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# FIR FILING USING SOFTWARE

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## ABSTRACT

In today's digital age, software-based First Information Report (FIR) filing systems offer a more efficient and structured method for reporting crimes. This project presents an FIR filing system that utilizes software technology to enhance accessibility, accuracy, and security in the complaint registration process. By leveraging digital platforms, law enforcement agencies can streamline operations, minimize paperwork, and improve complaint tracking.

The system enables users to file FIRs through an interactive software application, capturing essential details such as the nature of the incident, location, and a brief description. It ensures a user-friendly interface and robust data security, making crime reporting more efficient and reliable.

**Keywords**: FIR Filing Software, Digital Law Enforcement, Crime Reporting System, Security Measures.

## I. INTRODUCTION

Filing a First Information Report (FIR) is a critical step in starting legal action against criminal activities. Typically, people have to go to police stations to report crimes, which can cause delays and discourage complaints. A digital FIR filing system offers a solution. This online platform lets users submit FIRs from anywhere, eliminating the need for in-person visits. The system safely stores key details, helping law enforcement process cases better. By simplifying the process, it saves time, boosts public trust, speeds up response times, and improves cooperation between authorities and citizens..

## II. METHODOLOGY

**User Registration and Authentication:**

- Users can access the FIR software through a web or mobile application.
- They create an account or log in through a secure authentication mechanism.
- Strong login protocols ensure that only authorized users can access the system.

**FIR Submission Process:**

- Users complete an FIR form by providing details such as:
- Type of incident (e.g., theft, harassment, accident)
- Location, date, and time of occurrence
- Description of the incident
- Supporting media or documents (if applicable)
- Before submission, the system generates a summary of the FIR details.
- A built-in audio feature allows victims to review the statement in their preferred language.
- Users can modify details if needed before final submission.
- Once confirmed, the FIR is officially sent to the police department for processing.

**Admin & Police Processing:**

- Authorized police personnel log in using secure credentials.
- They review complaints, verify information, and categorize cases based on priority.
- Users receive real-time updates on FIR status, such as "Under Review," "Investigating," or "Resolved."

**Security & Data Protection:**

- Encryption techniques safeguard user data.
- AI-based fraud detection ensures only legitimate complaints are processed.

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- Activity logs promote transparency and accountability within the system.
- OTP verification may be incorporated as needed for added security.

## III. MODELING AND ANALYSIS

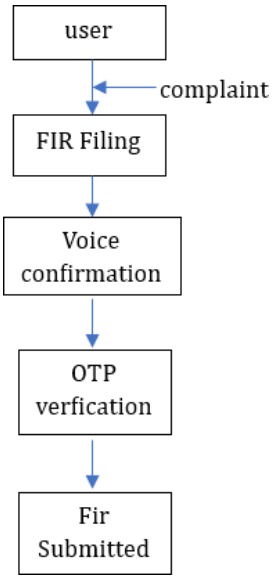
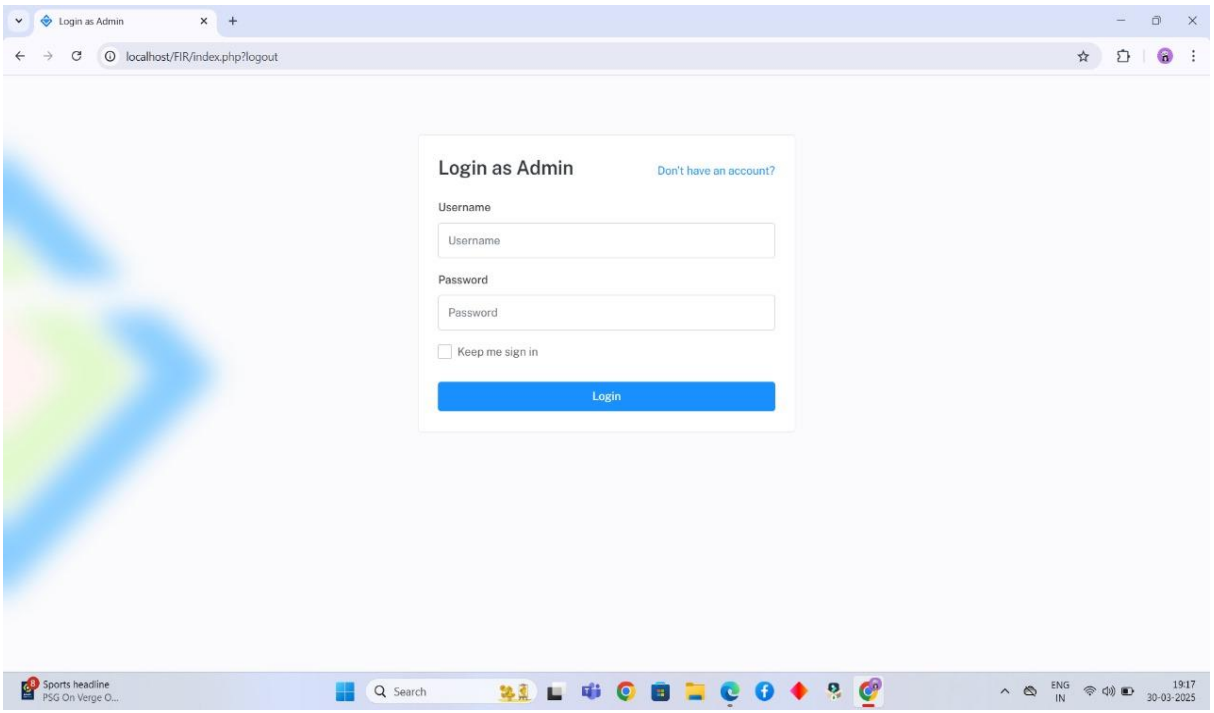



**Figure 1:** System Architecture

## IV. RESULTS AND DISCUSSION

The OTP-based FIR filing system verifies the victim's identity before the police register the complaint. When someone visits the police station, they receive an OTP on their phone for authentication. This process helps prevent false complaints and ensures authenticity. Most OTPs were delivered quickly, though some delays were noted. The system improves security and reliability, but enhancements like efficient.



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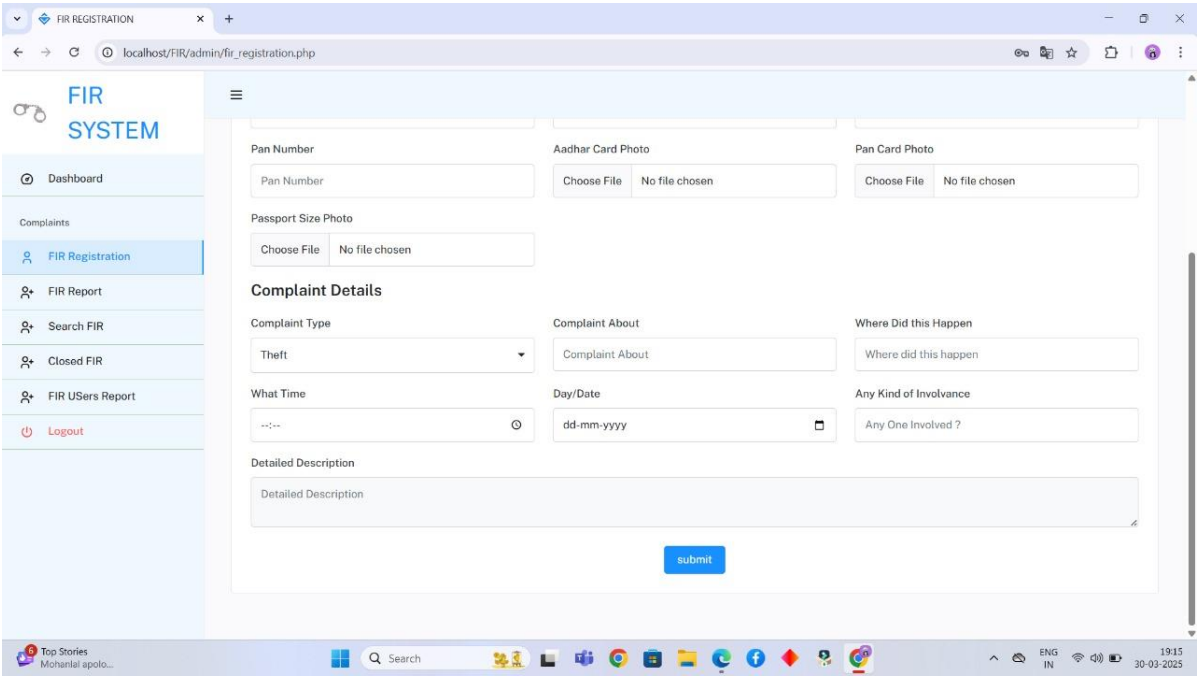


**Figure 2:**

The Login Page is where users sign in by entering their username and password. If the details are correct, they get access. Otherwise, we are asked to try again. Once logged in, the Home Page is where users can file complaints by filling in their details, describing the issue, and uploading necessary documents. After submitting, the complaint is recorded in the system. There's also a menu on the left to check reports, view closed cases, or log out.

## V. CONCLUSION

Implementing a software-based FIR filing system represents a significant step toward modernizing crime reporting. By utilizing technology, the system enhances accessibility, reduces bureaucratic inefficiencies, and ensures secure data management. It fosters transparency in law enforcement operations and encourages timely crime reporting.

However, challenges such as digital literacy gaps, cybersecurity risks, and adherence to legal regulations must be addressed for widespread adoption and system reliability.

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