

CRIME RECORD MANAGEMENT SYSTEM
A
PROJECT PRESENTATION
SUBMITTED
IN PARTIAL FULLFILLMENT FOR THE AWARD OF THE DEGREE OF
BACHELOR OF TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY



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OUTLINES OF PRESENTATION

- Introduction
- Problem Statement
- Literature Review
- Implementation Details
- Features and Functionality
- Testing and Evaluation
- Results and Analysis
- Future Work
- Conclusion

INTRODUCTION

- A centralized web-based system for crime record management.
- Objective: streamline police workflows and secure criminal data storage.
- Importance: improves law enforcement efficiency, accuracy, and accessibility.

PROBLEM STATEMENT

- Manual recordkeeping is prone to error, duplication, and inefficiency.
- Lack of centralized access to FIRs, criminal, and court data.
- Need for a secure and digital crime record system.

LITERATURE REVIEW

- Traditional systems used Excel/physical files.
- Existing digital systems lack flexibility or are expensive.
- PCRMS aims to be user-friendly, role-based, and fully customizable.

IMPLEMENTATION DETAILS

- Platform: Web-based application
- Frontend: HTML, CSS
- Backend: PHP
- Database: MySQL via phpMyAdmin
- Tools: VS Code, XAMPP

FEATURES & FUNCTIONALITY

- Admin: Manage users, stations, and reports.
- Police: Register FIRs, manage criminals and case info.
- Court: Update hearings, judgments.
- Role-based login with access controls.

TESTING AND EVALUATION

- Unit testing for modules: Login, FIR, Case, Court.
- Integration testing of full data flow.
- All critical test cases passed during demo phase.

RESULTS AND ANALYSIS

- Handled 50+ dummy crime and FIR records.
- Reduced report generation time significantly.
- Improved access control and security with role-based views.

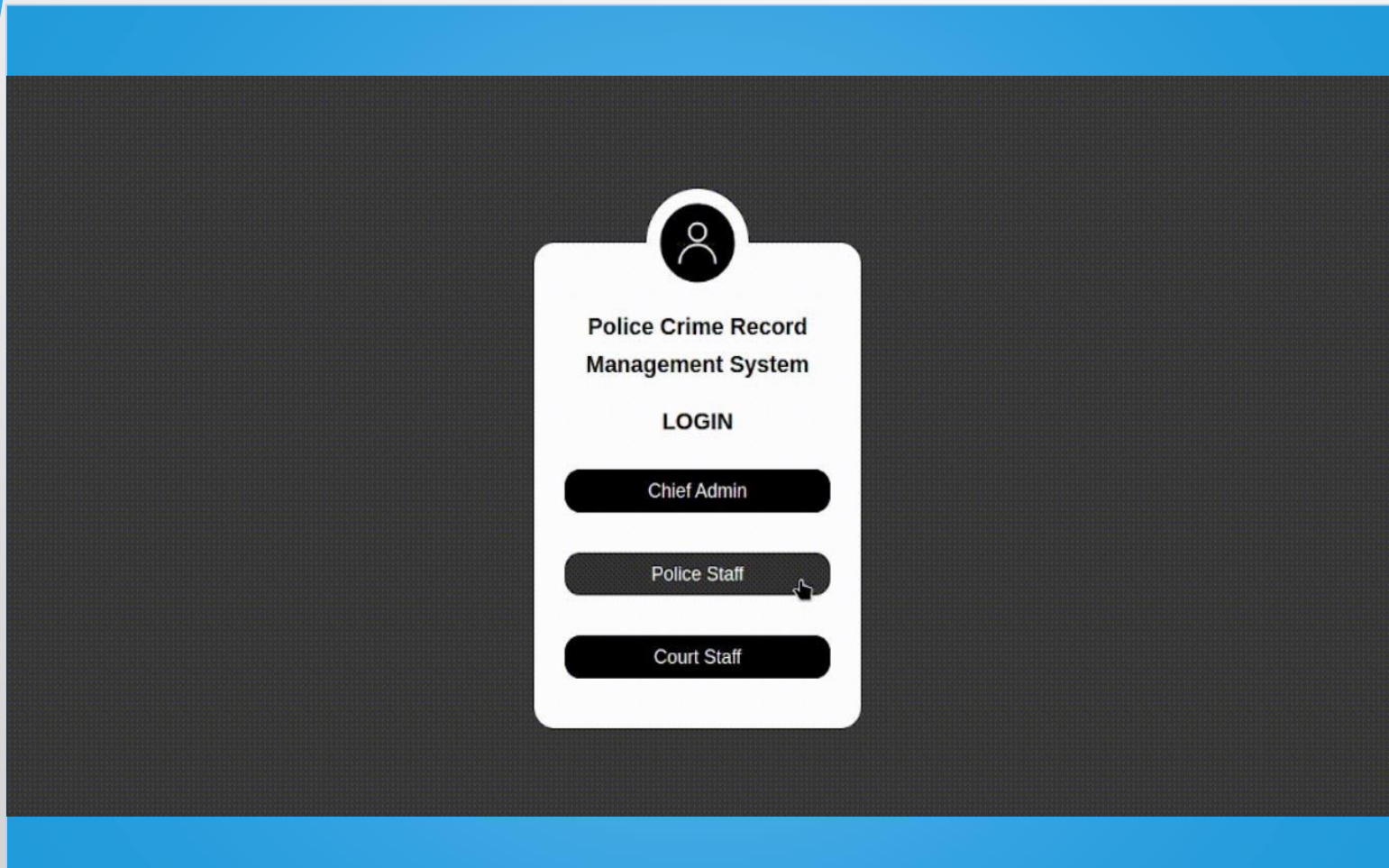
FUTURE WORK

- Add support for biometric login for police staff.
- Enable map-based crime visualization.
- Integrate analytics dashboard for crime trends.


CONCLUSION

- Developed a functional, modular PCRMS system.
- Digitized essential policing workflows.
- Gained hands-on experience in full-stack development using PHP and MySQL.

Login Page



The login page features a dark gray background with a blue header and footer. A white login card is centered, containing a user icon, the system name, a login title, and three role-based login buttons. A mouse cursor is hovering over the 'Police Staff' button.



**Police Crime Record
Management System**

LOGIN

Chief Admin

Police Staff

Court Staff

Criminal Record Module

[HOME](#) [Police](#) [Criminals](#) [Crimes](#) [Courts](#) [Prisons](#)

CRIMINALS

[Add Data](#) [Delete Data](#) [Edit Data](#) [Old Data](#)

Criminal ID: 35689

Criminal Name: Varun

Address: Cochin

Nationality: India

Crimes Comitted: Burglary

Criminal ID: 45286

Criminal Name: Dhruv

Address: Chennai

Nationality: India

Crimes Comitted: Kidnapping

Criminal ID: 45788

Criminal Name: Rashana

Address: Cochin

Nationality: India

Crimes Comitted: Cyberbullying

Criminal ID: 55468

Criminal Name: Raghav

Address: Banglore

Nationality: India

Crimes Comitted: Credit Card Fraud

Criminal ID: 75486

Criminal Name: Bhamini

Address: Mumbai

Nationality: India

Crimes Comitted: Drug Possession

Criminal ID: 85746

Criminal Name: Anand

Address: Thrissur

Nationality: India

Crimes Comitted: Identity Theft

Police Details Page

Police ID: 15478

Name: Kishore Kumar.J

Police Station: Malappuram

Contact: 9497996924

Police ID: 32587

Name: Ravi K

Police Station: Kollam

Contact: 9497996908

Police ID: 44442

Name: R Rajeev

Police Station: Kannur

Contact: 94979

Police ID: 45645

Name: Sabu Mathew.K.M

Police Station: Kottayam

Contact: 9497996947

Police ID: 45698

Name: Neeraj Kumar Gupta IPS

Police Station: Kochi

Contact: 9497998992

Police ID: 45879

Name: S.Syamsundar IPS

Police Station: Calicut

Contact: 9497997999

Police ID: 54555

Name: Prasanthan Kani. B.K

Police Station: Alappuzha

Contact: 9497996951

Police ID: 78441

Name: Sudarsan. K.S

Police Station: Thrissur

Contact: 9497996948

Police ID: 78542

Name: P Vijayan IPS

Police Station: Trivandrum

Contact: 9497977123

Police ID: 78952

Name: RB Krishna

Police Station: Cochin

Contact: 9497996997

Police ID: 85469

Name: G. Sparjan Kumar IPS

Police Station: Trivandrum

Contact: 9497996904