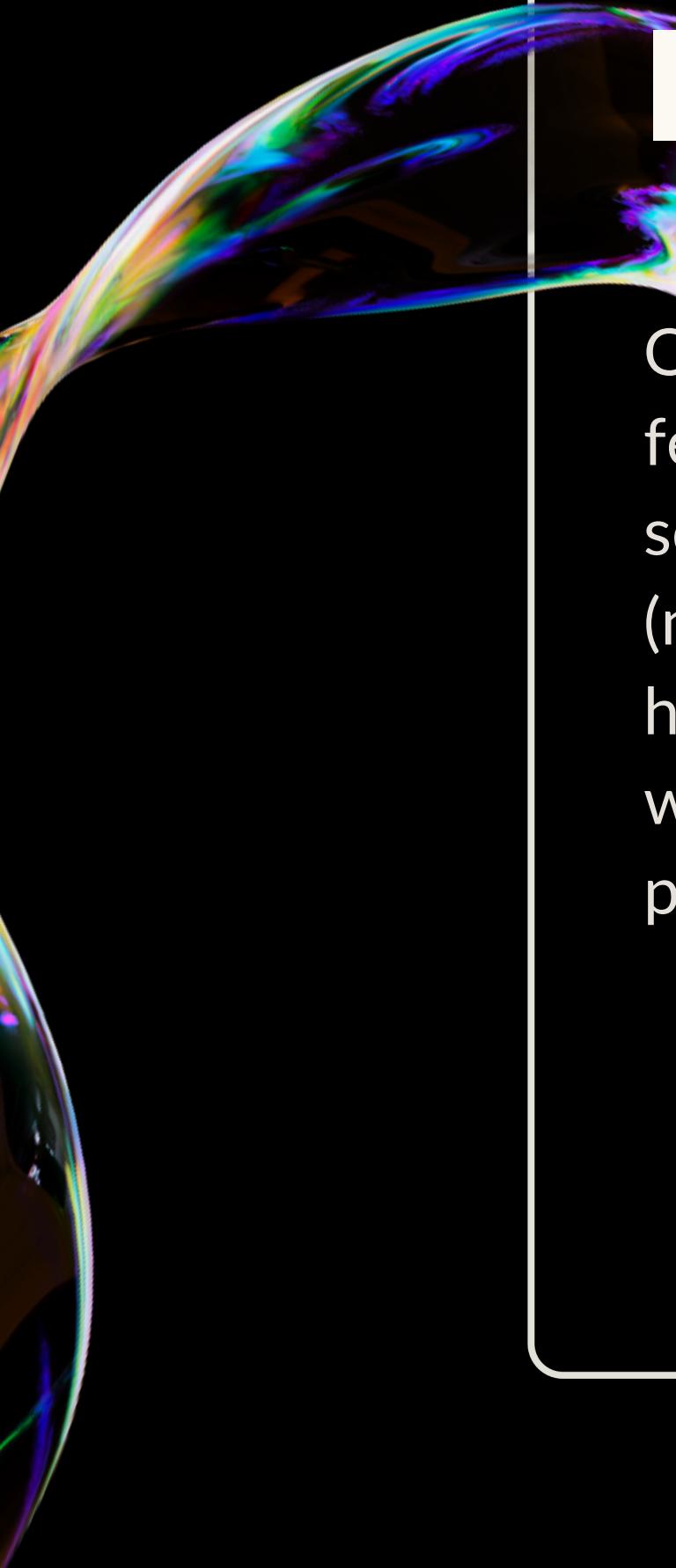
PROBLEM STATEMENT





OUR INNOVATIVE SOLUTIONS

Our solution is an AI-powered FIR assistant platform that automates and streamlines the FIR filing process. It predicts relevant IPC sections based on user-submitted incident details, offers real-time assistance via an AI chatbot, and provides voice-to-text support for quick data entry. The platform stores FIRs securely in either a centralized SQL database or Pinata IPFS for decentralized and tamper-proof storage. Additional features include clerk authentication, and planned enhancements include AI-based lawyer recommendations and a mobile application.



INTRODUCTION

Our AI-driven FIR assistance platform streamlines FIR filing with features like IPC section prediction, online form submission, and secure storage via SQL and Pinata IPFS. Users input basic details (name, location, incident info), and can use voice-to-text for hands-free filing. It includes a real-time legal chatbot and is built with Tailwind CSS, Framer Motion, ML, APIs, and SQL. Future plans include AI-based lawyer recommendations and a mobile app.

OBJECTIVES

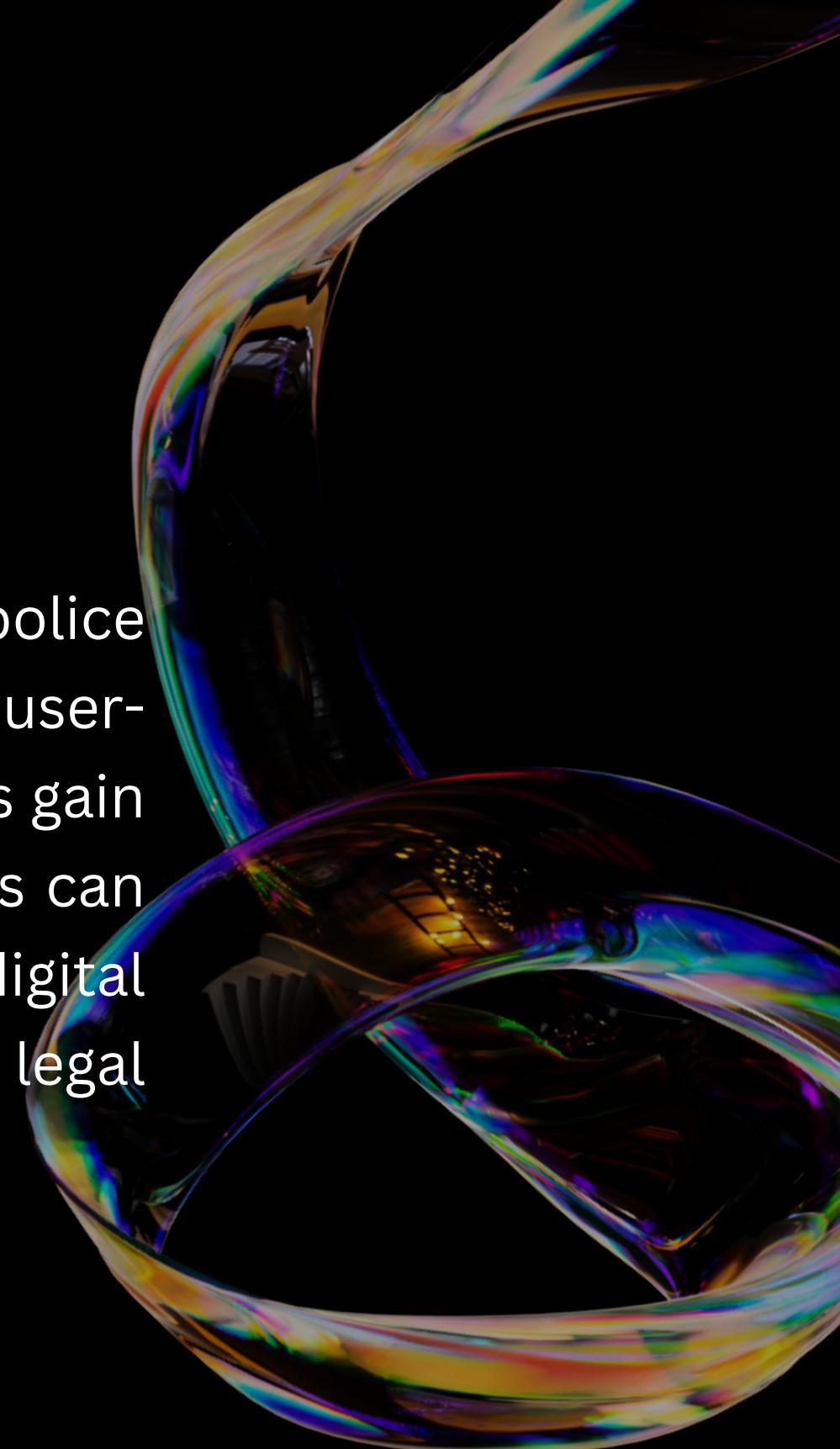


The primary objective of this project is to enhance the accuracy, accessibility, and efficiency of filing First Information Reports (FIRs) by integrating artificial intelligence and modern web technologies. By automating legal section suggestions and simplifying data entry through voice and chatbot features, the platform aims to reduce human error and legal ambiguities. Additionally, it ensures secure and tamper-proof FIR storage using decentralized blockchain solutions, making justice more accessible and transparent for all stakeholders involved.



TARGET USERS:

- This platform is designed for a wide range of users including general citizens, police officers, legal professionals, and government agencies. Citizens benefit from a user-friendly online portal to file FIRs without needing legal expertise. Police officers gain tools to file more accurate reports with less manual effort. Legal professionals can interact with better-documented cases, and agencies can maintain a secure, digital trail. The system is also ideal for regions seeking to modernize their legal documentation processes.



TECH STACK:

- Our tech stack supports a modern, responsive app with a robust frontend built using Next.js, React.js, Tailwind CSS, and Framer Motion for dynamic UI and smooth animations. Authentication is managed via Clerk.dev, and API calls use Axios. On the backend, we use Node.js and Express.js, integrating ML models(ANN) for IPC prediction and the OpenRouter API for AI interactions. Data is stored in MySQL, with decentralized storage via Pinata and IPFS. JWT handles secure token-based access. Additional tools include Web Speech API for voice input, and RESTful APIs with secure .env.local configurations. We use Postman for testing, Loom for demos, GitHub for collaboration, and plan to deploy on Vercel or Render.



FUTURE ASPECTS

- Mobile Version
- AI-based Lawyer Recommendation System: Smart matching based on legal specialization, ratings, and availability
- Case Management Dashboard for legal professionals
- Multilingual Support for wider accessibility

MEET THE TEAM



KRISH
SAPRA



MISHRITA





CONCLUSION

ALL-IN-ONE PLATFORM FOR LEGAL SERVICES

THANK YOU

for your time and attention

Presented by LEGALTRACK

