



# Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

## Project Kit

### Title of the Project

Crime Management Record System.

### Abstract of the project

The **Crime Record Management System (CRMS)** is a web-based application developed using PHP and MySQL. It enables secure, efficient, and digital management of crime records, criminal profiles, FIRs, and court proceedings. The system includes user authentication and role-based access for administrators, police officers, and court officials. With an intuitive interface built using HTML and CSS, and a structured backend using PHP and MySQL, this project replaces paper-based processes and provides better accessibility, tracking, and transparency in law enforcement.

### Keywords

#### Generic Keywords

Crime Tracking, Enforcement

#### Specific Technology Keywords

HTML, CSS, JavaScript, PHP

#### Project Type keywords

Web Application, CRUD System, Role-Based Access Control

### Functional Components of the Project

Following is a list of functionalities of the system. You can add more based on your final implementation.

#### Users of the System:

- Admin
- Police Officer
- Court Official

### Menu Should Contain the Following Pages

- **Login Page**  
Authenticates users based on role (admin/police/court). If credentials are invalid, show an error message.
- **Admin Dashboard**  
Admin has full control over the system. Can add/edit/delete:
  - Police data
  - Criminal records
  - Court case information
- **Criminal Record Page**  
Manage criminal profiles with name, crime type, age, gender, and image upload.
- **Crime Data Page**  
Maintain data about specific crimes (description, location, type, police station involved).
- **Court Data Page**  
Stores data on case status, judgment, and linked FIR/criminal information.
- **Complaint/Report Filing Page**  
Allows data entry of FIRs, citizen complaints, or filed reports.
- **Search/Filter Page**



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Allows filtering records based on name, date, crime type, or station.

- **User Management Page**  
Admin can add new users or change roles/access levels.
- **Export to CSV**  
Data tables (crimes, criminals, cases) can be exported for report purposes.
- **Feedback Page**  
Optional: allows users to submit reviews or issues with the system.
- **Help/Support Page**  
Provide static content for help instructions and contact details.
- **Logout Button**  
Ends session securely and redirects to the welcome/login page.

### Steps to Start-Off the Project

1. Understand the tech stack (HTML, CSS, PHP, MySQL).
2. Install and configure XAMPP/WAMP (Apache + MySQL).
3. Design database schema using phpMyAdmin.
4. Create frontend HTML/CSS templates.
5. Write backend PHP scripts for login, insert, delete, and update operations.
6. Apply CRUD operations to all modules.
7. Perform unit testing and integrate modules.
8. Implement CSV export and admin restrictions.
9. Finalize UI and test for different roles.

### Requirements :-

#### Hardware requirements -

Number	Description	Alternatives (If available)
1	PC with 512GB hard-disk and 8GB RAM	Not-Applicable

#### Software requirements -

Number	Description	Alternatives (If available)
1	Windows 11 with MS-office	Not Applicable
2	PHP	
3	MS-SQL server	Oracle
4	Windows	Linux

#### Manpower requirements

2 students can complete this in 4 – 6 months if they work fulltime on it.

#### Milestones and Timelines



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Number	Milestone Name	Milestone Description	Timeline Week no. from the	Remarks
			start of the project	
1	Requirements Specification	Complete specification of the system (with appropriate assumptions) that constitutes this milestone. A document detailing the same should be written and a presentation on that be made.	2-3	Attempt should be made to add some more relevant functionalities other than those that are listed in this document.
2	Technology familiarization	Understanding of the technology needed to implement the project.	4-5	The presentation should be from the point of view of being able to apply it to the project, rather than from a theoretical perspective.
3	Database creation	Design and create tables in MySQL: users, crimes, cases, etc.	5-7	It is important to finalize on the database at this stage itself so that development and testing can proceed with the actual database itself.
4	Implementation of the front-end of the system	Implementation of the main screen giving the login facility, screen that follows the login giving various options, screens for each of the options.	10-12	During this milestone period, it would be a good idea for the team (or one person from the team) to start working on a test-plan for the entire system. This test-plan can be updated as and when new scenarios come to mind.



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5	Integrating the front-end with the database	The front-end developed in the earlier milestone will now be able to update the database. Other features like. In short, the system should be ready for integration testing.	12-13	During this period Integrating the frontend with the backend it is a fundamental step in developing a web application
6	Integration Testing	The system should be thoroughly tested by running all the testcases written for the system (from milestone 5).	14-15	Another 2 weeks should be there to handle any issues found during testing of the system. After that, the final demo can be arranged.
7	Final Review	Issues found during the previous milestone are fixed and the system is ready for the final review.	16-18	During the final review of the project, it should be checked that all the requirements specified during milestone number 1 are fulfilled (or appropriate reasons given for not fulfilling the same)

### Guidelines and References ☐

<https://www.phptutorial.net/>  
<https://www.mysqltutorial.org/>  
<https://www.w3schools.com/>  
<https://www.phpmyadmin.net/>