



AI-FIR VISION:

Unified AI Crime Reporting & Investigation Platform

“AI-powered FIR drafting and intelligent police investigation — all in one platform.”

The Challenge: Bridging the Gap in Public Safety

For Citizens:

- Difficulty articulating clear, structured First Information Reports (FIRs).
- Significant barriers due to language, literacy levels, and the stress of reporting a crime.
- Confusion navigating complex legal sections (IPC/CrPC/IT Act).
- Lack of guidance for organizing crucial evidence like photos and videos.
- Hesitation and fear in approaching law enforcement.



For Police:

- Manual verification of FIRs is time-consuming and resource-intensive.
- Inconsistent and unclear narratives from citizens lead to investigative hurdles.
- Absence of automated systems to link similar cases and detect patterns.
- Slow processes for identifying suspects from fragmented information.
- Underutilization of valuable CCTV footage and digital evidence.



The Result: Delayed justice, underreported crimes, and inefficient investigations impacting community trust.

Introducing AI-FIR Vision: A Dual-Powered Solution

AI-FIR Vision is a groundbreaking, unified AI platform meticulously designed to transform how crime is reported and investigated. It empowers citizens to easily file comprehensive FIRs and equips law enforcement with advanced AI automation for faster, more effective investigations.



Citizen Dashboard

AI FIR Assistant: Guiding citizens to file perfect, structured FIRs effortlessly.



Police Dashboard

AI Investigation Assistant: Accelerating case resolution through intelligent automation and insights.



Citizen Dashboard: Empowering Effortless FIR Creation

Our AI FIR Assistant simplifies the reporting process, ensuring clarity and completeness for every citizen.



Voice/Text to Structured FIR

Convert raw voice or text complaints into a perfectly drafted, structured FIR.



Automatic Case Classification

AI instantly categorizes incidents (theft, harassment, cybercrime, assault, accident, etc.) for efficient routing.



Intelligent Evidence Processing

Automated metadata extraction, smart labeling (e.g., "CCTV image," "chat screenshot"), and logical grouping of evidence within the FIR.



Legal Section Prediction

AI recommends relevant IPC/CrPC/IT Act sections based on the complaint narrative.



One-Click FIR Draft

Generate a submission-ready FIR draft with all details, structured for immediate action.

Police Dashboard: Igniting Intelligent Investigations

The AI Investigation Assistant provides law enforcement with powerful tools to expedite case resolution and enhance accuracy.

Similar FIR Discovery

AI identifies patterns, repeated incidents, and links to past suspects, uncovering crucial connections.

Automatic Suspect Identification

Matches FIR evidence with criminal records and alerts police when known individuals are implicated.

AI CCTV Tracking & Timeline

Tracks suspects across city cameras, pinpoints last known locations, and generates precise movement timelines.

Evidence Intelligence Hub

Detects contradictions, provides case insights, and suggests optimal investigation steps for a robust inquiry.

The Engine Beneath: AI-FIR Vision's Core Innovations

Our platform is built upon a foundation of cutting-edge AI technologies, designed for precision and performance.

Multi-Modal AI Integration

Seamlessly processes speech, text, images, and video for comprehensive analysis.

Facial Recognition & CCTV Analytics

Automated tracking and identification capabilities for digital evidence.

Vector Embeddings & Graph ML

Enables sophisticated similar FIR matching and crime graph mapping for deep insights.



NLP-Driven FIR Drafting

Advanced Natural Language Processing ensures accurate drafting and grammar correction.

ML-Powered Case Classification

Machine Learning algorithms rapidly and accurately categorize incidents.

Hybrid Legal Prediction

Combines Large Language Models (LLMs) with rule-based systems for precise legal section prediction.

Market Opportunity & Competitive Edge

Untapped Market Potential

- **15,000+ police stations** across India.
- Serving a population of over **1.3 billion**.
- High demand for “**smart policing**” and digital justice tools.



Clear Competitive Advantage

1

Government E-FIR Portals

Limited to basic form-filling; **lack AI capabilities**.

2

Foreign Predictive Policing

Focus primarily on crime prediction; **no FIR drafting integration**.

3

AI-FIR Vision

First-of-its-kind end-to-end platform for digital FIR + AI investigations in India.

Opportunity: To be the pioneering Indian solution for comprehensive digital FIR and AI-powered investigation, setting a new standard for public safety technology.

Prototype Development Roadmap: A Five-Month Sprint

Our agile development plan ensures rapid progression from concept to a fully integrated prototype.



Visuals of Prototype

Draft First Information Report (F.I.R)

Complainant Name

Address

Date & Time of Incident

25-11-2025 04:04 

Place of Occurrence



Evidence Metadata

File Name: WhatsApp Video 2025-11-25 at 09.33.29_21abf705.mp4

File Size: 2.67 MB

File Type: video/mp4

Authenticity Check



Video Appears Authentic

Confidence Score: 95%

The video appears to be an authentic, unmanipulated recording of a real-world event captured by an amateur.

Key Findings (Proofs):

- **Natural Motion:** The camera movement is shaky and inconsistent, typical of handheld recording from a moving person or vehicle.
- **Consistent Lighting:** The lighting is diffuse and consistent across the entire scene, which matches the visible overcast sky.
- **Natural Human Behavior:** The individuals in the crowd exhibit natural reactions, such as looking towards the accident and standing in casual groups.
- **Compression Artifacts:** The video contains visible compression artifacts common in files uploaded to social media, but no specific pixel distortions that would indicate targeted manipulation.
- **Benign Overlay:** The text overlays ('RAJGANJ', 'rajganjwale') are clearly post-production additions for social media context and do not alter the integrity of the underlying video footage.

Applicable Indian Penal Code (IPC) Sections

Section 279: Rash driving or riding on a public way

Whoever drives any vehicle, or rides, on any public way in a manner so rash or negligent as to endanger human life, or to be likely to cause hurt or injury to any other person.

Reasoning: The overturned vehicle strongly suggests it was being driven in a rash or negligent manner leading to the accident.

Section 337: Causing hurt by act endangering life or personal safety of others

Whoever causes hurt to any person by doing any act so rashly or negligently as to endanger human life, or the personal safety of others.

Reasoning: This section is applicable if any person involved in the accident sustained minor injuries due to the negligent act of driving.

Section 427: Mischief causing damage to the amount of fifty rupees

Whoever commits mischief and thereby causes loss or damage to the amount of fifty rupees or upwards.

Reasoning: The accident has resulted in significant damage to the commercial vehicle, which is a form of mischief under the IPC.

Section 283: Danger or obstruction in public way or line of navigation

Whoever, by doing any act, or by omitting to take order with any property in his possession or under his charge, causes danger, obstruction or injury to any person in any public way or public line of navigation.

AI-Suggested IPC Sections

Section 279: Rash driving or riding on a public way

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Reasoning: The accident has resulted in significant damage to the commercial vehicle, which is a form of mischief under the IPC.

Section 283: Danger or obstruction in public way or line of navigation

Whoever, by doing any act, or by omitting to take order with any property in his possession or under his charge, causes danger, obstruction or injury to any person in any public way or public line of navigation.

Reasoning: The overturned truck is physically obstructing a public highway, potentially causing danger to other road users.

Criminal Database

Detailed profiles and real-time status tracking

Search by name, ID or offense

<div><div><div></div></div><div>CR001</div></div> <div>AT LARGE</div>	<div><div><div>Ravi Kumar</div><div>Alias: Raja, RK</div></div><div><div>OFFENSE</div><div>Theft</div></div><div><div>AGE</div><div>32 Years</div></div></div> <div><div>📍 LAST KNOWN LOCATION</div><div>Mumbai Central Railway Station</div><div>🕒 Sighted: 2025-05-10</div></div> <div><div>PHYSICAL ATTRIBUTES</div><div>Height: 5'8"</div><div>Build: Medium</div><div>Marks: Scar on left eyebrow</div></div>
<div><div><div></div></div><div>CR002</div></div> <div>IN CUSTODY</div>	<div><div><div>Vikram Singh</div><div></div></div><div><div>OFFENSE</div><div>Fraud</div></div><div><div>AGE</div><div>45 Years</div></div></div> <div><div>📍 LAST KNOWN LOCATION</div><div>Tihar Jail, Delhi</div><div>🕒 Sighted: 2025-04-22</div></div> <div><div>PHYSICAL ATTRIBUTES</div><div>Height: 6'0"</div><div>Build: Heavy</div><div>Marks: Tattoo on right arm</div></div>
<div><div><div></div></div><div>CR003</div></div> <div>ON BAIL</div>	<div><div><div>Anita Desai</div><div>Alias: Techie</div></div><div><div>OFFENSE</div><div>Cybercrime</div></div><div><div>AGE</div><div>28 Years</div></div></div> <div><div>📍 LAST KNOWN LOCATION</div><div>Bangalore, Indiranagar</div><div>🕒 Sighted: 2025-05-11</div></div> <div><div>PHYSICAL ATTRIBUTES</div><div>Height: 5'4"</div><div>Build: Slim</div><div>Marks: Mole on chin</div></div>

<div><div>LIVE SURVEILLANCE</div><div>SYS STATUS: ONLINE</div></div> <div><div>CCTV AI Analysis</div><div>Facial Recognition & Suspect Tracking System</div></div> <div><div>Enter Target Name/ID...</div><div>Scan/Locate</div></div>		
<div><div>CAM-01 • Central Market Entrance</div><div>REC</div><div></div></div>	<div><div>CAM-02 • Railway Station Platform 4</div><div>REC</div><div></div></div>	<div><div>No active alerts.</div><div>System monitoring 4 camera feeds.</div></div>
<div><div>CAM-03 • City Center Mall Exit</div><div>REC</div><div></div></div>	<div><div>CAM-04 • Highway Toll Booth A</div><div>REC</div><div></div></div>	<div><div>SYSTEM LOG</div><div>> System Idle. Waiting for input.</div><div>> Connected to Server: 192.168.0.1</div><div>> FaceDB Loaded: 3 records</div></div>

Command Center

Overview of active operations and intelligence.

Live Ops

New Report

TOTAL FIRS

1

+2.4% 0 pending review

ACTIVE INVESTIGATIONS

1

+2.4% 1 suspects linked

WANTED SUSPECTS

1

+2.4% High priority alerts

CRIMINAL DATABASE

3

+2.4% Total records

Recent FIRs

View All →

FIR ID	SUBJECT	DATE	STATUS
FIR/2025/718881N48	<div>Student kidnapping</div> <div>Report regarding a missing studen...</div>	2025-05-12	Under Investigation

Active Suspects

VIEW ALL

R

Ravi Kumar

FIR/2025/718881N48

WANTED

Suspect Monitoring

Tracking individuals linked to active investigations

Search suspects...

<div><div>R</div><div>WANTED</div></div> <div><div>Ravi Kumar</div><div>Possible Match: Ravi Kumar</div></div> <div><div>RELATED CASE</div><div>FIR/2025/718881N48</div></div> <div><div>Confidence: N/A</div><div>Link Record</div></div>
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AI-FIR Vision: Our One-Line Pitch

“AI-FIR Vision automates citizen FIR creation and accelerates police investigations using case linking, suspect recognition, and AI CCTV tracking — all on one unified platform.”

