



# Wap Institute

AN INTERNATIONAL BRAND OF SOFTWARE ENGINEERING EDUCATION

ACCREDITED BY UNITED ACCREDITATION FOUNDATION

## INTERNSHIP ACCEPTANCE LETTER

This is to certify that Mr./Miss/Mrs ..... Vandana Singh.....

S/o, D/o, W/o ..Shri Madhav Singh ..... has started

industrial Internship as a WEB Developer Intern from the date of ..10.01.2021,

0

in out Organization. Your duties and assignments for this position are as

developer on project titled .... Online Crime Report.....

Reg/No : .....WP46265426.....

S/No : .....WP SE WD/230.....

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bihar 842001 cell : +91 8889426143

## Monthly Report

Start Date	Class/Task	Completion	Task Status	Remark
15 jan	What is PHP?, What do I need?, installation instruction on windows, online compiler tools, enabled first page	Yes	done	
16-19 jan	Basic syntax, variables, constants, Data-types (Arithmetic, Assignment, Comparison)	Yes	done	
21-22 jan	Operators, Control Structure if, else, elseif	Yes	done	
25 jan	HTML introduction and tags	Yes	done	
27-30 jan	HTML Other tags	Yes	done	
1-5 Feb	HTML Tags with CSS style	Yes	done	
8-11 Feb	HTML form controls	Yes	done	
12-17 Feb	HTML tags and HTML Forms with PHP	Yes	done	
18-20 Feb	Example of HTML form with php	Yes	done	
20-26 Feb	Control Structures: Looping statements	Yes	done	
1-4 March	Array, and Foreach loop	Yes	done	
5-9 March	Break, continue, require, include, require_once, include_once	Yes	done	
10-12 Marc	Switch case statement and php with html code embedded.	Yes	done	
15-17 Marc	File handling	Yes	done	
18-22 Marc	Functions User defined function, Function argument, Return values	Yes	done	
23-25 Marc	,Internal function	Yes	done	
26 Marc	Other internal function like date time etc.	Yes	done	
27 Marc	Random function and other predefined php function	Yes	done	

Date	Class/Task	Completion	Task Status	Remark
29-31 Mar	Random function and other predefined php function	Yes	done	
01-6 April	CSS all basic properties and values	Yes	done	
7 April	Bootstrap	Yes	done	
8 April	Bootstrap	Yes	done	
9-13 April	Bootstrap	Yes	done	
15 April	Bootstrap with Js	Yes	done	
16-21 April	Dynamic Programming concept	Yes	done	
22 April	GUI MySQL	Yes	done	
23-24 April	GUI MySQL	Yes	done	
26 April	MySQL with PHP (connection and Create)	Yes	done	
27 April	MySQL records table operation with GUI Insert, Read, Update, Delete	Yes	done	
28-30 April	MySQL records table operation with GUI Insert, Read, Update, Delete	Yes	done	
03 May	Session, Cryptography Sha1	Yes	done	
04 May	php functions	Yes	done	
05-10 May	Explain pages ( Sign up, Sign in, List, View)	Yes	done	
11-13 May	Explain Access control modifier user and admin	Yes	done	
14-24 May	JavaScript basic and Advance (Data-Tables)	Yes	done	
25 May	SDLC	Yes	done	
26 May	Project Demo	Yes	done	
27-31 May	Project Basci Page	Yes	done	
01-13 May	Pages with CUIRD Operation	Yes	done	
14-15 May	Simple Login Registration Papge	Yes	done	



# Wap Institute

AN INTERNATIONAL BRAND OF SOFTWARE ENGINEERING EDUCATION

ACCREDITED BY UNITED ACCREDITATION FOUNDATION

CERTIFICATION IN SHORT TERM COURSE

This is to certify that Mr./Miss/Mrs ..... Vandana singh .....

S/o, D/o, W/o ..... Shri Madhav singh ..... has successfully

completed & passed the online training entitled ..... PHP with project .....

..... Online Crime Report ..... conducted from ...10-01-2021...

to ... 10-06-2021 ..... his/her performance has been grade ..... A .....

Reg/No : ..... WP46265426 .....

S/No : ..... WP SE WD/230 .....

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# JABALPUR ENGINEERING COLLEGE



A SYNOPSIS ON  
**Online Crime Report**  
(Web Based System)

Submitted to the

**RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA**  
(UNIVERSITY OF MADHYA PRADESH ), B HOPAL

In partial fulfillment of the requirement for the award of the Degree of

**MASTER OF COMPUTER APPLICATION**

Submitted to

**JABALPUR ENGINEERING COLLEGE**

Jabalpur (M.P.)

**Submitted To**

Dr. Samar Upadhyay  
Head of Department

**Submitted by**

Vandana Singh  
0201CA181038

MCA SIXTH SEMESTER  
SESSION 2021

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## About the Project

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The project titled as “**Online Crime Reporting**” is a web based application. This software provides facility for reporting online crimes, complaints, missing persons, show most wanted person details , show snatchers, show unidentified dead bodies, stolen vehicles as well as messaging.

Any Number of clients can connect to the server. Each user first makes their login to sever to show their availability. The server can be any Web Server.

The **Online Crime Report** project is to provide all crime management solutions which are easily accessible to everyone. The Crime application starts with the common people who want to log a complaint through the website so it can be very useful for police department to find out the problem in the society without people are coming to the police station every time.

## Objectives the Project

---

The project aims and objectives that will be achieved after completion of this project are discussed in this subchapter. The aims and objectives are as follows.

- The product provides a framework within which a user can easily work with. That was out next objective. We know users are of many categories, like users from who know working with computers very well to users who didn't know about computers. So all the category can use the software. So it should be user friendly.
- The product provides a framework, which is error free. We know a crime management system is actually a critical process having many calculations and operations. So each simple error laid to big problem. So it should be error free and our objective is to build error free software.
- The software is made to work efficiently and effectively. It results in regular and timely action against crime reported. It can be observed that the information can be obtained easily and accurately.



# Module

---

## 1. NORMAL USER

### 1.1 USER LOGIN

#### **Description of feature**

This feature used by the user to login into system. They are required to enter user id and password before they are allowed to enter the system

.

The user id and password will be verified and if invalid id is there user is allowed to not enter the system.

- user id is provided when they register
- The system must only allow user with valid id and password to enter the system
- The system performs authorization process which decides what user level can access to.
- The user must be able to logout after they finished using system.

### 1.2 REGISTER NEW USER

#### **Description of feature**

This feature can be performed by all users to register new user to create account.

#### **Functional requirements**

- System must be able to verify information
- System must be able to delete information if information is wrong

## 2. ADMIN

### 2.1 ADMIN LOGIN

#### **Description of feature**

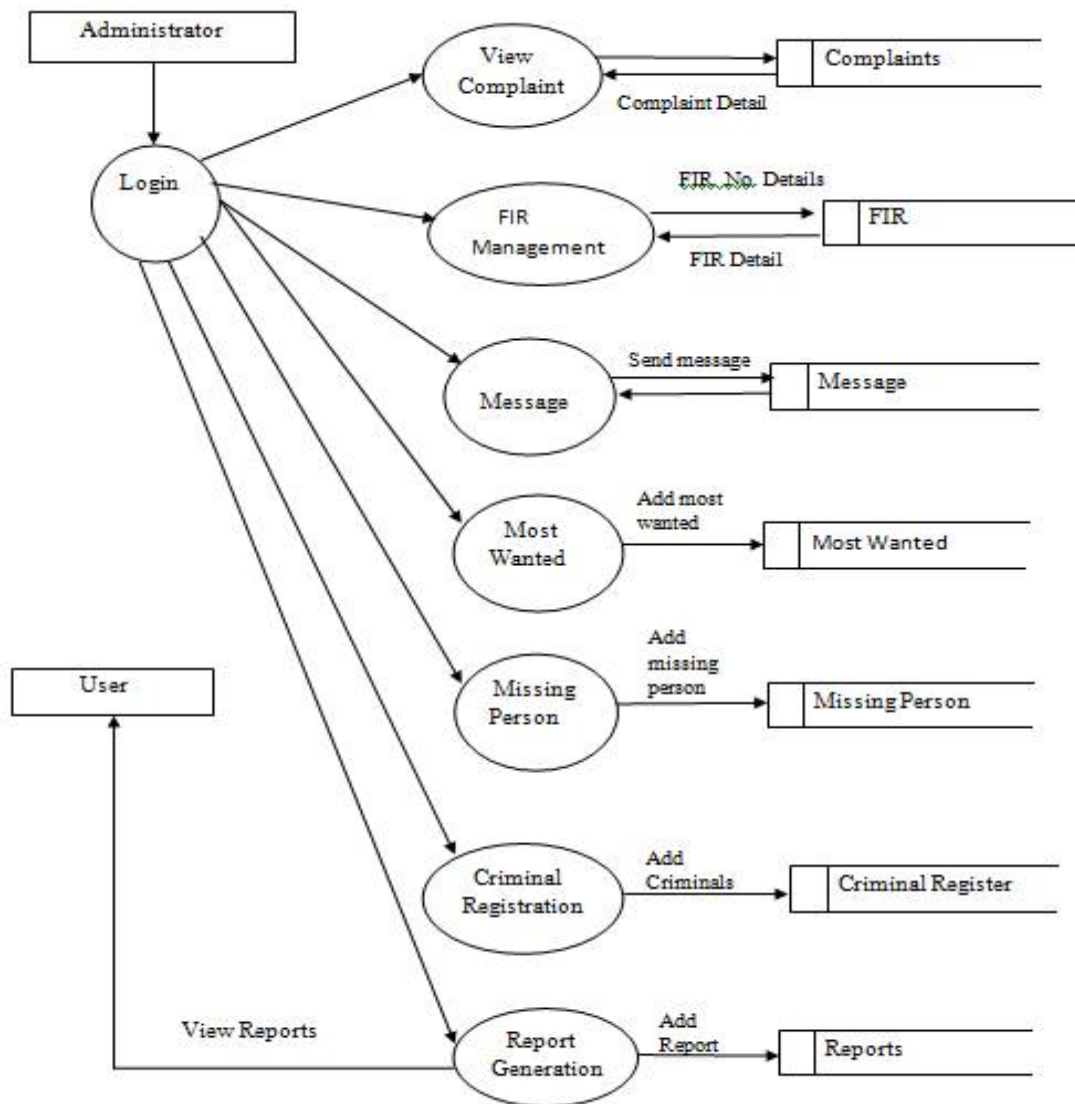
This feature used by the user to login into system. They are required to enter user id and password before they are allowed to enter the system .

The user id and password will be verified and if invalid id is there user is allowed to not enter the system.

- The system must only allow user with valid id and password to enter the system
- The system performs authorization process which decides what user level can access to.
- The user must be able to logout after they finished using system.

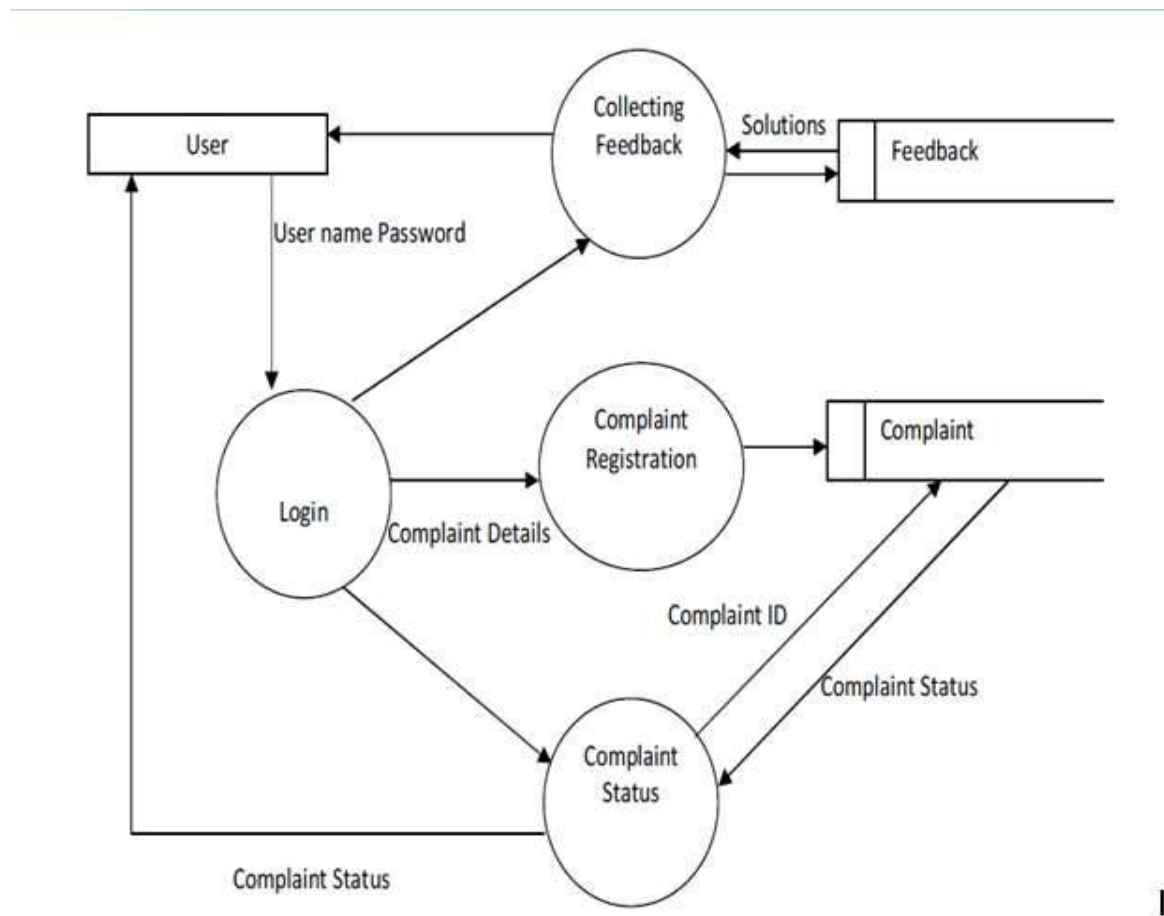
# DFD

## 1. DATA FLOW DIAGRAM FOR ADMIN LOGIN



After entering to the home page of the website, Admin can choose the Admin Login option where they are asked to enter username & password, and if he/she is a valid user then a teacher login page will be displayed.

## 2. USE CAESE DIAGRAM FOR USER







After entering to the home page of the website , student can choose the USER LOGIN option where they are asked to enter username & password , and if he/she is a valid user then a student login page will be displayed.





## Hardware Requirement

---

### Client Side

RAM	64 MB (Recommended)	
Fixed disk	200 MB free Space	
Pointing Device	Mouse or Compatible	
Connecting device	Modem or Phone(Recommended)	


### Server Side

Computer	Intel® or Compatible Any Pentium Processor	
Memory (RAM)	1GB RAM minimum	
Hard Disk Space	Minimum Space for Software 80 GB Actual requirements will vary based on System configuration and the applications and features chosen to install as well as SQL Server Space Allocation	
External Storage Device (Pen Drive)	Required for Installation	






# Software Requirement

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## Client Side

Browser	Any Browser	
---------	-------------	---

## Server Side

Operating System	Windows XP SP2 or Above	
Front end	PHP 5.2.5 or Above	
Development Platform (IDE)	Visual Studio Code	
Backend	MySQL 5.0.51 or Above	
Server API	Apache/2.2.8 (Win32) DAV	



# About Technology

---

The front end is designed using of html , Php ,css, Java script

- **HTML- Hyper Text Markup Language**

the main markup language for creating web pages and other information that can be displayed in a web browser. HTML is written in the form of HTML elements consisting of tags enclosed in angle brackets (like <html>), within the web page content. HTML tags most commonly come in pairs like <h1> and </h1>, although some tags represent empty elements and so are unpaired, for example <img>. The first tag in a pair is the start tag, and the second tag is the end tag (they are also called opening tags and closing tags). In between these tags web designers can add text, further tags, comments and other types of text-based content. The purpose of a web browser is to read HTML documents and compose them into visible or audible web pages. The browser does not display the HTML tags, but uses the tags to interpret the content of the page. HTML elements form the building blocks of all websites. HTML allows images and objects to be embedded and can be used to create interactive forms. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. It can embed scripts written in languages such as JavaScript which affect the behavior of HTML web pages.

- **CSS- Cascading Style Sheets**

is a style sheet language used for describing the look and formatting of a document written in a markup language. While most often used to style web pages and interfaces written in HTML and XHTML, the language can be applied to any kind of XML document, including plain XML, SVG and XUL. CSS is a cornerstone specification of the web and almost all web pages use CSS style sheets to describe their presentation. CSS is designed primarily to enable the separation of document content from document presentation, including elements such as the layout, colors, and fonts.

This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple pages to share formatting, and reduce complexity and repetition in the structural content (such as by allowing for table less web design)

CSS can also allow the same markup page to be presented in different styles for different rendering methods, such as on-screen, in print, by voice (when read out by a speech-based browser or screen reader) and on Braille-based, tactile devices. It can also be used to allow the web page to display differently depending on the screen size or device on which it is being viewed. While the author of a document typically links that document to a CSS file, readers can use a different style sheet, perhaps one on their own computer, to override the one the author has specified. However if the author or the reader did not link the document to a specific style sheet the default style of the browser will be applied. CSS specifies a priority scheme to determine which style rules apply if more than one rule matches against a particular element. In this so-called cascade, priorities or weights are calculated and assigned to rules, so that the results are predictable.

- **js- JavaScript**

is a dynamic computer programming language. It is most commonly used as part of web browsers, whose implementations allow client-side scripts to interact with the user, control the browser, communicate asynchronously, and alter the document content that is displayed. It is also being used in server-side programming, game development and the creation of desktop and mobile applications. JavaScript is a prototype-based scripting language with dynamic typing and has first-class functions. Its syntax was influenced by C. JavaScript copies many names and naming conventions from Java, but the two languages are otherwise unrelated and have very different semantics. The key design principles within JavaScript are taken from the Self and Scheme programming languages. It is a multi-paradigm language, supporting object-oriented, imperative, and functional programming styles. The application of JavaScript to use outside of web pages—for example, in PDF documents, site-specific browsers, and desktop widgets—is also significant. Newer and faster JavaScript VMs and platforms built upon them (notably Node.js) have also increased the popularity of JavaScript for server-side web applications. On the client side, JavaScript was traditionally implemented as an interpreted language but just-in-time compilation is now performed by recent (post-2012) browsers.

- **PHP – Hypertext PreProcessor**

**PHP** a server-side scripting language designed for webdevelopment but also used as a general-purpose programming language. PHP is now installed on more than 244 million websites and 2.1 million web servers. Originally created by Rasmus Lerdorf in 1995, Rasmus Lerdorf in 1995, the reference implementation of PHP is now produced by The PHP Group. While PHP originally stood for Personal Home Page, it now stands for PHP: HypertextPreprocessor, a recursive backronym. PHP code is interpreted by a webserver with a PHP processor module, which generates the resulting web page: PHP commands can be embedded directly into an HTML source document rather than calling an external file to process data. It has also evolved to include a command-line interface capability and can be used in standalone graphical applications. PHP is free software released under the PHP License. PHP can be deployed on most web servers and also as a standalone shell on almost every operating system and platform, free of charge.

- **MySQL DataBase**

("My S-Q-L", officially, but also called "My Sequel") is (as of July 2013) the world's second most widely used open-source relational database management system (RDBMS). It is named after co-founder Michael Widenius daughter, My. The SQL phrase stands for Structured Query Language. The MySQL development project has made its source code available under the terms of the GNU General Public License, as well as under a variety of proprietary agreements. MySQL was owned and sponsored by a single for-profit firm, the Swedish company MySQL AB, now owned by Oracle Corporation .MySQL is a popular choice of database for use in web applications, and is a central component of the widely used LAMP open source web application software stack (and other 'AMP' stacks). LAMP is an acronym for "Linux, Apache, MySQL, Perl/PHP/Python." Free-software-open source projects that require a full-featured database management system often use MySQL. For commercial use, several paid editions are available, and offer additional functionality. Applications which use MySQL databases

include: TYPO3, MODx, Joomla, WordPress, phpBB, MyBB, Drupal and other software. MySQL is also used in many high-profile, large-scale websites, including Wikipedia, Google (though not for searches), Facebook, Twitter, Flickr, and YouTube



# Online Crime Report

# Online Crime Report

## (Web Based System)

*A Major Project Report submitted to  
Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal  
in partial fulfillment of the requirements for the award of*

*Degree of*

MASTER OF COMPUTER APPLICATION

in

**JABALPUR ENGINEERING COLLEGE**

*by*

**Vandana Singh (0201CA181038)**

*Under the guidance of*

**Mr. Rajkumar Parihar**  
(WAP Institute)



MCA Sixth Semester

Session: 2020-2021

**Department of Computer Science & Engineering**  
**Jabalpur Engineering College, Jabalpur**  
**(Madhya Pradesh)**

# JABALPUR ENGINEERING COLLEGE



## DECLARATION

Student is by declare that this Project Report tittled

# **Online Crime Report**

**(Web Based System)**

Submitted in partial fulfillment for the award of “MASTER of COMPUTER APPLICATION” is a result of authentic analysis and the research undertaken by us. This same will be used only and only for the academic purpose and noting other than this.

Vandana Singh  
**0201CA181038**



# JABALPUR ENGINEERING COLLEGE



## ACKNOWLEDGEMENT

The completion of any interdisciplinary project depends upon co-operation, co-ordination and combined effort of several sources of knowledge, energy and time. Hence we approach this matter of acknowledgement through these lines trying our best to give credit wherever it is due.

We are extremely thankful to Dr. Samar Upadhyay [HOD] it would be impossible for us to carry out this project without their continuous guidance and support.

We should also like to extend our thanks to other teachers for helping us to understand the basic system.

It is our proud privilege to express our heart full gratitude and renewable, regard for their abounding and able guidance inspiration and constructive criticism the tenure of project work,

**Submitted by:**

Vandana Singh

**0201CA181038**

# JABALPUR ENGINEERING COLLEGE



## CERTIFICATE

This is to certify that student of Master of Computer Application at **JABALPUR ENGINEERING COLLEGE** as has completed the project entitled.

## **Online Crime Report**

**(Web Based System)**

We are submitting the project in partial fulfillment of the Degree of **MASTER OF COMPUTER APPLICATION** from **JABALPUR ENGINEERING COLLEGE** for academic year 2020-21.

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(Internal Examiner )

---

(External Examiner)

# JABALPUR ENGINEERING COLLEGE



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(Web Based System)

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---

Dr. Samar Upadhyay  
(Head of the Department)

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## Abstract

The project titled as “**Online Crime Reporting**” is a web based application. This software provides facility for reporting online crimes, complaints, missing persons, show most wanted person details , show snatchers, show unidentified dead bodies, stolen vehicles as well as messaging.

Any Number of clients can connect to the server. Each user first makes their login to sever to show their availability. The server can be any Web Server.

The **Online Crime Report** project is to provide all crime management solutions which are easily accessible to everyone. The Crime application starts with the common people who want to log a complaint through the website so it can be very useful for police department to find out the problem in the society without people are coming to the police station every time.

# **CHAPTER 1**

## **INTRODUCTION**

This chapter gives an overview about the aim , objectives ,background and operation environment of the system.

### **1.1 PROJECT AIMS AND OBJECTIVES**

The project aims and objectives that will be achieved after completion of this project are discussed in this subchapter. The aims and objectives are as follows:

- The product provides a framework within which a user can easily work with. That was out next objective. We know users are of many categories, like users from who know working with computers very well to users who didn't know about computers. So all the category can use the software. So it should be user friendly.
- The product provides a framework, which is error free. We know a crime management system is actually a critical process having many calculations and operations. So each simple error laid to big problem. So it should be error free and our objective is to build error free software.
- The software is made to work efficiently and effectively. It results in regular and timely action against crime reported. It can be observed that the information can be obtained easily and accurately.

### **1.2 BACKGROUND OF PROJECT**

The system requires very low system resources and the system will work in almost all configurations. It has got following applications.

- Ensure data accuracy's.
- Proper control of the higher officials.
- Minimize manual data entry.



- Minimum time needed for the various processing.
- Greater efficiency.
- Better service.
- User friendly and interactive.
- Minimum time required.
- Provide security.

### **1.3 OPERATION ENVIRONMENT**

Processor	Intel Core Processor or Better Performance
Operating System	Windows Vista, Windows 7, Windows 10, Ubuntu
Memory	1 GB RAM or More
Hard Disk Space	Minimum 3 GB for DataBase Usages for Future
DataBase	MySQL

## **CHAPTER 2**

### **SYSTEM ANALYSIS**

In this chapter, we will discuss and analyze about the developing process of **Online Crime Report** including software requirement specification (SRS) and comparison between existing and proposed system . The functional and non functional requirements are included in SRS part to provide complete description and overview of system requirement before the developing process is carried out. Besides that, existing vs proposed provides a view of how the proposed system will be more efficient than the existing one.

## 2.1 SOFTWARE REQUIREMENT SPECIFICATION

### 2.1.1 GENERAL DESCRIPTION

#### PRODUCT DESCRIPTION:

**Online Crime Report** is a computerized system which helps The product provides a framework within which a user can easily work with. That was out next objective. We know users are of many categories, like users from who know working with computers very well to users who didn't know about computers. So all the category can use the software. So it should be user friendly

the risk of paper work such as file lost, file damaged and time consuming. It can help user to manage the transaction or record more effectively and time saving.

#### PROBLEM STATEMENT:

The problem occurred before having computerized system includes:

- File lost

When computerized system is not implemented file is always lost because of human environment. Some times due to some human error there may be a loss of records.

- File Damaged

When a computerized system is not there file is always lost due to some accident like spilling of water by some member on file accidentally. Besides some natural disaster like floods or fires may also damage the files.

- Difficult to search records

When there is no computerized system there is always a difficulty in searching of records if the records are large in numbe

- Space consuming

After the number of records become large the space for physical storage of file and records also increases if no computerized system is implemented.

- Const consuming

As there is no computerized system the to add each record paper will be needed which will increase the cost for the management of library.

## 2.1 .2 SYSTEM OBJECTIVES

- **Improvement in control and performance**

The system is developed to cope up with the current issues and problems of criminal records, The system can add user, validate user and is also bug free.

- **Save cost**

After computerized system is implemented less human force will be required to maintain the library thus reducing the overall cost.

- **Save time**

The size of the database increases day-by-day, increasing the load on the database.

- **Ensure data accuracy's.**
- **Proper control of the higher officials.**
- **Minimize manual data entry.**
- **Minimum time needed for the various processing.**
- **Greater efficiency.**
- **Better service.**
- **User friendly and interactive.**
- **Minimum time required.**
- **Provide security.**

## 2.1.3 SYSTEM REQUIREMENTS

### 2.1.3.1 NON FUNCTIONAL REQUIREMENTS

#### Product Requirements

#### EFFICIENCY REQUIREMENT

When a online crime report will be implemented police and user will easily access criminal records as searching will be very faster .

#### RELIABILITY REQUIREMENT

The system should accurately performs member registration, member , validation report generation, book transaction and search

#### USABILITY REQUIREMENT

The system is designed for a user friendly environment so that police and users of complaints can perform the various tasks easily and in an effective way.

## ORGANIZATIONAL REQUIREMENT

### IMPLEMENTATION REQUIREMENTS

In implementing whole system it uses html in front end with php as server side scripting language which will be used for database connectivity and the backend ie: the database part is developed using mysql.

#### 1. NORMAL USER

##### 1.1 USER LOGIN

###### Description of feature

This feature used by the user to login into system. They are required to enter user id and password before they are allowed to enter the system .

The user id and password will be verified and if invalid id is there user is allowed to not enter the system.

- user id is provided when they register
- The system must only allow user with valid id and password to enter the system
- The system performs authorization process which decides what user level can access to.
- The user must be able to logout after they finished using system.

##### 1.2 REGISTER NEW USER

###### Description of feature

This feature can be performed by all users to register new user to create account.

###### Functional requirements

- System must be able to verify information
- System must be able to delete information if information is wrong

## 2. ADMIN

### 2.1 ADMIN LOGIN

#### Description of feature

This feature used by the user to login into system. They are required to enter user id and password before they are allowed to enter the system .

The user id and password will be verified and if invalid id is there user is allowed to not enter the system.

- The system must only allow user with valid id and password to enter the system
- The system performs authorization process which decides what user level can access to.
- The user must be able to logout after they finished using system.

### **2.1.4 SOFTWARE AND HARDWARE REQUIREMENTS**

This section describes the software and hardware requirements of the system

#### 2.1.4.1 SOFTWARE REQUIREMENTS

Operating system- Windows 7 is used as the operating system as it is stable and supports more features and is more user friendly

Database MYSQL-MYSQL is used as database as it easy to maintain and retrieve records by simple queries which are in English language which are easy to understand and easy to write.

Development tools and Programming language- HTML is used to write the whole code and develop webpages with css, java script for styling work and php for sever side scripting.



#### 2.1.4.2 HARDWARE REQUIREMENTS

Intel core i5 2<sup>nd</sup> generation is used as a processor because it is fast than other processors and provide reliable and stable and we can run our pc for longtime. By using this processor we can keep on developing our project without any worries.

Ram 1 gb is used as it will provide fast reading and writing capabilities and will in turn support in processing.

##### **Existing System:**

In the existing system only we can see the details of particular information about the police stations in our state, the existing system has more workload for the authorized person. Some drawbacks written below.

- More man power.
- Time consuming.
- Consumes large volume of pure work.
- Needs manual calculations.
- No direct role for the higher officials.
- Damage of machines due to lack of attention.
- The size of the database increases day-by-day, increasing the load on the database.
- At present there is no back up and data maintenance activity.
- Training for simple computer operations is necessary for the users working on the system.

##### **Proposed System:**

The manual system has some drawbacks which can be overcome by using the web based software. The following reasons explain why it is needed.

- Citizens do not need to go police station to see the criminals information. they can directly see information on site.
- Visitor can easily get the information about the crime and criminal.
- Reduce the man power, and also reduce the time.
- Member can view the current status of the criminal.

## 2.3 SOFTWARE TOOLS USED

The whole Project is divided in two parts the front end and the back end.

### 2.3.1 Front End

The front end is designed using of html , Php ,css, Java script

- **HTML- Hyper Text Markup Languageis**

the main markup language for creating web pages and other information that can be displayed in a web browser. HTML is written in the form of HTML elements consisting of tags enclosed in angle brackets (like <html>), within the web page content. HTML tags most commonly come in pairs like <h1> and </h1>, although some tags represent empty elements and so are unpaired, for example <img>. The first tag in a pair is the start tag, and the second tag is the end tag (they are also called opening tags and closing tags). In between these tags web designers can add text, further tags, comments and other types of text-based content. The purpose of a web browser is to read HTML documents and compose them into visible or audible web pages. The browser does not display the HTML tags, but uses the tags to interpret the content of the page. HTML elements form the building blocks of all websites. HTML allows images and objects to be embedded and can be used to create interactive forms. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. It can embed scripts written in languages such as JavaScript which affect the behavior of HTML web pages.

- **CSS- Cascading Style Sheets**

is a style sheet language used for describing the look and formatting of a document written in a markup language. While most often used to style web pages and interfaces written in HTML and XHTML, the language can be applied to any kind of XML document, including plain XML, SVG and XUL. CSS is a cornerstone specification of the web and almost all web pages use CSS style sheets to describe their presentation. CSS is designed primarily to enable the separation of document content from document presentation, including elements such as the layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification. of presentation characteristics, enable multiple pages to share formatting, and reduce complexity and repetition in the structural content (such as by allowing for table less web design)

.CSS can also allow the same markup page to be presented in different styles for different rendering methods, such as on-screen, in print, by voice (when read out by a speech-based browser or screen reader) and on Braille-based, tactile devices. It can also be used to allow the web page to display differently depending on the screen size or device on which it is being viewed. While the author of a document typically links that document to a CSS file, readers can use a different style sheet, perhaps one on their own computer, to override the one the author has specified. However if the author or the reader did not link the document to a specific style sheet the default style of the browser will be applied. CSS specifies a priority scheme to determine which style rules apply if more than one rule matches against a particular element. In this so-called cascade, priorities or weights are calculated and assigned to rules, so that the results are predictable.

- **js- JavaScript**

is a dynamic computer programming language. It is most commonly used as part of web browsers, whose implementations allow client-side scripts to interact with the user, control the browser, communicate asynchronously, and alter the document content that is displayed. It is also being used in server-side programming, game development and the creation of desktop and mobile applications. JavaScript is a prototype-based scripting language with dynamic typing and has first-class functions. Its syntax was influenced by C. JavaScript copies many names and naming conventions from Java, but the two languages are otherwise unrelated and have very different semantics. The key design principles within JavaScript are taken from the Self and Scheme programming languages. It is a multi-paradigm language, supporting object-oriented, imperative, and functional programming styles. The application of JavaScript to use outside of web pages—for example, in PDF documents, site-specific browsers, and desktop widgets—is also significant. Newer and faster JavaScript VMs and platforms built upon them (notably Node.js) have also increased the popularity of JavaScript for server-side web applications. On the client side, JavaScript was traditionally implemented as an interpreted language but just-in-time compilation is now performed by recent (post-2012) browsers.

- **PHP – Hypertext PreProcessor**

**PHP** a server-side scripting language designed for webdevelopment but also used as a general-purpose programming language. PHP is now installed on more than 244 million websites and 2.1 million web servers. Originally created by Rasmus Lerdorf in 1995, Rasmus Lerdorf in 1995, the reference implementation of PHP is now produced by The PHP Group. While PHP originally stood for Personal Home Page, it now stands for PHP: HypertextPreprocessor, a recursive backronym. PHP code is interpreted by a webserver with a PHP processor module, which generates the resulting web page: PHP commands can be embedded directly into an HTML source document rather than calling an external file to process data. It has also evolved to include a command-line interface capability and can be used in standalone graphical applications. PHP is free software released under the PHP License. PHP can be deployed on most web servers and also as a standalone shell on almost every operating system and platform, free of charge.

- **MySQL DataBase**

("My S-Q-L", officially, but also called "My Sequel") is (as of July 2013) the world's second most widely used open-source relational database management system (RDBMS). It is named after co-founder Michael Widenius daughter, My. The SQL phrase stands for Structured Query Language. The MySQL development project has made its source code available under the terms of the GNU General Public License, as well as under a variety of proprietary agreements. MySQL was owned and sponsored by a single for-profit firm, the Swedish company MySQL AB, now owned by Oracle Corporation .MySQL is a popular choice of database for use in web applications, and is a central component of the widely used LAMP open source web application software stack (and other 'AMP' stacks). LAMP is an acronym for "Linux, Apache, MySQL, Perl/PHP/Python." Free-software-open source projects that require a full-featured database management system often use MySQL. For commercial use, several paid editions are available, and offer additional functionality. Applications which use MySQL databases

include: TYPO3, MODx, Joomla, WordPress, phpBB, MyBB, Drupal and other software. MySQL is also used in many high-profile, large-scale websites, including Wikipedia, Google (though not for searches), Facebook, Twitter, Flickr, and YouTube

## CHAPTER 3

### SYSTEM DESIGN

#### 3.1 TABLE DESIGN

### VARIOUS TABLES TO MAINTAIN INFORMATION

#### **Tables\_in\_station**

- applications
- attempts
- config
- crimes
- investigations
- items
- lost\_valuables
- missing\_persons
- missing\_vehicles
- missing\_vehicles\_found
- persons
- requests
- sessions
- users
- 

Server: localhost:3306 » Database: station									
<div> <div>Structure</div> <div>SQL</div> <div>Search</div> <div>Query</div> <div>Export</div> <div>Import</div> <div>Operations</div> <div>Privileges</div> <div>Routines</div> <div>Events</div> <div>Trig</div> </div>									
<div>Filters</div> <div>Containing the word: <input type="text"/></div>									
Table	Action	Rows	Type	Collation	Size	Overhead			
<input type="checkbox"/> applications	★ Browse Structure Search Insert Empty Drop	12	InnoDB	latin1_swedish_ci	16.0 KiB	-			
<input type="checkbox"/> attempts	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8_general_ci	16.0 KiB	-			
<input type="checkbox"/> config	★ Browse Structure Search Insert Empty Drop	17	InnoDB	latin1_swedish_ci	16.0 KiB	-			
<input type="checkbox"/> crimes	★ Browse Structure Search Insert Empty Drop	11	InnoDB	latin1_swedish_ci	16.0 KiB	-			
<input type="checkbox"/> investigations	★ Browse Structure Search Insert Empty Drop	0	InnoDB	latin1_swedish_ci	32.0 KiB	-			
<input type="checkbox"/> items	★ Browse Structure Search Insert Empty Drop	7	InnoDB	latin1_swedish_ci	16.0 KiB	-			
<input type="checkbox"/> lost_valuables	★ Browse Structure Search Insert Empty Drop	0	InnoDB	latin1_swedish_ci	16.0 KiB	-			
<input type="checkbox"/> missing_persons	★ Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	16.0 KiB	-			
<input type="checkbox"/> missing_vehicles	★ Browse Structure Search Insert Empty Drop	7	InnoDB	latin1_swedish_ci	16.0 KiB	-			
<input type="checkbox"/> missing_vehicles_found	★ Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	16.0 KiB	-			
<input type="checkbox"/> persons	★ Browse Structure Search Insert Empty Drop	9	InnoDB	latin1_swedish_ci	16.0 KiB	-			
<input type="checkbox"/> requests	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_general_ci	16.0 KiB	-			
<input type="checkbox"/> sessions	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8_general_ci	16.0 KiB	-			
<input type="checkbox"/> users	★ Browse Structure Search Insert Empty Drop	10	InnoDB	utf8_general_ci	16.0 KiB	-			
<b>14 tables</b>	<b>Sum</b>	<b>85</b>	<b>InnoDB</b>	<b>utf8mb4_0900_ai_ci</b>	<b>240.0 KiB</b>	<b>0 B</b>			

## Applications Table from Database

Server: localhost:3306 » Database: station » Table: applications

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
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[Import](#)
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[Operations](#)
[Triggers](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>application_id</b>	int			No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	<b>ID_number</b>	int			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	<b>Type</b>	char(100)	latin1_swedish_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 4	<b>status</b>	varchar(1000)	latin1_swedish_ci		No	Not issued			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

☐ Check all
 With selected:
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[Drop](#)
[Primary](#)
[Unique](#)
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[Normalize](#)

[Add](#)



[Go](#)

## Attempts from Database

Server: localhost:3306 » Database: station » Table: attempts

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[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
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[Operations](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b>	int			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	<b>ip</b>	varchar(39)	utf8_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	<b>count</b>	int			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 4	<b>expiredate</b>	datetime			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

☐ Check all
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[Move columns](#)
[Normalize](#)

[Add](#)



[Go](#)

## config Table from Database

Server: localhost:3306 » Database: station » Table: config

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b>	int			No	None			Change  Drop  More
<input type="checkbox"/> 2	<b>setting</b>	varchar(100)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>value</b>	varchar(100)	latin1_swedish_ci		Yes	NULL			Change  Drop  More

☐ Check all
 With selected:
 [Browse](#)
 Change
 Drop
 Primary
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 Index
 Fulltext

## crimes from Database

Server: localhost:3306 » Database: station » Table: crimes

[Browse](#)
[Structure](#)
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[Insert](#)
[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)
[Triggers](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>Crime_No</b>	int			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	<b>Status</b>	char(100)	latin1_swedish_ci		No	No action			Change  Drop  More
<input type="checkbox"/> 3	<b>Category</b>	char(100)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	<b>Description</b>	char(100)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 5	<b>Crime_Scene</b>	char(100)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 6	<b>Suspects</b>	char(100)	latin1_swedish_ci		No	Not yet			Change  Drop  More
<input type="checkbox"/> 7	<b>phoneNumber</b>	int			No	None			Change  Drop  More
<input type="checkbox"/> 8	<b>Address</b>	varchar(100)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 9	<b>evidence</b>	text	latin1_swedish_ci		No				Change  Drop  More

☐ Check all
 With selected:
 [Browse](#)
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 Drop
 Primary
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[Print](#)
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[Normalize](#)

## Investigations Table from Database

Server: localhost:3306 » Database: station » Table: investigations

**Table structure** | **Relation view**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>Crime_No</b>	int			No	None			Change  Drop  More
<input type="checkbox"/> 2	<b>Status</b>	char(100)	latin1_swedish_ci		No	None			Change  Drop  More

☐ Check all    With selected: Browse Change Drop Primary Unique Index Fulltext

Print Move columns Normalize

Add 1 column(s) after Status Go

## items from Database

Server: localhost:3306 » Database: station » Table: items

**Table structure** | **Relation view**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>Item_NO</b>	int			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	<b>Description</b>	char(100)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>Last_Seen</b>	date			No	None			Change  Drop  More
<input type="checkbox"/> 4	<b>Item_Name</b>	varchar(1000)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 5	<b>category</b>	char(100)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 6	<b>status</b>	char(100)	latin1_swedish_ci		No	Not found			Change  Drop  More

☐ Check all    With selected: Browse Change Drop Primary Unique Index Fulltext



## Lost valuables Table from Database

Server: localhost:3306 » Database: station » Table: lost\_valuables

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b>	int			No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	<b>item_name</b>	char(100)	latin1_swedish_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	<b>description</b>	varchar(1000)	latin1_swedish_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 4	<b>image</b>	text	latin1_swedish_ci		No				<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

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[Normalize](#)

## Missing persons from Database

Server: localhost:3306 » Database: station » Table: missing\_persons

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[Triggers](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>person_id</b>	int			No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	<b>fullName</b>	char(100)	latin1_swedish_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	<b>Address</b>	varchar(100)	latin1_swedish_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 4	<b>phoneNumber</b>	int			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 5	<b>Description</b>	text	latin1_swedish_ci		No				<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 6	<b>Image</b>	varchar(100)	latin1_swedish_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 7	<b>Status</b>	varchar(50)	latin1_swedish_ci		No	Not Found			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 8	<b>alert</b>	varchar(100)	latin1_swedish_ci		No	Not posted			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

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[Normalize](#)

[Add](#)
 column(s)
 
[Go](#)

## Missing vehicles Table from Database

Server: localhost:3306 » Database: station » Table: missing\_vehicles

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[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)
[Triggers](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>vehicle_id</b>	int			No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	<b>Number_plate</b>	varchar(100)	latin1_swedish_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	<b>Model</b>	varchar(200)	latin1_swedish_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 4	<b>Owner</b>	varchar(100)	latin1_swedish_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 5	<b>phoneNumber</b>	int			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 6	<b>national_id</b>	int			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 7	<b>description</b>	text	latin1_swedish_ci		No				<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 8	<b>image</b>	text	latin1_swedish_ci		No				<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 9	<b>reviewed</b>	varchar(1000)	latin1_swedish_ci		No	Not reviewed			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

☐ Check all
 With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Fulltext](#)

[Print](#)
[Move columns](#)
[Normalize](#)

[Add](#) 1 column(s) after reviewed [Go](#)

## Missing vehicles found from Database

Server: localhost:3306 » Database: station » Table: missing\_vehicles\_found

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)
[Triggers](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>vehicle_id</b>	int			No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	<b>Number_plate</b>	varchar(100)	latin1_swedish_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	<b>Model</b>	varchar(200)	latin1_swedish_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 4	<b>location_seen</b>	varchar(100)	latin1_swedish_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 5	<b>phoneNumber</b>	int			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 6	<b>national_id</b>	int			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 7	<b>description</b>	text	latin1_swedish_ci		No				<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 8	<b>image</b>	text	latin1_swedish_ci		No				<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 9	<b>status</b>	varchar(100)	latin1_swedish_ci		No	Not reviewed			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

☐ Check all
 With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Fulltext](#)

[Print](#)
[Move columns](#)
[Normalize](#)

[Add](#) 1 column(s) after status [Go](#)

[Indexes](#)

## Persons Table from Database

Server: localhost:3306 » Database: station » Table: persons

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>firstName</b>	char(100)	latin1_swedish_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	<b>lastName</b>	char(100)	latin1_swedish_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	<b>ID_Number</b>	int			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 4	<b>Location</b>	char(100)	latin1_swedish_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 5	<b>Gender</b>	char(100)	latin1_swedish_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

☐ Check all
 With selected:
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[Drop](#)
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## Requests from Database

Server: localhost:3306 » Database: station » Table: requests

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
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[Import](#)
[Privileges](#)
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[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b>	int			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	<b>uid</b>	int			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	<b>rkey</b>	varchar(20)	utf8_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 4	<b>expire</b>	datetime			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 5	<b>type</b>	varchar(20)	utf8_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

☐ Check all
 With selected:
 [Browse](#)
[Change](#)
[Drop](#)
[Primary](#)
[Unique](#)
[Index](#)
[Fulltext](#)

[Print](#)
[Move columns](#)
[Normalize](#)

[Add](#)
 column(s)
 
[Go](#)

## □ Sessions Table from Database

Server: localhost:3306 » Database: station » Table: sessions

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b>	int			No	None			Change  Drop  More
<input type="checkbox"/> 2	<b>uid</b>	int			No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>hash</b>	varchar(40)	utf8_general_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	<b>expiredate</b>	datetime			No	None			Change  Drop  More
<input type="checkbox"/> 5	<b>ip</b>	varchar(39)	utf8_general_ci		No	None			Change  Drop  More
<input type="checkbox"/> 6	<b>agent</b>	varchar(200)	utf8_general_ci		No	None			Change  Drop  More
<input type="checkbox"/> 7	<b>cookie_crc</b>	varchar(40)	utf8_general_ci		No	None			Change  Drop  More

☐ Check all    With selected: [Browse](#) Change Drop Primary Unique Index Fulltext

[Print](#) [Move columns](#) Normalize

## □ Users from Database

Server: localhost:3306 » Database: station » Table: users

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b>	int			No	None			Change  Drop  More
<input type="checkbox"/> 2	<b>password</b>	varchar(60)	utf8_general_ci		Yes	NULL			Change  Drop  More
<input type="checkbox"/> 3	<b>email</b>	varchar(100)	utf8_general_ci		Yes	NULL			Change  Drop  More

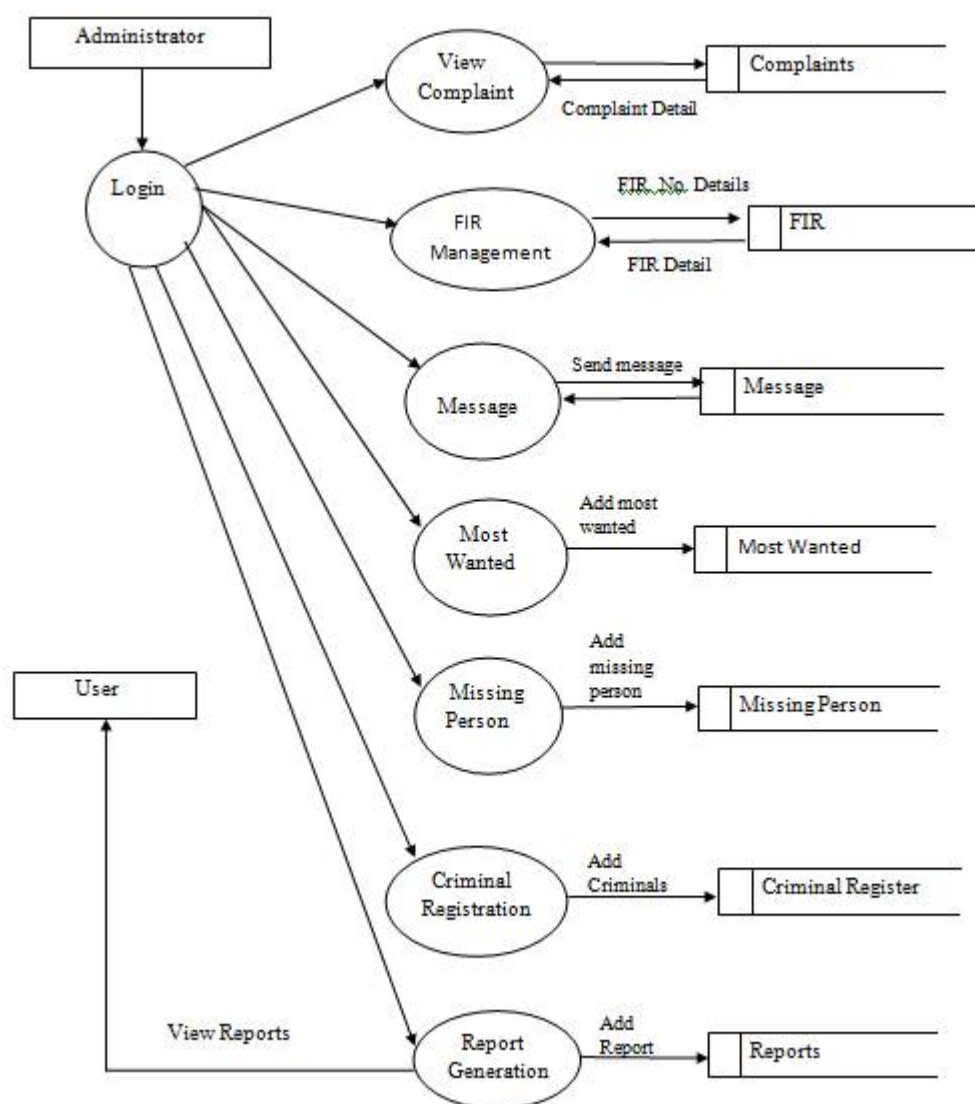
☐ Check all    With selected: [Browse](#) Change Drop Primary Unique Index Fulltext

[Print](#) [Move columns](#) Normalize

Add  column(s)

## 3.2 DATA FLOW DIAGRAMS

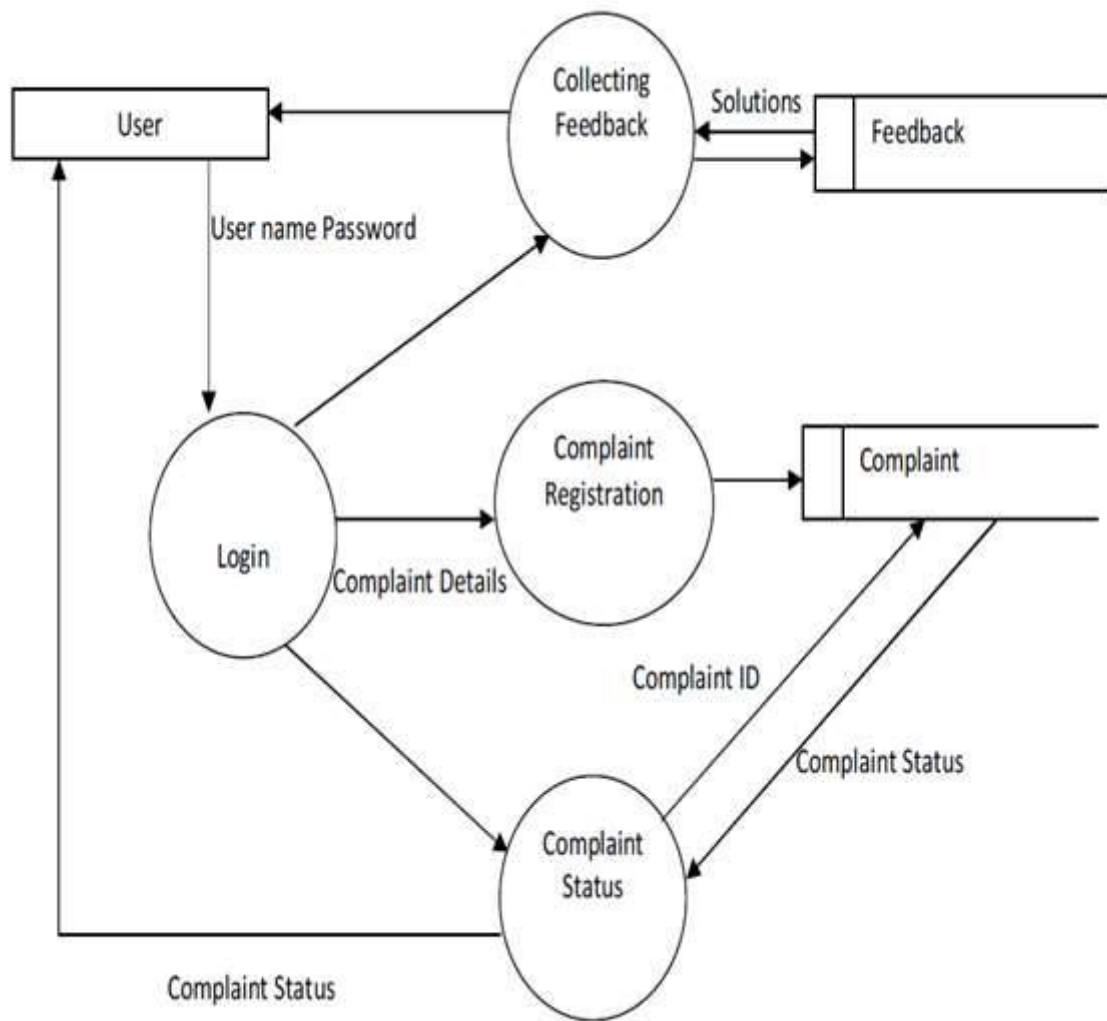
### DATA FLOW DIAGRAM FOR ADMIN LOGIN



After entering to the home page of the website, Admin can choose the Admin Login option where they are asked to enter username & password, and if he/she is a valid user then a teacher login page will be displayed.

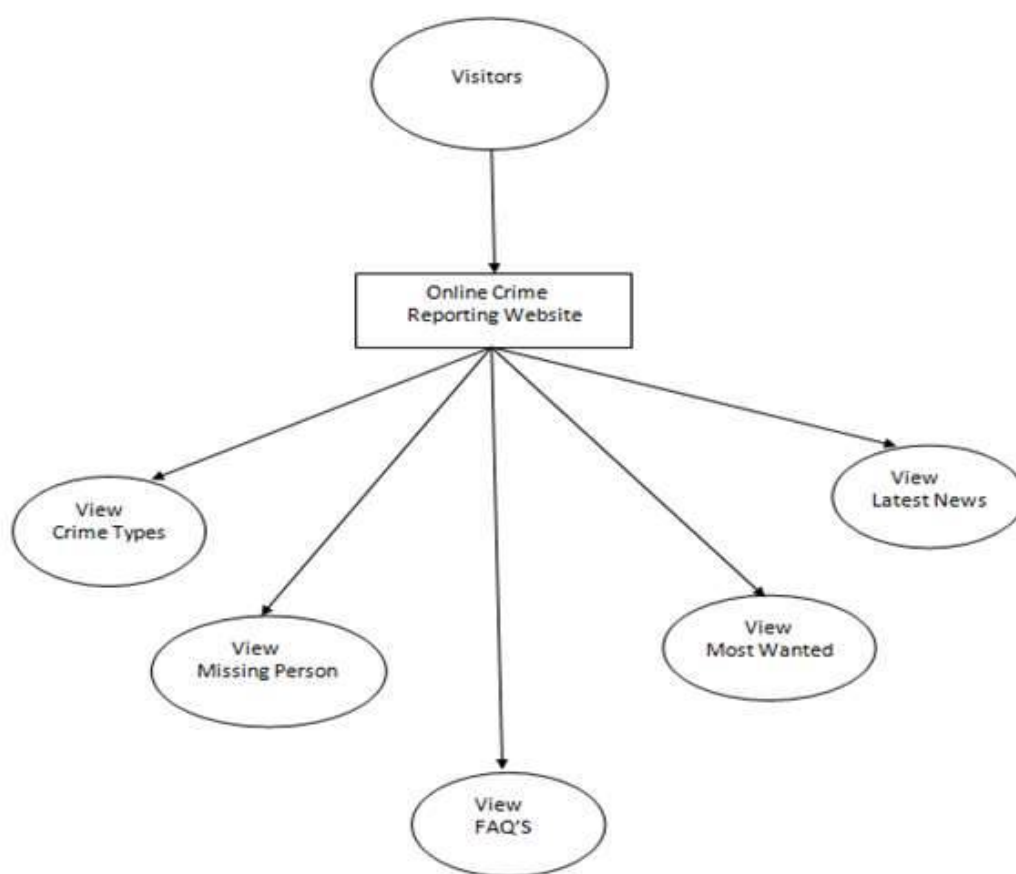


## USE CASE DIAGRAM FOR USER



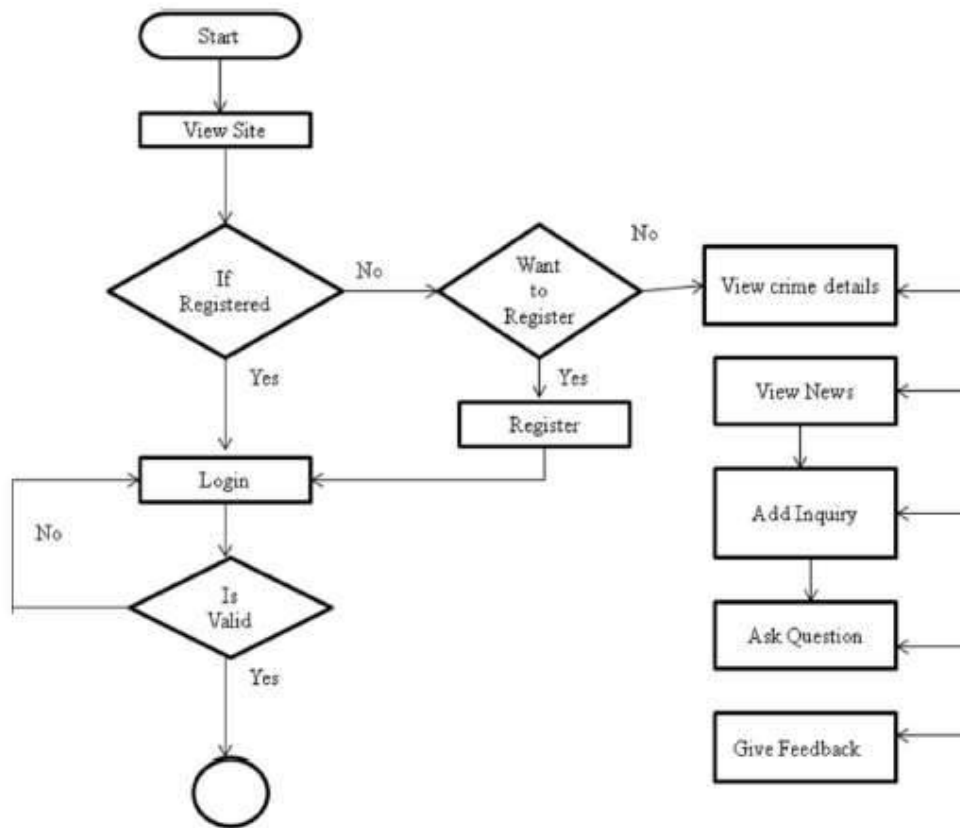
After entering to the home page of the website , student can choose the USER LOGIN option where they are asked to enter username & password , and if he/she is a valid user then a student login page will be displayed.

## DATA FLOW DIAGRAM FOR VISITOR



## 3.2 FLOW CHART

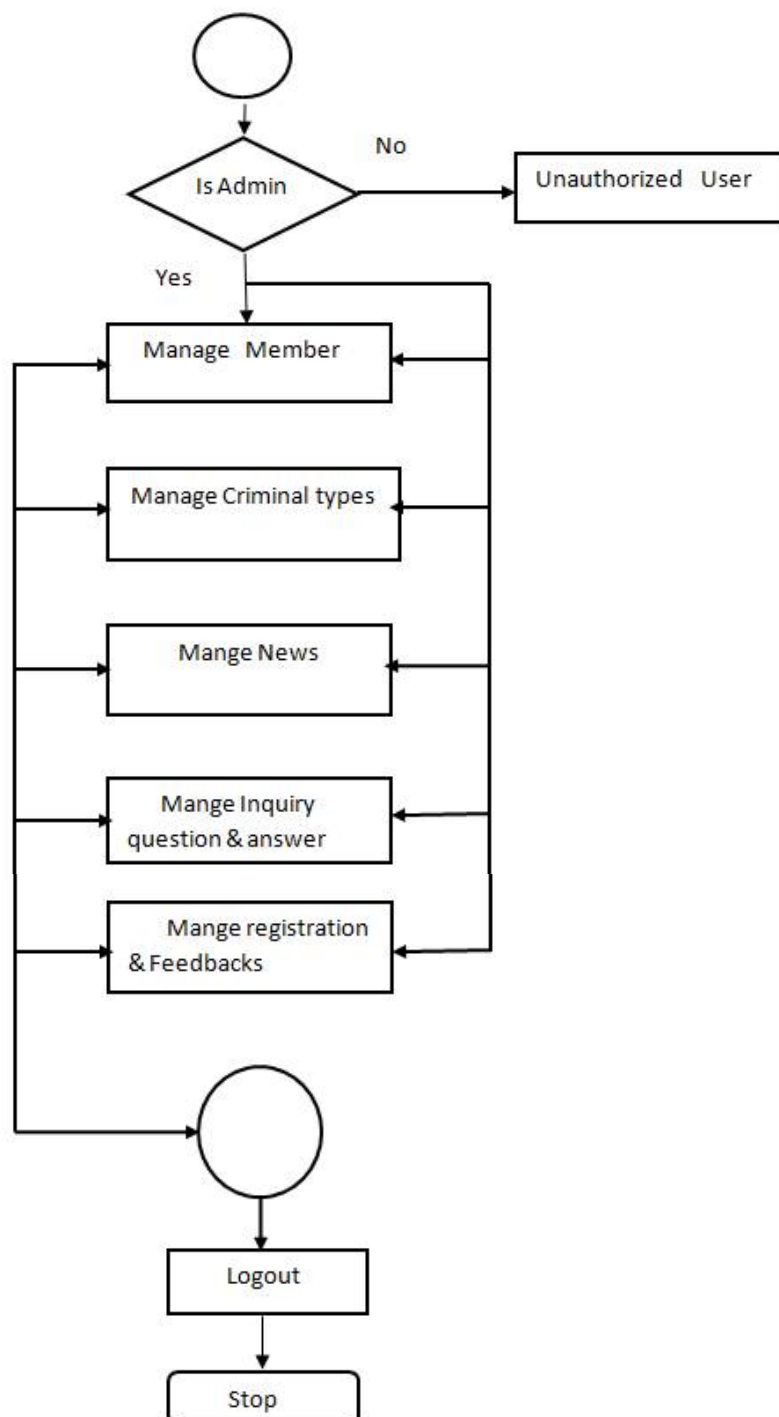
### 3.2.1 FLOW CHART 1



After entering to the home page of the website, Admin can choose the Admin Login option where they are asked to enter username & password, and if he/she is a valid user then a teacher login page will be displayed.



## 3.2.1 FLOW CHART 2



## **CHAPTER 4**

### **SYSTEM IMPLEMENTATION**

#### **4.1 MODULE DESCRIPTION**

For **Online Crime Report** it is divided into the following Modules:

- **admin modue**

➔ <http://localhost/crime-reporting/login.php>

This module helps the admin in following things:

- ✓ View and Reply User Complaint.
- ✓ View and Reply User Crimes.
- ✓ Add, Delete and Hide Latest Hot news.
- ✓ View and Delete User's Feedback
- ✓ Add, Delete and View Most wanted Persons.
- ✓ Add, Delete and View Missing Persons.
- ✓ Add and View Criminal Registration.
- ✓ Send Message to user
- ✓ Change password.

- **admin modue**

➔ <http://localhost/crime-reporting/login.php>

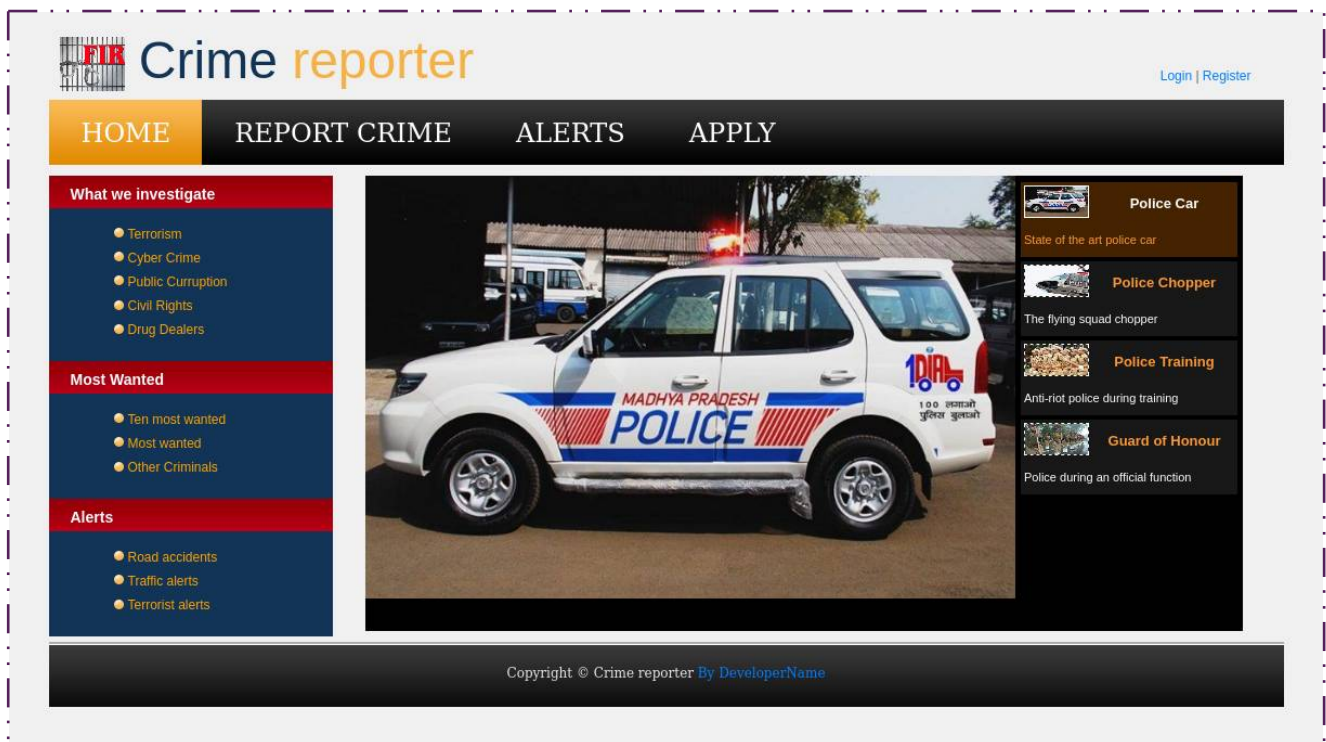
This module helps the user in following ways:

- ✓ Add Online Complaints.
- ✓ Check Complaint Status.
- ✓ Edit Complaints.
- ✓ Add Missing Person Report.
- ✓ Ask Questions.
- ✓ Send Messages.
- ✓ Give Feedbacks
- ✓ Change Password.

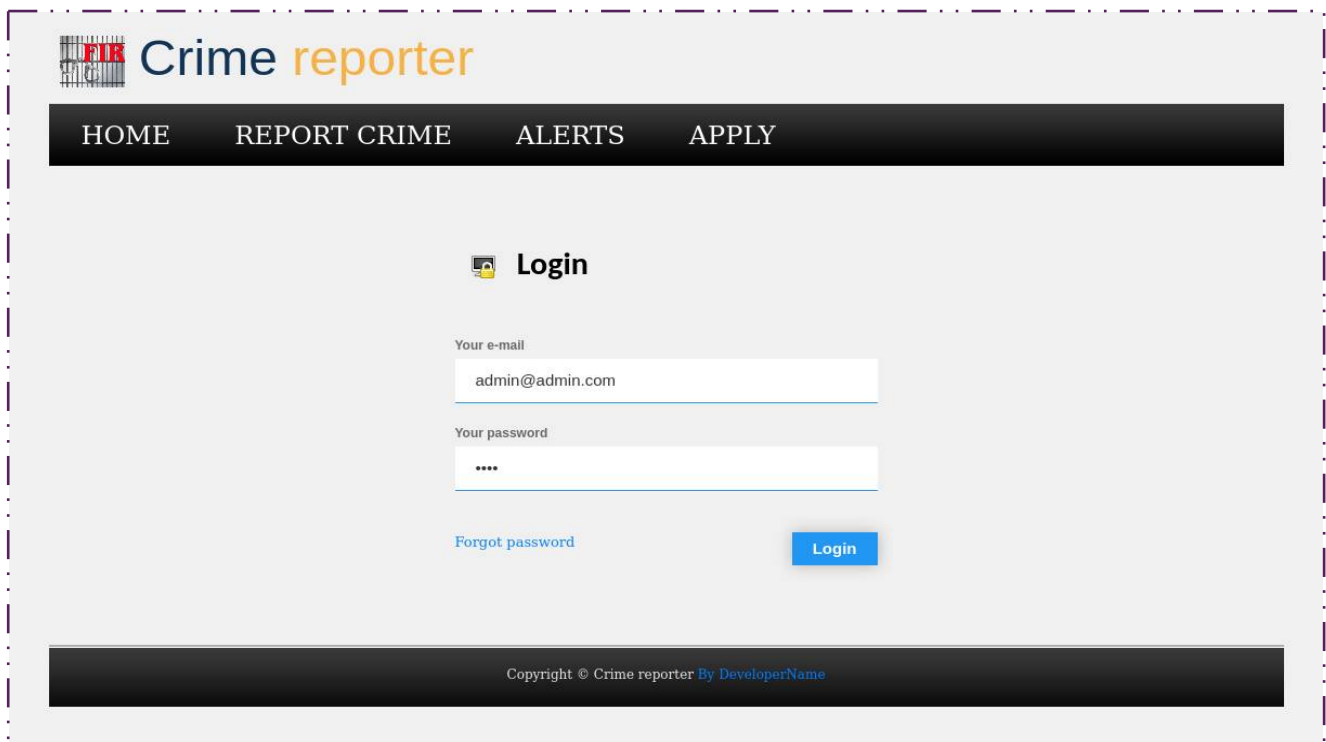
- **visitor modue**

## 4.2 SCREEN SHOTS

### ➤ Screenshot for **HOME**




➤ Screenshot for **Login** (Admin)



The screenshot displays the login interface of the 'Crime reporter' website. At the top left, there is a logo with the word 'FIR' in red and 'Crime reporter' in blue and orange. A dark navigation bar contains the links 'HOME', 'REPORT CRIME', 'ALERTS', and 'APPLY'. The main content area is titled 'Login' with a user icon. It features two input fields: 'Your e-mail' with the value 'admin@admin.com' and 'Your password' with masked characters '\*\*\*\*'. A blue 'Login' button is positioned to the right of the password field. A link for 'Forgot password' is located below the password field. The footer contains the copyright notice 'Copyright © Crime reporter By DeveloperName'.

**Crime reporter**

HOME REPORT CRIME ALERTS APPLY

 **Login**

Your e-mail

admin@admin.com

Your password

\*\*\*\*

[Forgot password](#) [Login](#)

Copyright © Crime reporter By DeveloperName

➤ Screenshot for **Dashboard** (Admin)

**Crime reporter**

You are logged in as: **Admin**

**Dashboard** [Site](#) [Logout](#)

**Dashboard**

**Overview**

Reported Crimes	11
Missing Persons	4
Missing Vehicles	7
Lost Items	6

**Applications**

Category	Action
Abstract	<a href="#">View</a>
Certificate	<a href="#">View</a>
Abstract	<a href="#">View</a>

**Vehicles**

No Records to display

Status	Number Plate	Action
Missing	KBC	<a href="#">View</a>

**Persons**

Category	Name	Action
Missing	johnson mnoma	<a href="#">View</a>

Copyright © Crime reporter [By DeveloperName](#)

[f](#) [t](#)

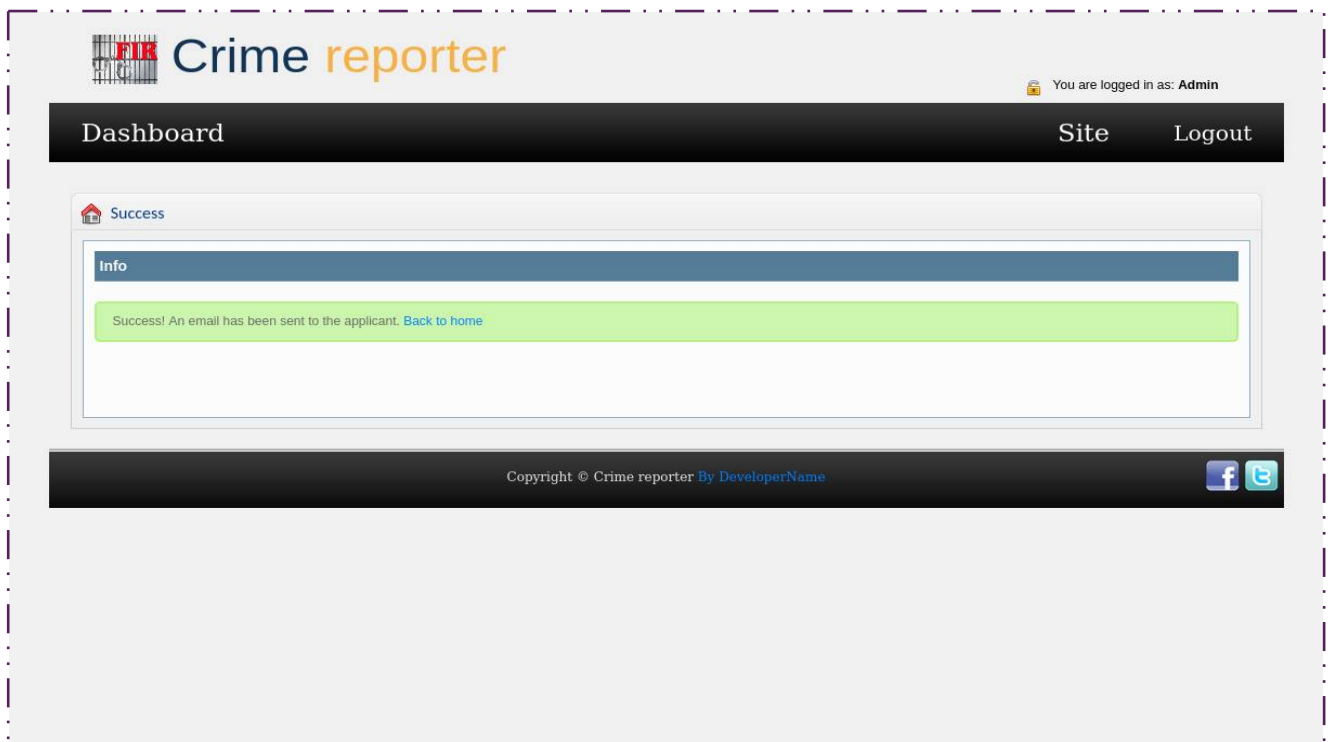
➤ Screenshot for **Application View (Admin)**

The screenshot displays the 'Crime reporter' application interface. At the top, the logo 'Crime reporter' is visible, with 'FIR' in a red box. The user is logged in as 'Admin'. The dashboard includes a 'Dashboard' link and 'Site' and 'Logout' buttons. The main section is titled 'Application' and contains a 'Details' table with the following information:


Details	
FirstName:	raj
LastName:	parihar
ID Number:	12313132
Location:	India
Gender:	Male
Crme record:	Good

Below the table are two buttons: 'Grant' (green) and 'Deny' (red). The footer contains the copyright notice 'Copyright © Crime reporter By DeveloperName' and social media icons for Facebook and Twitter.

➤ Screenshot for **Application Granted** (Admin)




➤ Screenshot for **Vehicles Missing application** (Admin)

 **Crime reporter**

You are logged in as: **Admin**

[Dashboard](#) [Site](#) [Logout](#)


 **Application**

Details

Model: SUBARU

Number Plate: KBC



Image:



Description: four wheel drive


Phone Number: 712328250

Post Alert

Copyright © Crime reporter By [DeveloperName](#)  




➤ Screenshot for **Person missing Application** (Admin)

 **Crime reporter**

You are logged in as: **Admin**

[Dashboard](#) [Site](#) [Logout](#)

 **Application**

Details


Full Names:

johnson mnoma

Address:

35 narok

Image:



Description:

24 hours ago

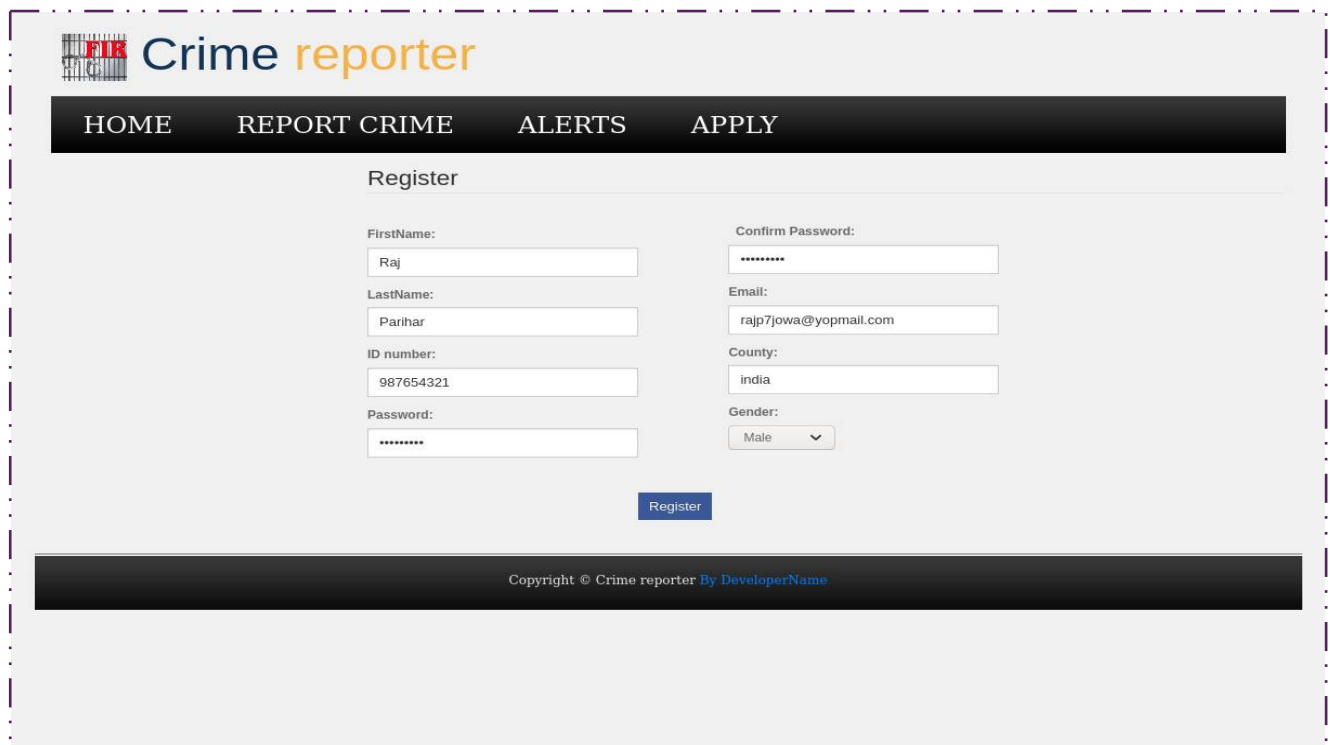
Phone Number:

0712328250

[Post Alert](#)

Copyright © Crime reporter By [DeveloperName](#)  

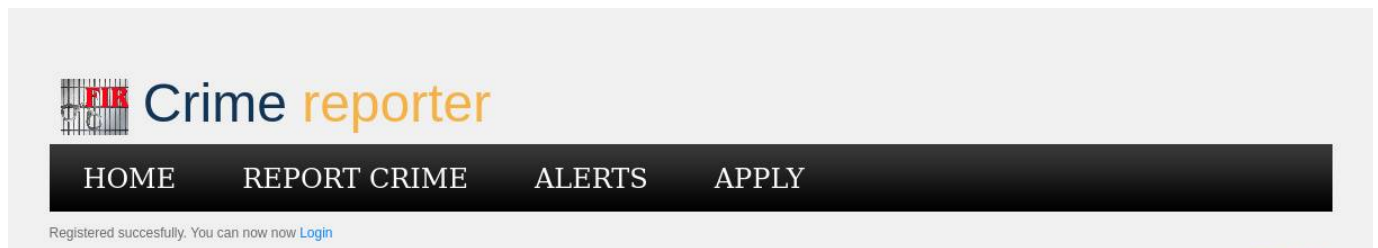
➤ Screenshot for New User Registration (User)



The screenshot displays the 'Crime reporter' website's user registration interface. The header features the site's logo and a navigation menu with links: HOME, REPORT CRIME, ALERTS, and APPLY. The main content area is titled 'Register' and contains a form with the following fields:

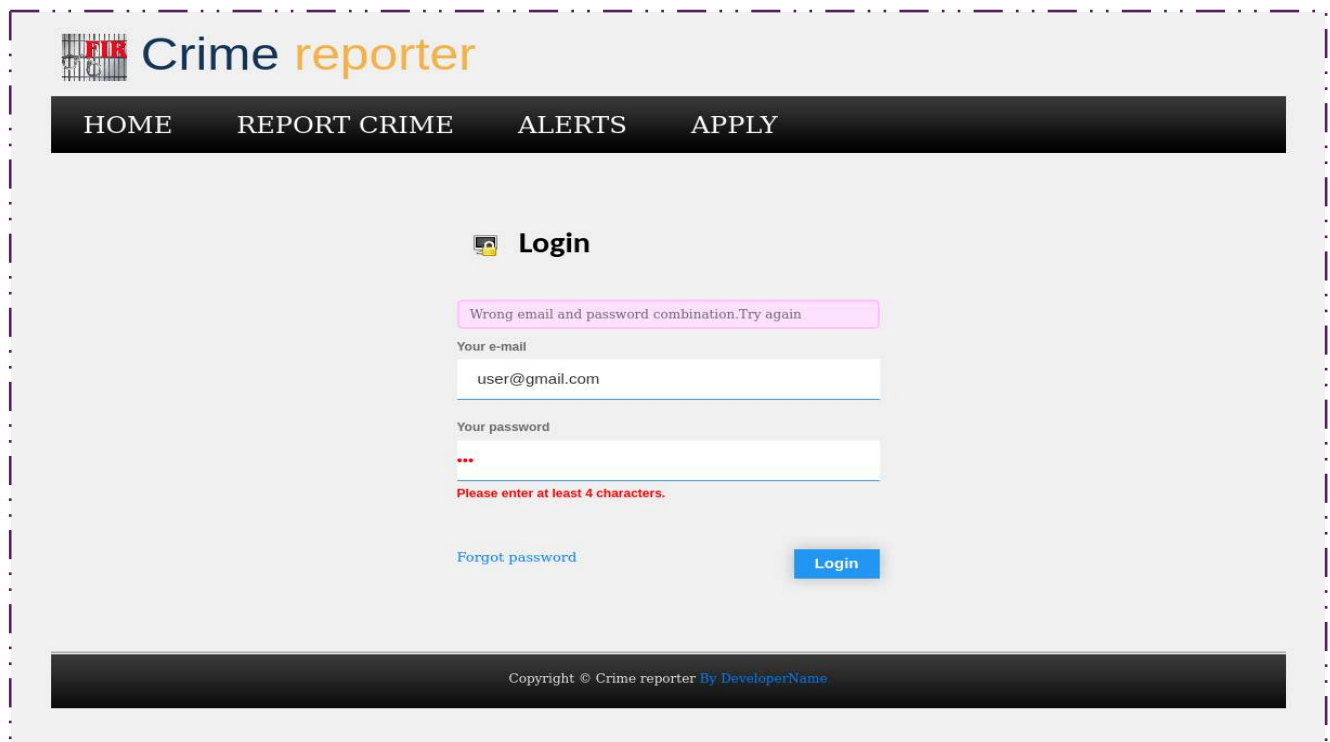
- FirstName:
- Confirm Password:
- LastName:
- Email:
- ID number:
- County:
- Password:
- Gender:  (dropdown menu)

A blue 'Register' button is positioned below the form fields. At the bottom of the page, a footer contains the copyright notice: 'Copyright © Crime reporter By DeveloperName'.



This screenshot shows the confirmation message after a successful registration. The header and navigation menu are identical to the previous screenshot. Below the navigation bar, a message states: 'Registered succesfully. You can now now [Login](#)'. The footer area is partially visible at the bottom right.


➤ Screenshot for **Login** (User)



The screenshot displays the login interface for the 'Crime reporter' application. At the top left, there is a logo with the letters 'FIR' in red and 'Crime reporter' in blue and orange. Below the logo is a black navigation bar with white text links: 'HOME', 'REPORT CRIME', 'ALERTS', and 'APPLY'. The main content area is light gray and features a 'Login' section with a yellow key icon. A pink error message box at the top of the login form states 'Wrong email and password combination. Try again'. Below this, there are two input fields: 'Your e-mail' containing 'user@gmail.com' and 'Your password' which is masked with red dots. A red error message below the password field reads 'Please enter at least 4 characters.' To the left of the 'Login' button is a blue link for 'Forgot password'. The 'Login' button is blue with white text. At the bottom of the page, a black footer bar contains the text 'Copyright © Crime reporter By DeveloperName'.

**Crime reporter**

HOME REPORT CRIME ALERTS APPLY

 **Login**

Wrong email and password combination. Try again

Your e-mail

user@gmail.com

Your password

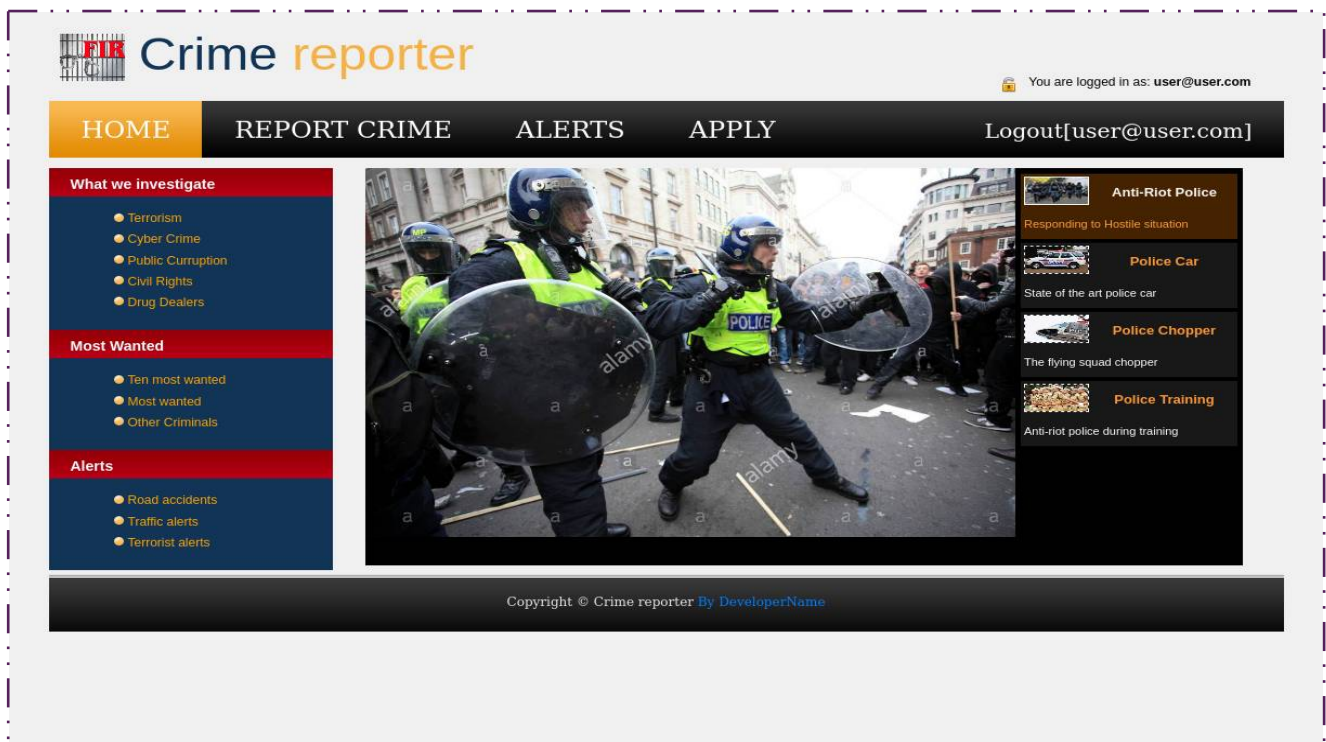
...

Please enter at least 4 characters.

[Forgot password](#) [Login](#)

Copyright © Crime reporter By DeveloperName

➤ Screenshot for **After login user**



➤ Screenshot for **Report**  
**General Crime Reporting Form (User)**

The screenshot displays the 'Crime reporter' web application interface. The header includes the application logo and the text 'Crime reporter'. A navigation bar contains links for 'HOME', 'REPORT CRIME' (highlighted), 'ALERTS', and 'APPLY'. The user is logged in as 'user@user.com', with a 'Logout[user@user.com]' link. A sidebar on the left lists menu items: 'General Crime Form', 'Missing/Found Persons', 'Missing/Found Vehicles', and 'Lost Items'. The main content area is titled 'General Crime Reporting Form:' and contains the following fields:

- Crime type:** Input field with 'muder'.
- Street:** Input field with 'jabalpur', with a hint 'eg: along Ziwa Kitale road'.
- Specify Location:**
  - County:** Input field with 'india'.
  - Sub-County:** Input field with 'Madhya Pradesh'.
- Crime Description:** Text area with 'My door was broken into and all my property stolen'.

A blue 'Report Crime' button is located at the bottom right of the form. The footer contains the text 'Copyright © Crime reporter By DeveloperName'.

➤ Screenshot for **Report Missing Person Found (User)**

The screenshot displays the 'Crime reporter' web application interface. The top navigation bar includes links for HOME, REPORT CRIME (highlighted), ALERTS, and APPLY, along with a Logout button for the user 'user@user.com'. A left sidebar menu lists various crime reporting options, with 'Missing Person Found' selected. The main content area shows the 'Missing Person Found' form, which includes fields for Full Names, Location Seen, and Your Phone Number, as well as an image upload section and a description text area. A 'Report' button is located at the bottom right of the form. The footer contains a copyright notice for the developer.

**Crime reporter**

You are logged in as: **user@user.com**

**HOME** **REPORT CRIME** **ALERTS** **APPLY** **Logout[user@user.com]**

**General Crime Form**  
**Missing/Found Persons** ▾  
    **Missing Person Form**  
    **Person Found Form**  
**Missing/Found Vehicles** ▾  
**Lost Items**

**Missing Person Found:**

Full Names:

Location Seen:

Your Phone Number:

Upload Image:

Description:

**Report**

Copyright © Crime reporter By [DeveloperName](#)

➤ Screenshot for **Report Person Found (User)**

The screenshot displays the 'Crime reporter' web application interface. The top navigation bar includes links for HOME, REPORT CRIME, ALERTS, and APPLY, along with a user login status: 'You are logged in as: user@user.com' and a 'Logout[user@user.com]' button. A left sidebar menu lists options: General Crime Form, Missing/Found Persons (expanded), Missing Person Form (selected), Person Found Form, Missing/Found Vehicles, and Lost Items. The main content area is titled 'Missing Person:' and contains a form with the following fields: Full Names (johnson mnoma), Address (35 narok), Phone Number (712328250), Last Seen (10/06/2021), Image (aaa(2).jpg), and Description (24 hours ago missing a person,). A 'Report' button is located at the bottom right of the form. The footer shows the copyright notice: 'Copyright © Crime reporter By DeveloperName'.

**Crime reporter**

You are logged in as: user@user.com

HOME REPORT CRIME ALERTS APPLY Logout[user@user.com]

General Crime Form  
Missing/Found Persons  
Missing Person Form  
Person Found Form  
Missing/Found Vehicles  
Lost Items

**Missing Person:**

Full Names johnson mnoma Last Seen 10/06/2021

Address 35 narok Image: Browse... aaa(2).jpg

Phone Number 712328250 Description: 24 hours ago missing a person,

Report

Copyright © Crime reporter By DeveloperName

➤ Screenshot for **Report Missing Vehicle** (user)

The screenshot displays the 'Crime reporter' web application interface. The top navigation bar includes links for HOME, REPORT CRIME (highlighted), ALERTS, and APPLY, along with a user login status: 'You are logged in as: user@user.com' and a 'Logout[user@user.com]' link. A left sidebar menu lists various forms: General Crime Form, Missing/Found Persons, Missing/Found Vehicles, Missing Vehicle Form (highlighted), Vehicle Found Form, and Lost Items. The main content area is titled 'Missing Vehicle:' and contains a form with the following fields: Number Plate (mp 84 p 9816), Phone Number (9876543210), Model (Hero), ID number (39), Owner (jaydeep), and Image (aaa(2).jpg). A description field contains the text 'color black gray blue bike missing on 20.022021'. A blue 'Report' button is located at the bottom right of the form. The footer of the application states 'Copyright © Crime reporter By DeveloperName'.

**Crime reporter**

You are logged in as: user@user.com

HOME REPORT CRIME ALERTS APPLY Logout[user@user.com]

General Crime Form  
Missing/Found Persons  
Missing/Found Vehicles  
Missing Vehicle Form  
Vehicle Found Form  
Lost Items

**Missing Vehicle:**

Number Plate: mp 84 p 9816 Phone Number: 9876543210  
Model: Hero ID number: 39  
Owner: jaydeep Image: Browse... aaa(2).jpg  
Description: color black gray blue bike missing on 20.022021

Report

Copyright © Crime reporter By DeveloperName



➤ Screenshot for **Report Vehicle Found (user)**

The screenshot displays the 'Crime reporter' web application interface. The header includes the logo and the text 'Crime reporter'. A navigation bar contains links for 'HOME', 'REPORT CRIME' (highlighted), 'ALERTS', and 'APPLY'. A user login status 'You are logged in as: user@user.com' and a 'Logout[user@user.com]' link are visible. A sidebar menu on the left lists options: 'General Crime Form', 'Missing/Found Persons', 'Missing/Found Vehicles', 'Missing Vehicle Form', 'Vehicle Found Form' (highlighted), and 'Lost Items'. The main content area is titled 'Stollen Vehicle Found/Seen:' and contains a form with the following fields: 'Number Plate' (MP 52 P987), 'Model' (TVS), 'Location Seen' (31 / 05 / 2020), 'Description' (This bike color black modal CW1123), 'Your Phone Number' (9876543210), 'ID number' (898), and an 'Image' field with a 'Browse...' button and a file name 'aaa(2).jpg'. A blue 'Report' button is located at the bottom right of the form. The footer contains the copyright notice 'Copyright © Crime reporter By DeveloperName'.

**Crime reporter**

You are logged in as: user@user.com

HOME REPORT CRIME ALERTS APPLY Logout[user@user.com]

General Crime Form  
Missing/Found Persons  
Missing/Found Vehicles  
Missing Vehicle Form  
Vehicle Found Form  
Lost Items

**Stollen Vehicle Found/Seen:**

Number Plate: MP 52 P987  
Model: TVS  
Location Seen: 31 / 05 / 2020  
Description: This bike color black modal CW1123  
Your Phone Number: 9876543210  
ID number: 898  
Image: Browse... aaa(2).jpg

Report

Copyright © Crime reporter By DeveloperName

➤ Screenshot for **Report  
Lost/found** (user)

The screenshot displays the 'Crime reporter' web application interface. At the top, the logo 'FIR Crime reporter' is visible. A navigation bar includes links for 'HOME', 'REPORT CRIME' (highlighted), 'ALERTS', and 'APPLY'. On the right of the navigation bar, it shows 'You are logged in as: user@user.com' and a 'Logout[user@user.com]' button. A left sidebar menu lists 'General Crime Form', 'Missing/Found Persons', 'Missing/Found Vehicles', and 'Lost Items'. The main content area is titled 'Report Lost/Found Item:' and contains a form with the following fields: 'Item Name' (filled with 'Bag'), 'Category' (dropdown menu showing 'Lost'), 'Last Seen' (filled with '02 / 07 / 2021'), and 'Item Description:' (filled with 'i have lost my bag'). A blue 'Report' button is located at the bottom right of the form. The footer of the application states 'Copyright © Crime reporter By DeveloperName'.

**Crime reporter**

You are logged in as: user@user.com

HOME REPORT CRIME ALERTS APPLY Logout[user@user.com]

General Crime Form  
Missing/Found Persons  
Missing/Found Vehicles  
Lost Items

**Report Lost/Found Item:**

Item Name: Bag Category: Lost


Last Seen: 02 / 07 / 2021

Item Description: i have lost my bag

Report

Copyright © Crime reporter By DeveloperName

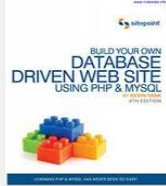

➤ Screenshot for Alerts Missing Vehicle (user)


**Crime reporter**
You are logged in as: user@user.com

[HOME](#)
[REPORT CRIME](#)
[ALERTS](#)
[APPLY](#)
[Logout\[user@user.com\]](#)


- Missing Person List
- Found Person List
- Missing Vehicles List
- Found Vehicles List
- Lost Items List
- Found Items List
- Wanted Criminals
- Security Alerts

### Missing Vehicles

Model	Number plate	Image	Description	Phone Number	Action
Land cruiser	KCA 740C		Its white in color and classic in model	0723746235	<a href="#">Report</a>
sdcpsc	dcdc			034	<a href="#">Report</a>

Copyright © Crime reporter By DeveloperName



➤ Screenshot for **Alert Mission Person** (user)


**Crime reporter**
You are logged in as: user@user.com

HOME
REPORT CRIME
ALERTS
APPLY
Logout[user@user.com]

Missing Person List
Found Person List
Missing Vehicles List
Found Vehicles List
Lost Items List
Found Items List
Wanted Criminals
Security Alerts

### Missing Persons

Status	Full Names	Address	Image	Description	Phone Number	Action
Not Found	Johhy	35 narok		34 hours ago	0-989899898	<a href="#">Report</a>
						

Copyright © Crime reporter By DeveloperName

➤ Screenshot for **Apply** (user)

**Crime reporter**

You are logged in as: [user@user.com](#)

[HOME](#) [REPORT CRIME](#) [ALERTS](#) [APPLY](#) [Logout\[user@user.com\]](#)

**Applications:**

ID number:

Application Type:

[Submit](#)

Copyright © Crime reporter By [DeveloperName](#)

## **CHAPTER 5**

### **SYSTEM TESTING**

The aim of the system testing process was to determine all defects in our project .The program was subjected to a set of test inputs and various observations were made and based on these observations it will be decided whether the program behaves as expected or not. Our Project went through two levels of testing

- 1) Unit Testing
- 2) Integration Testing

### **UNIT TESTING**

Unit testing is undertaken when a module has been created and succesfully reviewed .In order to test a single module we need to provide a complete environment ie besides the module we would requir

- The procedures belonging to other modules that the module under test calls
- Non local data structures that module accesses
- A procedure to call the functions of the module under test with appropriate parameters.

Unit testing was done on each and every module that is described under module description of chapter 4

## **1. Test For the admin module**

- **Testing admin login form-** This form is used for log in of administrator of the system. In this we enter the username and password if both are correct administration page will open otherwise if any of data is wrong it will get redirected back to the login page and again ask for username and password.
- **users account addition-** In this section the admin can verify users details from criminal info and then only add users details to main database it contains add and delete buttons if user click add button data will be added to users database and if he clicks delete button the users data will be deleted.
- **Police Addition-** Admin can enter details of Police and can add the details to the crime table also he can view the crime requests.

## **2. Test for users login module**

- **Test for users login Form-** This form is used for log in of users. In this we enter, username and password if all these are correct student login page will open otherwise if any of data is wrong it will get redirected back to the login page and again ask for libraryid, username and password.
- **Test for account creation-** This form is used for new account creation when users does not fill the form completely it asks again to fill the whole form when he fill the form fully it gets redirected to page which show waiting for conformation message as his data will be only added by administrator after verification.

### **3. Test for users and Police login module-**

Test for police login form- This form is used for logg in of teacher .In this we enter the username and password if all these are correct police and users login page will open other wise if any of data is wrong it will get redirected back to the login page and again ask for username and password.

## **5.2 INTEGRATION TESTING**

In this type of testing we test various integration of the project module by providing the input .The primary objective is to test the module interfaces in order to ensure that no errors are occurring when one module invokes the other module.



## **CHAPTER 6**

### **CONCLUSION & FUTURE SCOPE**

In the modern world, the use of computers and Mobile phones is becoming rampant. More so, recent developments in the ICT Industries has revolutionized and consequently brought about a paradigm shift in the way activities are accomplished. As a result the, crime reporting system needs to embrace these new technologies. This report has presented a simple, convenient, cost-effective, but efficient online crime reporting system with a user-friendly, sensitive and intelligible web interface. Whereby it can be accessed at any time provided there is internet connection.

q

In future system will provide mail facility to editors. Editors can send mail to other stations editor.

- In future system will allow user to register complains online.
- In future system will provide facility to send message.
- The project entitled "Online Crime Reporting" was successfully designed develop.
- The method of video conferencing can be added to make the project livelier.
- Users can view the progress of their complaint online.
- By the future technology user can view the case details and progress of the complaints on their mobile phones.

## **CHAPTER 7**

## **REFERENCES**

- PHP Official  
<https://php.net/manual/en/index.php>
  - PHP Tutorial by Tizag  
<http://tizag.com/phpT/>
  - PHP full course in Hindi  
<https://masterprograming.com/php-full-course-in-hindi-php-tutorial-complete-in-hindi/>
  - Code examples of CSS, HTML, PHP and (css, html, php Hindi PDF)  
<http://bit.do/p7mca>
  - Tutorial by W3Schools  
<https://w3schools.com>
  - Tutorial Point  
<https://www.tutorialspoint.com>
-