

A REPORT OF SIX WEEKS INDUSTRIAL TRAINING

at

**TCIL-IT**

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
AWARD

OF THE DEGREE OF

**BACHELOR OF ENGINEERING**

Computer Science & Engineering



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**SUBMITTED BY:**

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
CHANDIGARH UNIVERSITY, MOHALI

## CANDIDATE'S DECLARATION

I **AYUSH SHARMA** hereby declare that I have undertaken six weeks industrial training at **TCIL-IT** during a period from **8<sup>th</sup> May** to **26<sup>th</sup> Jun** in partial fulfillment of requirements for the award of degree of B.E (COMPUTER SCIENCE & ENGINEERING) at CHANDIGARH UNIVERSITY GHARUAN, MOHALI. The work which is being presented in the training report submitted to Department of Computer Science & Engineering at CHANDIGARH UNIVERSITY GHARUAN, MOHALI is an authentic record of training work.

Signature of the Student

The six weeks industrial training Viva–Voce Examination of \_\_\_\_\_ has been held on \_\_\_\_\_ and accepted.

Signature of Internal Examiner

Signature of External Examiner

## ABSTRACT

- **E-cops Citizen Service** or police management system is a system which provides user a very easy access to the police crime investigation or crime solving system. In this project we provide a simple way to register or report a crime. This will very helpful in sensitive situation. In this project or system we can provide a platform to access police investigatory system. In this system we can report a crime and we can also know our status of reported crime. User will provide with a specific unique No. from which they can be aces their account.
- In this account all the information is present like name, complaint, officer which handled the case, progress of the case etc. Our main motive is to provide an easy accessible service to the citizen, so that they can directly interact with our investigation system.
- In this E-cops system we use XAMPP 3.2 server with php. Also HTML, CSS and Jscript is used for making this project. In this project we ensure more interactions between user and System. This application offer many services for user.

## ACKNOWLEDGEMENT

*First and foremost, I would like to thank God. You have given me the power to believe in myself and pursue my dreams. I could never have done this without the faith I have in you, the Almighty.*

I would like to express my deep gratitude to “**TCIL-IT**” which gave me an opportunity to undergo 6 weeks industrial training at their prestigious organization. I am grateful to **Mr. Ramlal Sharma** for his valuable suggestions and directions throughout the development of the project. I am grateful for his cooperation during the period of my Project. Moral, intellectual and very frequently required support from all the faculty members is also hereby acknowledged.

I feel privileged being from an institution like **CHANDIGARH UNIVERSITY** which provide us their support during the entire period of training. I sincerely thank entire faculty of our department for their immense co-operation.

I would also like to thank my parents and my friends for their encouragement which greatly helped me in completing this project.

After doing this training I can confidently say that this experience has not only enriched me with technical knowledge but also has unparsed the maturity of thought and vision, the attributes required for being a successful professional.

## ABOUT THE COMPANY



### Company profile

TCIL-IT is managed by ICSIL (Intelligent Communication Systems India Ltd.), a Joint Venture of TCIL (Telecommunication Consultants India Ltd), a Govt. of India Enterprise and DSIIDC (Delhi State Industrial Infrastructure Development Corporation Ltd), a Govt. of Delhi Undertaking.

TCIL has established its Training division TCIL- IT, which is running various courses duly approved by various Govt. departments for job oriented skill training. Keeping in view the rising need for quality skilled professionals, TCIL has introduced a gamut of comprehensive courses in Software, Hardware, Multimedia, Telecom & Mobile Phone technology, Interior Design, Fashion Technology, Health Safety and Environment, Engineering and management, Logistics, Call Centre management, through its nationwide network. Over the years TCIL has built up a solid reputation for offering world class advanced training in various sectors. From Indian Army, reputed Universities & Colleges, Banks, Govt. agencies & Multinational companies, TCIL -IT is being sought after by the biggest and the best for imparting job oriented skill training. The curriculum development team of TCIL-IT is in regular touch with today's industry and updates the course curriculum regularly to meet its demands. As the course curriculum is designed giving equal importance to theoretical knowledge and practical skills, the students are sure to acquire relevant modern industries standards

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# CHAPTER -1

## INTRODUCTION

**E-cops Citizen Service** or police management system is a system which provides user a very easy access to the police crime investigation or crime solving system. In this project we provide a simple way to register or report a crime. This will very helpful in sensitive situation. In this project or system we can provide a platform to access police investigatory system. In this system we can report a crime and we can also know our status of reported crime. User will provide with a specific unique No. from which they can be aces their account.

In this account all the information is present like name, complaint, officer which handled the case, progress of the case etc. Our main motive is to provide an easy accessible service to the citizen, so that they can directly interact with our investigation system.

Recent years have seen an increasing use of computers within Police Forces, not just in general administration (e.g. payroll, personnel, e-mail, general office suites etc.), but also as a tool to assist the core business activity of policing (preventing and solving) crime. Increasing crime rates and the (greater awareness of modern criminals) puts a strain on existing methods and techniques. There is therefore a clear need for the application of advanced software technologies in order to make the best use of limited resources. The objective of this project is to provide an insight into the role software systems are playing in Police Forces.

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work. The existing system has several disadvantages and many more difficulties to work well. The proposed system tries to eliminate or reduce these difficulties up to some extent. The proposed system will help the user to reduce the workload and mental conflict. The proposed system helps the user to work user friendly and he can easily do his jobs without time lagging.

## **1.1 PURPOSE OF PROJECT**

The main purpose of the project is to provide a very easy and user friendly access to the police investigatory system. Police investigatory system or police management system is a system which provides a very easy way to report a crime. In this project we provide user a service which directly connected to the police system. Also this can aware the peoples about their rights and law. A special portal for the women is also provides in this project. Our main purpose is providing an easy understanding and accessible police crime investigatory service. Main purpose to build this kind of project is to increase the speed of detecting and reporting a crime. It also show the step by step process of police and law and order about their investigation. It also gives a unique id for the police officers. It provides a list of all the police station near by your entered location.

The project titled as “E-COPS Citizen Service” is a web based application. This provides facility for reporting online crimes, complaints,. Any Number of clients can connect to the server. Each user first makes their login to sever to show their availability. The main purpose of the system is to provide a platform for user where they can interact with our Law and police directly. Where they can ensure their safety as well. The main modules in this project are :-

- Visitors
- Registered Users
- Administrator

## **CHAPTER -2**

### **TRAINING WORK & GENERAL DESCRIPTION**

In this section we can describe all the main languages and software with all their description. To build the E-cops system we use HTML and CSS for backend we use PHP Mysql and the software use is Xampp version 3.2.2. The brief description of different labels is given below:-

#### **2.1 ABOUT PHP**

PHP is an acronym for "PHP Hypertext Preprocessor". PHP is a widely-used, open source scripting language. PHP scripts are executed on the server.

**PHP** is a server side scripting language designed for web-development but also used as a general-purpose programming language. PHP is now installed on more than 244 million website and 2.1 million webserver. Originally created by 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: Hypertext Pre-processor, a recursion acronym.

PHP code is interpreted by a web server with a PHP processor module, which generates the resulting web page: PHP commands can be embedded directly into an HTML source documents 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, which is incompatible with the GNU General Public License (GPL) due to restrictions on the usage of the term PHP. PHP can be deployed on most web servers and also as a standalone shell on almost every operating system and platform, free of charge.

## 2.2 ABOUT HTML

HTML stands for **H**yper **T**ext **M**arkup **L**anguage. HTML is a markup language. A markup language is a set of markup tags. The tags describe document content. HTML documents contain HTML tags and plain text. HTML documents are also called web pages. HTML stands for Hyper Text Markup Language, which is the most widely used language on Web to develop web pages. HTML was created by Berners-Lee in late 1991 but "HTML 2.0" was the first standard HTML specification which was published in 1995. HTML 4.01 was a major version of HTML and it was published in late 1999. Though HTML 4.01 version is widely used but currently we are having HTML-5 version which is an extension to HTML 4.01, and this version was published in 2012.

## 2.3 ABOUT CSS

CSS stands for **C**ascading **S**tyles **S**heets. Styles define how to display HTML elements. Styles were added to HTML 4.0 to solve a problem. External Style Sheets can save a lot of work. External Style Sheets are stored in CSS files **CSS helps Web developers create a uniform look across several pages of a Web site. Instead of defining the style of each table and each block of text within a page's HTML, commonly used styles need to be defined only once in a CSS document.**

## 2.4 JavaScript:-

JavaScript is a lightweight, interpreted programming language. It is designed for creating network-centric applications. It is complimentary to and integrated with Java. JavaScript is very easy to implement because it is integrated with HTML. It is open and cross-platform.

JavaScript is a programming language commonly used in web development. It was originally developed by Netscape as a means to add dynamic and interactive elements to websites. While JavaScript is influenced by Java, the syntax is more similar to C and is based on ECMA Script, a scripting language developed by Sun Microsystems.

JavaScript is a client-side scripting language, which means the source code is processed by the client's web browser rather than on the web server. This means JavaScript functions can run after a webpage has loaded without communicating with the server.

**2.5 XAMPP** is a free and open source cross-platform web server solution stack package, consisting mainly of the Apache HTTP Server, MySQL database, and interpreters for scripts written in the PHP and Perl programming languages.

1. XAMPP's name is an acronym for:
2. X (to be read as "cross", meaning cross-platform)
3. Apache HTTP Server
4. MySQL

## **CHAPTER -3**

### **PROJECT MODULES**

#### **3.1 Modules**

- Visitors
- Registered Users
- Administrator

##### **3.1.1 The visitor module include,**

- View Photo Gallery: This module help the visitor to see the latest photos which can updated by the admin
- View Achievements: This module help the visitor to see the Achievements which can updated by the admin
- View Important Numbers: This module help the visitor to see the Important Contact which can updated by the admin
- View Self Defense Tips:
- View nearby Police Stations.

##### **3.1.2 The registered user module includes**

- Add Complaint: This module help the user to report online complaints.
- Add Crime report: This module help the user to report online crimes.
- View complaint status: This module allows us to view the status of all complaint that you have posted earlier.
- View crime status: This module allows us to view the status of the all crimes that you have posted earlier.
- Add and View feedback: This module helps the user to add and view feedbacks

### **3.1.3 The administrator module includes**

- View and reply user complaint: This module helps the admin to view and reply user's complaint details
- View and reply user crimes: This module helps the admin to view and reply user's crimes details
- New admin: This module used for add new admin
- View and delete user's feedback: This module helps the admin to add and delete user's feedback
- Add, delete and view Photos: This module helps the admin to add, delete and view photos
- Add and view Criminal registration: This module helps the admin to add and view criminal registrations
- Add and view FIR: This module helps the admin to add and view Fir reports
- Add and view history sheet: This module helps the amin to add and view history reports
- View and delete all complaint reply: This module helps the amin to view and delete complaint reply.
- Change password: This module helps the admin to update his or her password

### **3.2 Hardware Requirements**

- Processor- intel core i3 or Higher version
- Ram-1GB
- Disk space-2 GB

### **3.3 Software Requirements**

- Operating system- Windows XP, Linux, Windows 7 ,Windows 8 or Higher version
- Database-PHPmyAdmin (LocalHost Xampp server)
- PHP
- HTML
- Sublime Text Editor/Notepad ++

### **3.4 FUNCTIONAL REQUIREMENTS & SPECIFICATIONS**

In this project various functions are working. Every function have their own specific meaning and purpose. This whole project is working online (HTML/CSS) and oracle database is used in it. Some documentation is done in java also. This project is run in action listener events. It is a kind of web view where we can do our work.

#### **3.4.1 System Features:-**

1. Intel core i3 or higher version.
2. RAM 1GB or higher.
3. HDD space 2-4 GB

#### **3.4.2 Front end requirements:-**

1. HTML
2. CSS
3. PHP
4. JScript

#### **3.4.3 Back end requirements:-**

1. Xampp
2. PHP
3. DATABASE CONNECTIVITY(PHP MYSQL)



## **CHAPTER - 4**

### **SYSTEM DESIGN**

#### **4.1 Database Design**

A database is an organized mechanism that has the capability of storing information through which a user can retrieve stored information in an effective and efficient manner. The data is the purpose of any database and must be protected.

The database design is a two level process. In the first step, user requirements are gathered together and a database is designed which will meet these requirements as clearly as possible. This step is called Information Level Design and it is taken independent of any individual DBMS.

In the second step, this Information level design is transferred into a design for the specific DBMS that will be used to implement the system in question. This step is called Physical Level Design, concerned with the characteristics of the specific DBMS that will be used. A database design runs parallel with the system design. The organization of the data in the database is aimed to achieve the following two major objectives.

- Data Integrity
- Data independence

Normalization is the process of decomposing the attributes in an application, which results in a set of tables with very simple structure. The purpose of normalization is to make tables as simple as possible. Normalization is carried out in this system for the following reasons.

- To structure the data so that there is no repetition of data , this helps in saving.
- To permit simple retrieval of data in response to query and report request.
- To simplify the maintenance of the data through updates, insertions, Deletions.
- To reduce the need to restructure or reorganize data which new application Requirements arise

#### 4.1 PHP Development Diagram

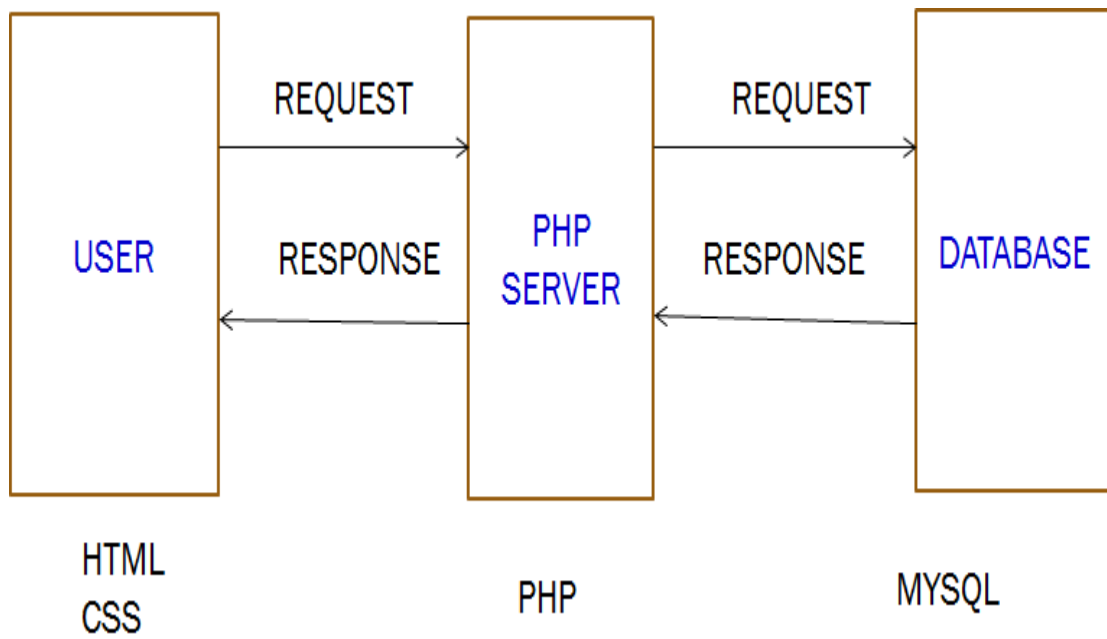
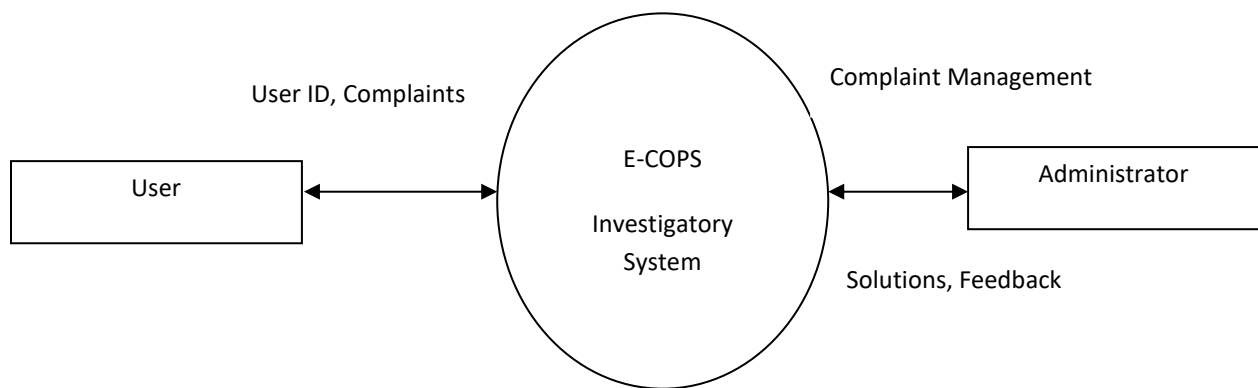


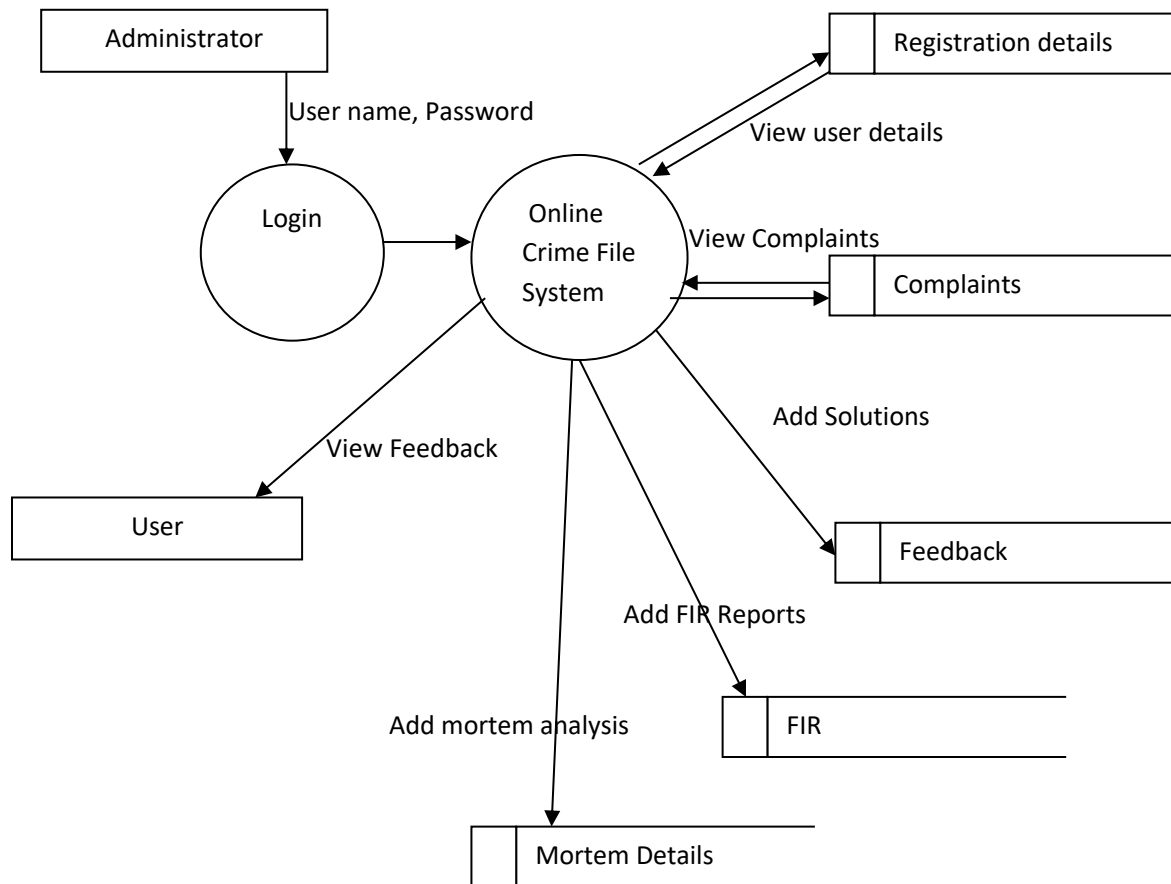
Fig: 4.1.1 PHP Development Diagram

## 4.2 Data Flow Diagram

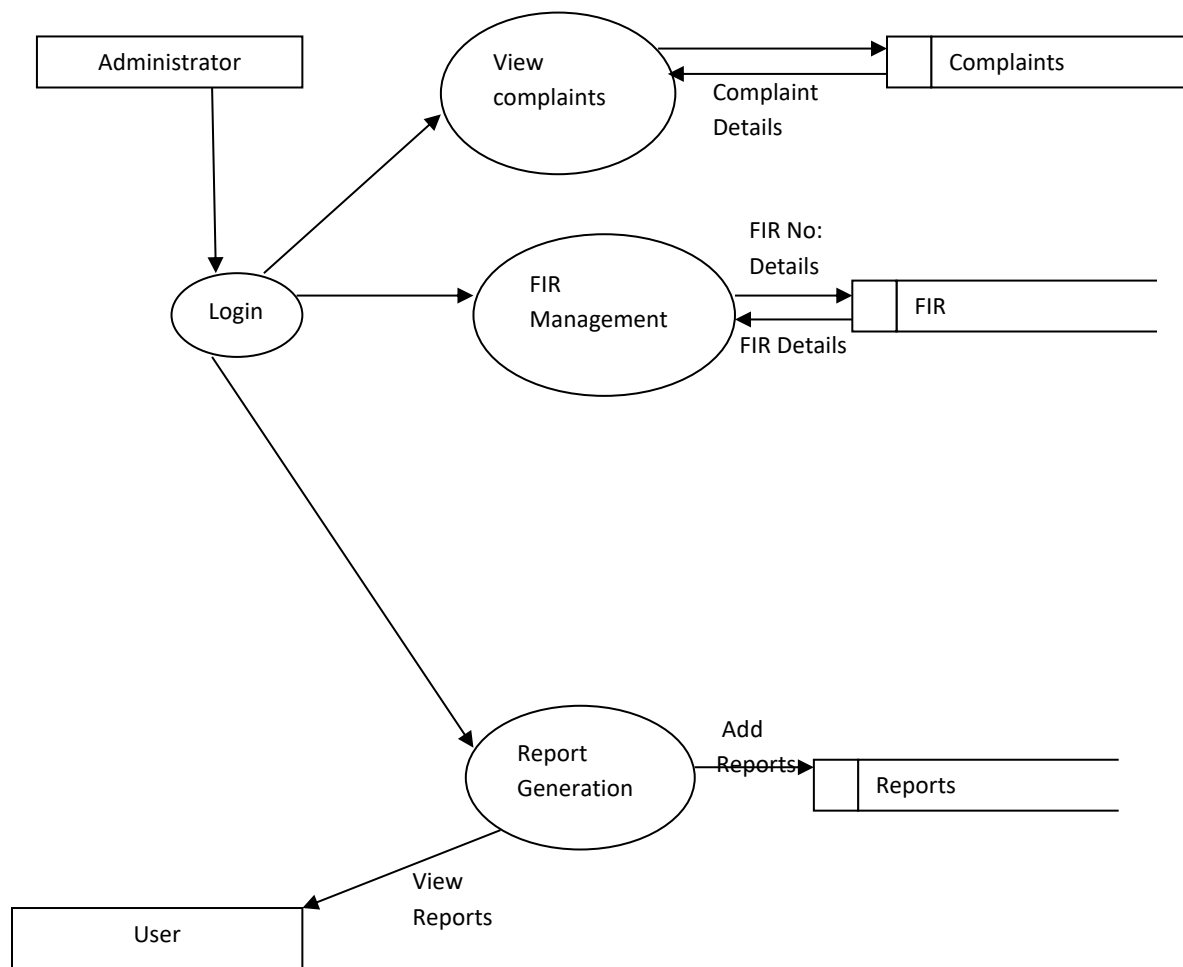
### 4.2.1 Context flow diagram



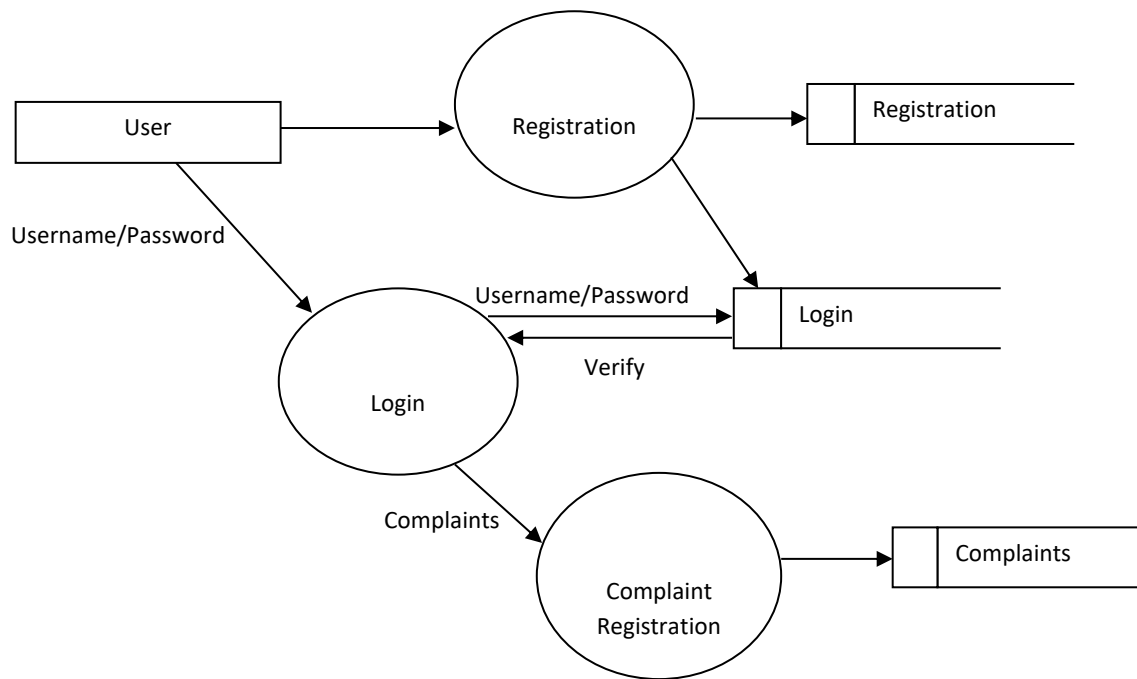
### Level 1 DFD- Administrator



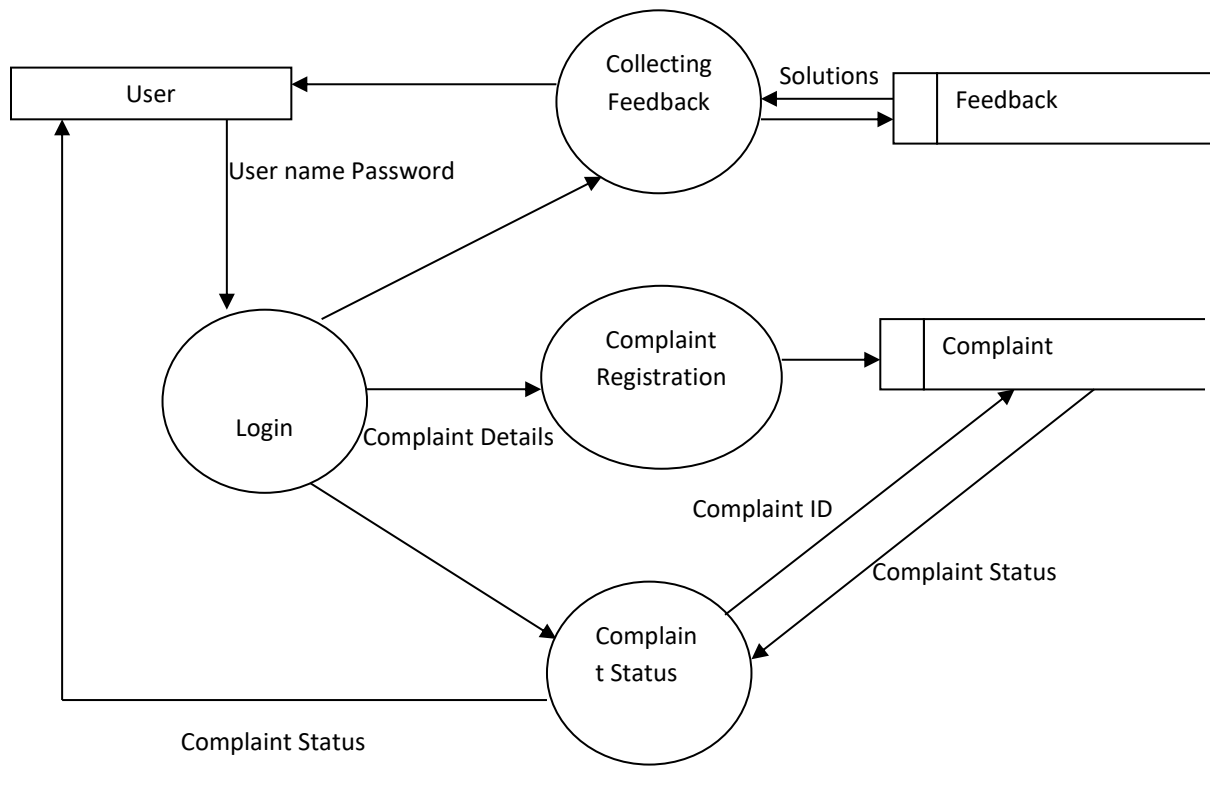
## Level 2 DFD- Administrator



### Level 1 DFD- User



## Level 2 DFD- User



## 4.3 TABLES STRUCTURE

### 4.3.1 Table Name: Login

Fieldname	Data Type	Length	Key
Username	Varchar	20	Primary key
Password	Varchar	25	-
login		10	-

### 4.3.2 Table Name: User Registration

Fieldname	Data Type	Length	Key
Name	Varchar	20	-
Occupation	Varchar	20	-
E-mail	Varchar	20	-
Age	Varchar	50	-
Aadhar No	Varchar	50	-
Mobile No	Varchar	50	-
Pincode	Integer	9	-
Address	Integer	10	-
State	Varchar	30	-
City	Varchar	15	-
Other personal details	Text	-	-
ID	Varchar	15	Primary key



#### 4.3.3 Table Name: Crime Registration

Fieldname	Data Type	Length	Key
Name	Varchar	20	Primary key
Occupation	Varchar	20	-
Mobile No	Varchar	20	-
Age	Varchar	50	-
Address	Varchar	50	-
Aadhar No	Integer	20	-
State	Varchar	20	-
City	Varchar	25	-
Country	Integer	11	-
Pincode	Varchar	25	-
Location of incident	Varchar	10	-
People Involved	Integer	10	-
Nearest Police Station	Varchar	30	-
Date Of crime	Date		
Describe the incident	Text	400	-
ID	Integer	-	Primary Key

#### 4.3.4 Table Name: User Registration (WOMEN PORTAL)

Fieldname	Data Type	Length	Key
Name	Varchar	20	-
Occupation	Varchar	20	-
E-mail	Varchar	20	-
Age	Varchar	50	-
Aadhar No	Varchar	50	-
Mobile No	Varchar	50	-
Pincode	Integer	9	-
Address	Integer	10	-
State	Varchar	30	-
City	Varchar	15	-
Type of crime`	Varchar	20	-
People Involved	VARCHAR	20	-
Nearest Police Station	Varchar	20	-
Name of Accused	Varchar	20	-
Other personal details	Text	-	-
ID	Varchar	15	Primary key
Hide Details	Boolean	-	-

#### 4.3.5 Table Name: Case Details

Fieldname	Data Type	Length	Key
Case No	Integer	20	Primary key
Name	Varchar	25	-
View Details		10	-

## **CHAPTER - 5**

### **RESULT**

The project report entitled “E-COPS-Citizen Service” (ONLINE POLICE INVESTIGATORY SYSTEM) has come to its final stage. The system has been developed with much care that it is free of errors and at the same time it is efficient and less time consuming. The entire system is secured. The whole project is working on local host server. It is connected with database from where it access data and store data also.

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work. The existing system has several disadvantages and many more difficulties to work well. The proposed system tries to eliminate or reduce these difficulties up to some extent. The proposed system will help the user to reduce the workload and mental conflict. The proposed system helps the user to work user friendly and he can easily do his jobs without time lagging.

Various features are introduced in this project. The whole project is user friendly and easy to use; it is mainly developed for the ease of peoples or mankind to connect with our police and administrator department. Here they can easily find the solution of their problem.

## 5.1 PROJECT SNAP SHOT: (USER VIEW)

### 1. Home Page:

**ECOPS-CITIZEN SERVICE** HOME SERVICES ABOUT US CONTACT US Sign In Register

**OFFICE ORDER**

- Order Under MCC
- Building Rules
- Updated Holidays List
- Upcoming Test
- Match Details

**INDIAN POLICE**

The Indian Police Service (Bhartiya Pulis Seva) or IPS, is an All India Service for policing. It replaced the Indian Imperial Police in 1948, a year after India gained independence from Britain. The service is not a force itself but provides leaders and commanders to staff the state police and all-India Central Armed Police Forces. Its members are the senior officers of the police.

**LAW AND ORDER**

The Police force in the country is entrusted with the responsibility of maintenance of public order and prevention and detection of crimes. Each state and union territory of India has its own separate police force. Article 246 of the Constitution of India (External website that opens in a new window) designates the police as a state subject, which means that the state governments frame the rules....

**JUDICIORY SYSTEM**

The Indian Judiciary administers a common law system of legal jurisdiction, in which customs, precedents and legislation, all codify the law of the land. It has in fact, inherited the legacy of the legal system established by the then colonial powers and the princely states since the mid-19th century, and has partly retained characteristics of practices from the ancient and medieval times.

**NEWS AND UPDATES**

- Order Under MCC
- Building Rules
- Updated Holidays List
- Upcoming Test
- Match Details

**SAFETY & SECURITY**

**CHILD** **WOMEN** **MOBILE** **INTERNET** **ROAD**

**ECOPS-सेवा, सुरक्षा, शांति**

**Kiran Bedi, former IPS Officer**

"I needed to be in a commanding position and be with the waves, so that I could then help the less fortunate."

**SHAKTI BUTTON**

01 02 03

**SHAKTI BUTTON**

An army that has no tradition of courage, fearlessness and invincibility cannot hold its own in a struggle with a powerful enemy.

Address-New Delux Building, Jan Marg, Sector 17, Chandigarh, 160017

EMAIL-Sharmaaay981@gmail.com CONTACT NO-9872577654

VISIT US ON:- Facebook WhatsApp-9872577654

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The contents in this website are copyright protected. You will be prosecuted to the maximum extent under Information Technology Act, 2000 if we find you in violation to this warning. Designed & Developed by: Ayush Sharma.

Fig: 5.1.1(A) Home Page

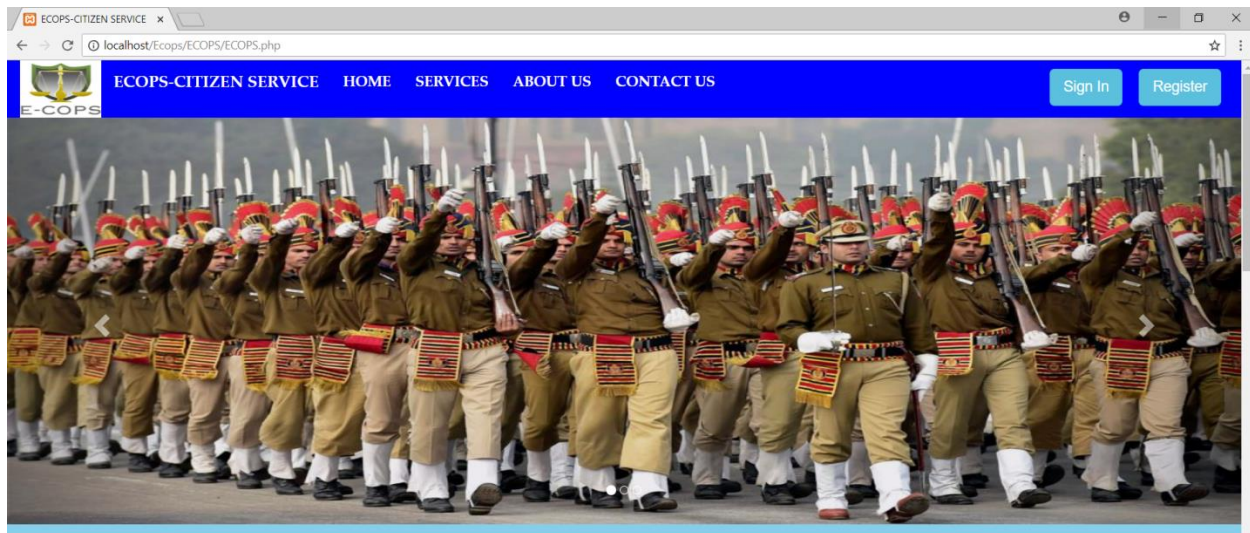


Fig: 5.1.1(B) Home Page



Fig: 5.1.1(c) Home Page



Fig: 5.1.1(d) Home Page



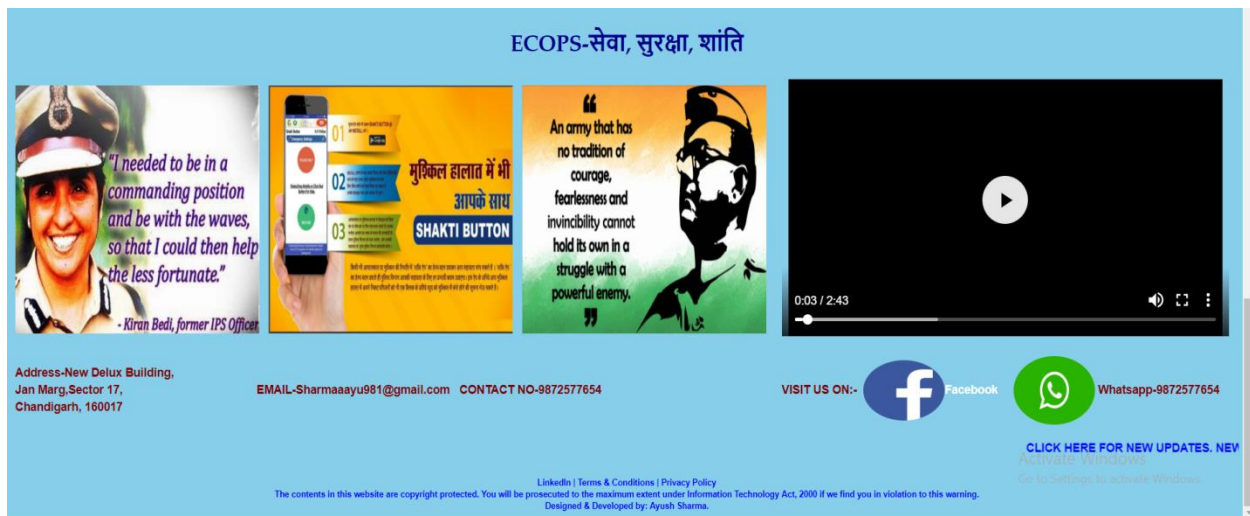


Fig: 5.1.1(e) Home Page

## 2. Image Gallery

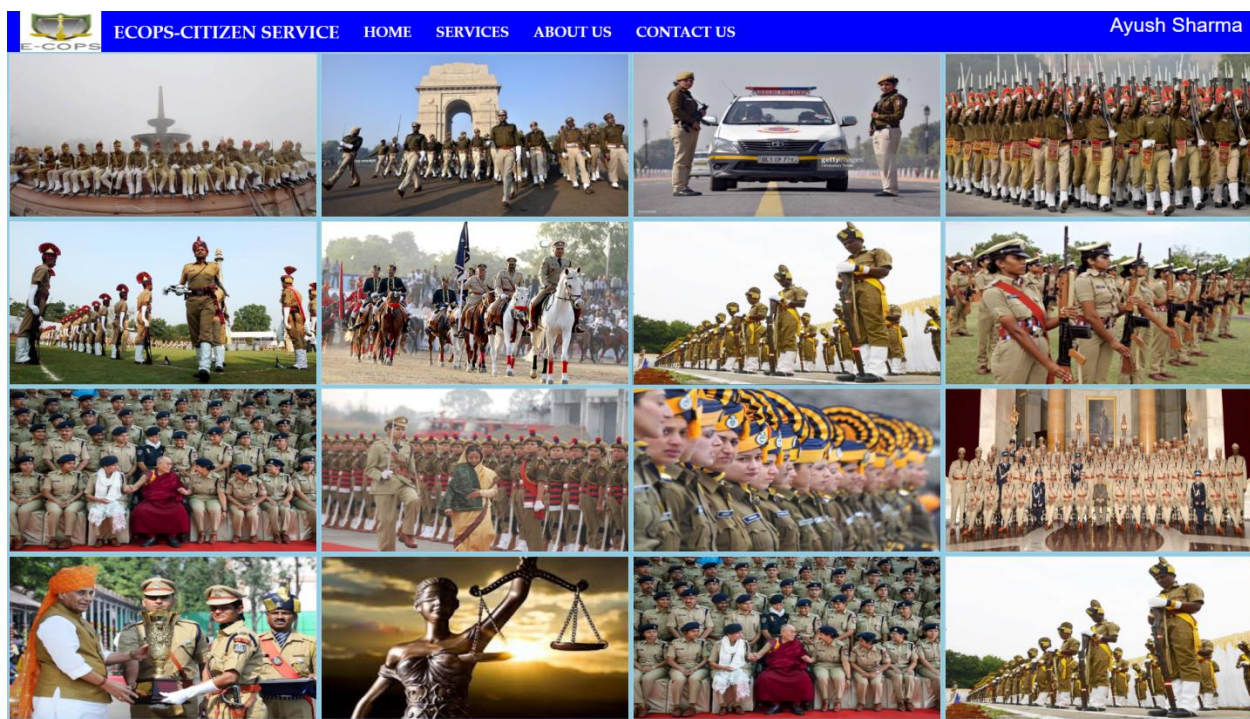


Fig: 5.1.2 Image Gallery

### 3. Achievements

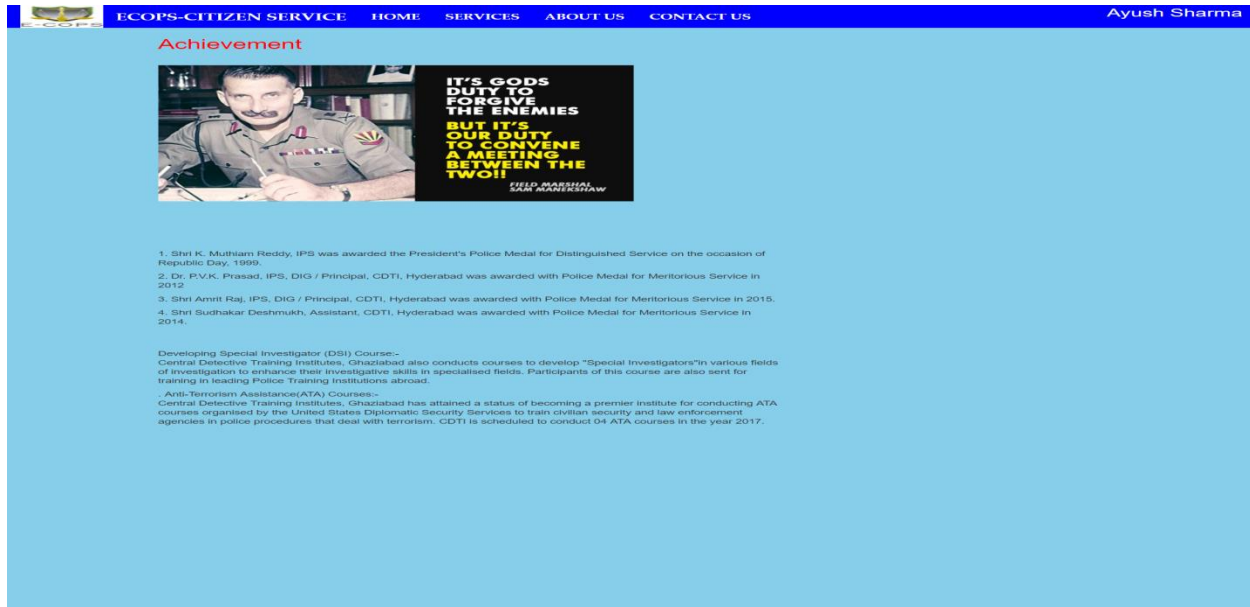


Fig: 5.1.3 Achievement

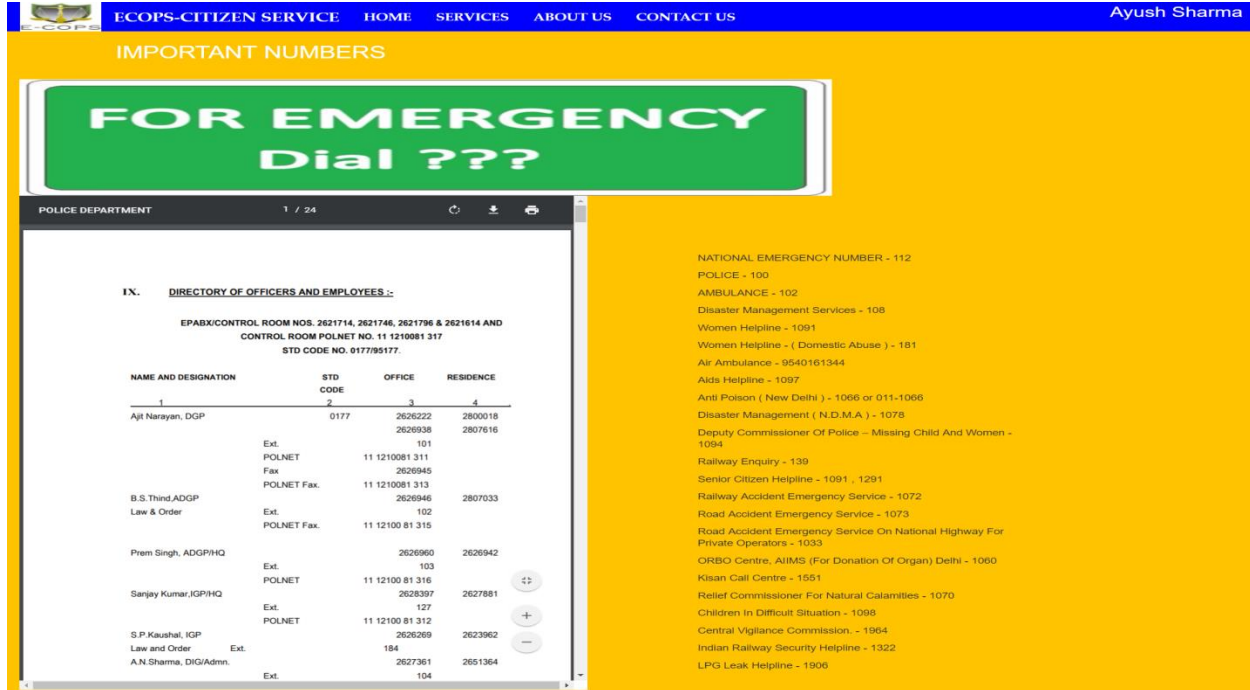
### 4. Self Defense Tips



Fig: 5.1.4 Self Defense Tips



## 5. Important Numbers:



**FOR EMERGENCY Dial ???**

**IN. DIRECTORY OF OFFICERS AND EMPLOYEES :-**

EPABX/CONTROL ROOM NOS. 2621714, 2621746, 2621796 & 2621614 AND  
CONTROL ROOM POLNET NO. 11 1210081 317  
STD CODE NO. 0177/85177.

NAME AND DESIGNATION	STD CODE	OFFICE	RESIDENCE
1	2	3	4
Ajit Narayan, DGP	0177	2626222	2800018
		2626938	2807616
	Ext.	101	
	POLNET	11 1210081 311	
	Fax	2626945	
	POLNET Fax.	11 1210081 313	
B.S.Thind,ADGP		2626946	2807033
Law & Order	Ext.	102	
	POLNET Fax.	11 12100 81 315	
Prem Singh, ADGP/HQ		2626960	2626942
	Ext.	103	
	POLNET	11 12100 81 316	
Sanjay Kumar,IGP/HQ		2628397	2627881
	Ext.	127	
	POLNET	11 12100 81 312	
S.P.Kaushal, IGP		2626269	2623962
Law and Order	Ext.	184	
A.N.Sharma, DIG/Admin.		2627361	2651364
	Ext.	104	

**NATIONAL EMERGENCY NUMBER - 112**  
**POLICE - 100**  
**AMBULANCE - 102**  
 Disaster Management Services - 108  
 Women Helpline - 1091  
 Women Helpline - ( Domestic Abuse ) - 181  
 Air Ambulance - 9540161344  
 Aids Helpline - 1097  
 Anti Poison ( New Delhi ) - 1066 or 011-1066  
 Disaster Management ( N.D.M.A ) - 1078  
 Deputy Commissioner Of Police - Missing Child And Women - 1094  
 Railway Enquiry - 139  
 Senior Citizen Helpline - 1091 , 1291  
 Railway Accident Emergency Service - 1072  
 Road Accident Emergency Service - 1073  
 Road Accident Emergency Service On National Highway For Private Operators - 1033  
 ORBO Centre, AIIMS (For Donation Of Organ) Delhi - 1060  
 Kisan Call Centre - 1551  
 Relief Commissioner For Natural Calamities - 1070  
 Children In Difficult Situation - 1098  
 Central Vigilance Commission - 1964  
 Indian Railway Security Helpline - 1322  
 LPG Leak Helpline - 1906

Fig: 5.1.5 Important Numbers

## 6. Police Stations



**POLICE STATIONS**

**List of Police Station Of Chandigarh:**  
**Police Station = Phone No**

11 Police Station 2747066 = 1311  
 17 Police Station 2773951 = 1317  
 19 Police Station 2775173 = 1362  
 26 Police Station 2790594 = 1326  
 3 Police Station 2740254 = 1439  
 31 Police Station 2662698 = 1460  
 34 Police Station 2662697 = 1334  
 36 Police Station 2662695 = 1361  
 39 Police Station 2690906 = 1339  
 Indi Area Police Station 2657344 = 1329  
 Mani Majra Police Station 2734082 = 1457  
**INDIAN POLICE SERVICES**

Fig: 5.1.6. Nearby Police Stations

## 7. Law & Order



ECOPS-CITIZEN SERVICE   HOME   SERVICES   ABOUT US   CONTACT US

Ayush Sharma

### LAW AND ORDER OF INDIA



The Police force in the country is entrusted with the responsibility of maintenance of public order and prevention and detection of crimes. Each state and union territory of India has its own separate police force. Article 246 of the Constitution of India designates the police as a state subject, which means that the state governments frame the rules and regulations that govern each police force.

These rules and regulations are contained in the police manuals of each state force. The Police force in the state is headed by the Director General of Police/Inspector General of Police. Each State is divided into convenient territorial divisions called ranges and each police range is under the administrative control of a Deputy Inspector General of Police. A number of districts constitute the range. District police is further sub-divided into police divisions, circles and police-stations. Besides the civil police, states also maintain their own armed police and have separate intelligence branches, crime branches, etc. Police set-up in big cities like Delhi, Kolkata, Mumbai, Chennai, Bangalore, Hyderabad, Ahmedabad, Nagpur, Pune, Bhubaneswar-Cuttack etc. is directly under a Commissioner of Police who enjoys magisterial powers. All senior police posts in various states are manned by the Indian Police Services (IPS) cadres, recruitment to which is made on all-India basis.

The Central Government maintains Central Police forces, Intelligence Bureau (IB), Central Bureau of Investigation (CBI) institutions for training of police officers and forensic science institutions to assist the state in gathering intelligence, in maintaining law and order, in investigating special crime cases and in providing training to the senior police officers of the state governments. Law of India refers to the system of law in modern India. India maintains a hybrid legal system with a mixture of civil, common law and customary or religious law within the legal framework inherited from the colonial era and various legislation first introduced by the British are still in effect in modified forms today. Since the drafting of the Indian Constitution, Indian laws also adhere to the United Nations guidelines on human rights law and the environmental law. Certain international trade laws, such as those on intellectual property, are also enforced in India. Indian personal law is fairly complex, with each religion adhering to its own specific laws. In most states, registering of marriages and divorces is not compulsory. Separate laws govern Sikhs, Hindus, Muslims, Christians, and followers of other religions. The exception to this rule is in the state of Goa, where a uniform civil code is in place, in which all religions have a common law regarding marriages, divorces, and adoption. In the first major reformist judgment for the last decade, the Supreme Court of India banned the Islamic practice of "Triple Talaq" (divorce by uttering of the "Talaq" word thrice by the husband). [1] The landmark Supreme Court of India judgment was welcomed by women activists across India. [2] As of January 2017, there were about 1,248 laws. [3] However, since there are Central laws as well as State laws, it is difficult to ascertain their exact numbers as on a given date and the best way to find the Central Laws in India is from the official website.

**List of constitutional rights**

a. All rights already recognized in the above titles, and in the Constitution as amended.

b. Due process and efficient remediation

1. General
1. Due notice of time, place, manner, parties, and subject of any proceeding with sufficient time to respond.
2. Fair hearing and decision on the legal merits, with redress for just grievances, including damages, property, or injunctive or declaratory relief.
3. Not to have just remedies made inaccessible or excessively difficult or costly.
4. Mandated testimony of witnesses.
5. Unimpeded access to courts, court filing, and grand juries, subject only to routine scheduling.
6. Direct presentation of complaints to a grand jury without the presence of any other government actor without the consent of the grand jury.
7. Standing to privately prosecute a public right without having been injured or expecting personal injury.
8. Not to be subject to retaliation.
9. Not to have admitted any plea or testimony induced by a plea bargain.
10. Not to have any property or asset taken or forfeited without civil or criminal judgment in a trial, with possession presumed to establish title unless proved otherwise.
11. Not to have any right, privilege, or immunity disabled by statute unless one is a minor, which by default shall be any individual under the age of 18 unless the disabilities of minority are extended or reduced by court order.

Fig: 5.1.7 Law & Order

## 8. SERVICES (Main Panel)

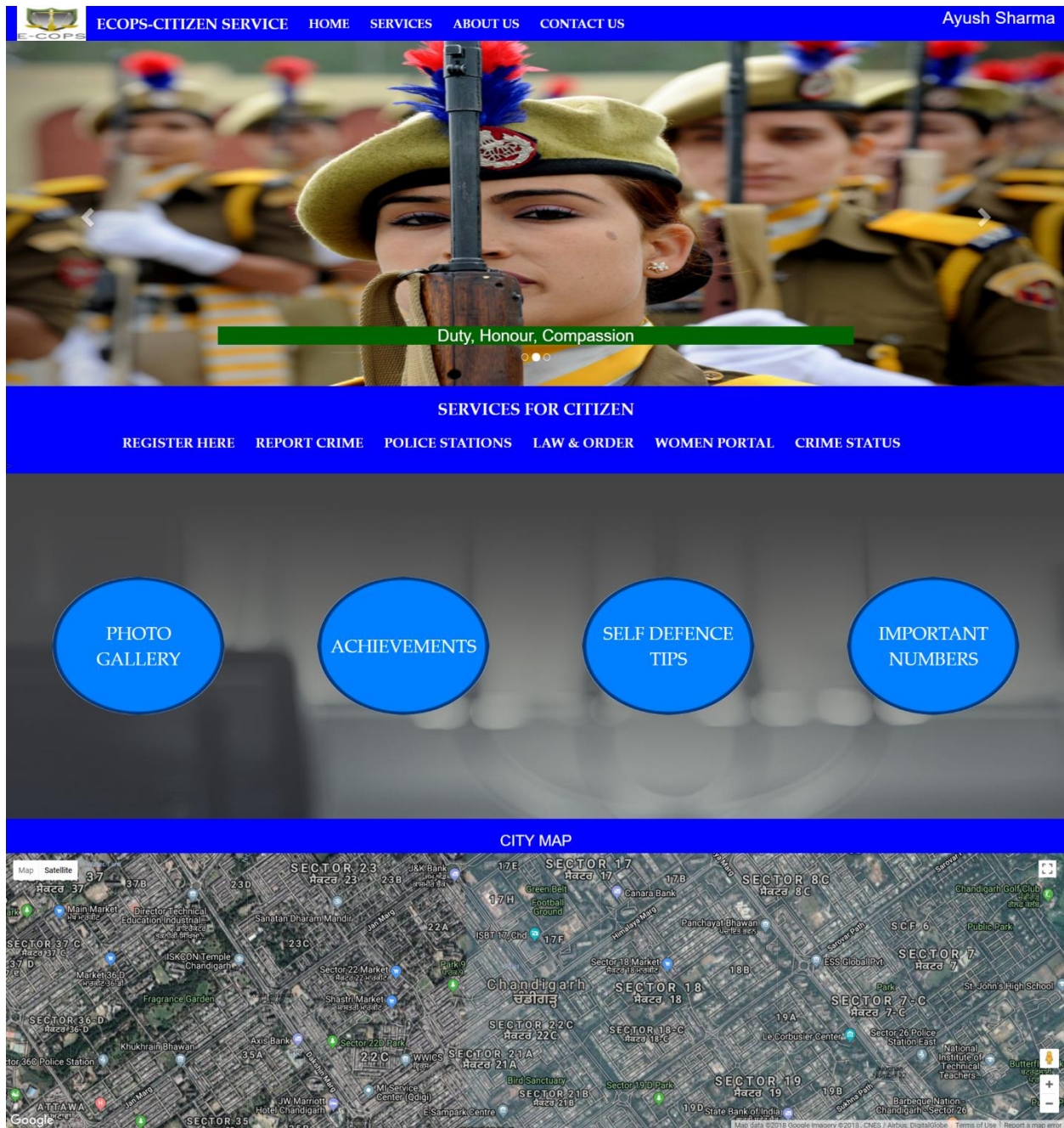
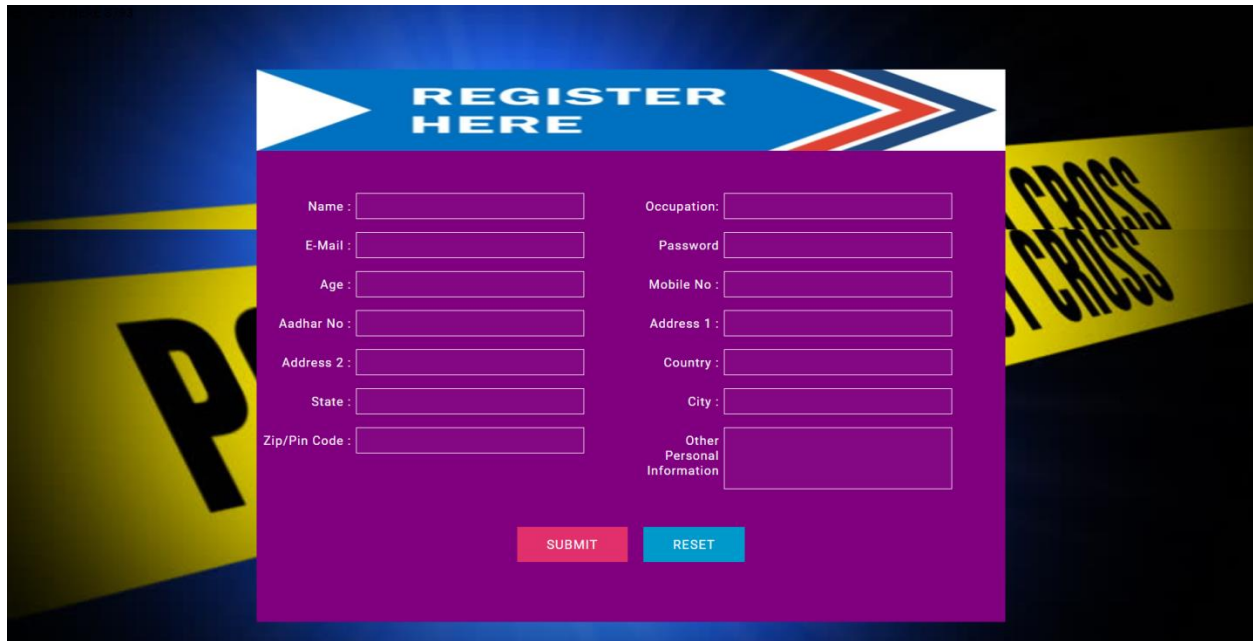


Fig: 5.1.8 SERVICES (Main Panel)



## 9. User Registration Form



The User Registration Form is a web-based interface for creating a new user account. It features a blue header with the text "REGISTER HERE" and a red and white chevron graphic. The form is set against a purple background with a yellow "POLICE CROSS" caution tape graphic on the sides. The form contains the following fields:

Field	Field
Name :	Occupation :
E-Mail :	Password :
Age :	Mobile No. :
Aadhar No. :	Address 1 :
Address 2 :	Country :
State :	City :
Zip/Pin Code :	Other Personal Information :

At the bottom of the form are two buttons: "SUBMIT" (red) and "RESET" (blue).

Fig: 5.1.9 User Registration Form

## 10. Crime Registration Form



The Crime Registration Form is a web-based interface for reporting a crime. It features a blue header with the text "Online Crime Reporting" and a police badge icon. The form is set against a purple background with a yellow "POLICE CROSS" caution tape graphic on the sides. The form contains the following fields:

Field	Field
Name :	Occupation :
E-Mail :	Age :
Mobile No. :	Aadhar No. :
Address :	Country :
State :	City :
Zip/Pincode :	Location Of Incident :
Date Of Crime :	Nearest Police Station :
People Involved :	Name Of Accused :
Describe The Incident :	

At the bottom of the form are two buttons: "SUBMIT" (red) and "RESET" (blue).

Fig: 5.1.10 Crime Registration Form

## 11. Women Complaint Registration Form:

REGISTER COMPLAINT HERE(WOMEN)

Name :	<input type="text"/>	Occupation:	<input type="text"/>
E-Mail :	<input type="text"/>	Age :	<input type="text"/>
Mobile No :	<input type="text"/>	Aadhar No :	<input type="text"/>
Address:	<input type="text"/>	Country :	<input type="text"/>
State :	<input type="text"/>	City :	<input type="text"/>
Zip/Pincode:	<input type="text"/>	Type Of Crime	<input type="text"/>
Location Of Incident :	<input type="text"/>	Date Of Crime	<input type="text"/>
Nearest Police Station:	<input type="text"/>	People Involved	<input type="text"/>
		Name Of Accused	<input type="text"/>
Describe The Incident <input type="text"/>			

SUBMIT RESET

Fig: 5.1.11 Women Complaint Registration Form

## 12. Case Details

Firewall Authentication x VIEW CASE DETAILS x

localhost/main%20project/ECOPSS/index.php

CASE DETAILS

COPS

ONLINE POLICE CRIME INVESTIGATORY SYSTEM

सत्यमेव जयते

CASE

CASE NO

CASE NO

NAME

NAME  Please fill out this field.

VIEW DETAILS

My Complete rep...docx

Type here to search

10:04 AM 4/10/2018

Fig: 5.1.12 Case Details

## 13.About US

**E-COPS**  
ONLINE POLICE CRIME  
INVESTIGATORY SYSTEM

E-cops or police management system is a system which provides user a very easy access to the police crime investigation or crime solving system. In this project we provide a simple way to register or report a crime. This will very helpful in sensitive situation. In this project or system we can provide a platform to access police investigatory system. In this system we can report a crime and we can also know our status of reported crime. User will provide with a specific unique No. from which they can be aces their account. In this account all the information is present like name, complaint, officer which handled the case, progress of the case etc. Our main motive is to provide an easy accessible service to the citizen, so that they can directly interact with our investigation system. Recent years have seen an increasing use of computers within Police Forces, not just in general administration (e.g. payroll, personnel, e-mail, general office suites etc.), but also as a tool to assist the core business activity of policing (preventing and solving) crime. Increasing crime rates and the (greater awareness of modern criminals) puts a strain on existing methods and techniques. There is therefore a clear need for the application of advanced software technologies in order to make the best use of limited resources. The objective of this project is to provide an insight into the role software systems are playing in Police Forces.

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Fig: 5.1.13. About Us

## 14. Contact Us

**Cyber Crime Investigation Cell**  
Superintendent of Police, Cyber Crime Investigation Cell,  
Central Bureau of Investigation,  
5th Floor, Block No.3,  
Lodhi Road, New Delhi 110003  
Ph:011-24361271  
Website-Spec09del@cbi.gov.in

**State Police Headquarter(Himachal Pradesh)**  
Sh. Anurag Garg, IPS  
IGP (L&O) ADGP Law & Order  
Phone-91-177-2629960 98008 1600  
Director General of Police Nigam Vihar Shimla-2.171002  
Website-adgp-lao-hp@ntc.in

TE-cops or police management system is a system which provides user a very easy access to the police crime investigation or crime solving system. In this project we provide a simple way to register or report a crime. This will very helpful in sensitive situation. In this project or system we can provide a platform to access police investigatory system. ...

You can also provide us your feedback about the website.  
Just Enter your Name and Email address with the message you want to convey.

Name   
Email   
Country

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Chandigarh, 160017

**EMAIL-**Sharmaaay981@gmail.com **CONTACT NO-**9872577654

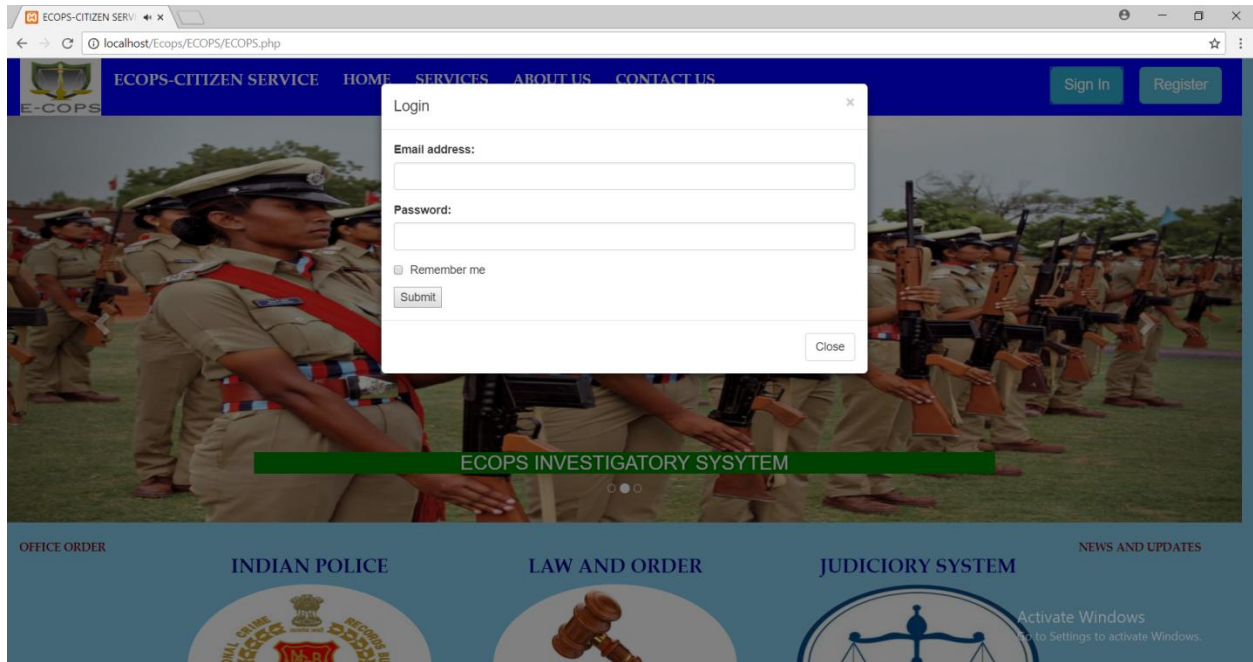
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Fig: 5.1.14 Contact Us

## 15.Login Form



The screenshot shows a web browser window with the URL `localhost/ECops/ECOPS/ECOPS.php`. The website has a blue header with the text "ECOPS-CITIZEN SERVICE" and navigation links: "HOME", "SERVICES", "ABOUT US", and "CONTACT US". There are "Sign In" and "Register" buttons in the top right. A login form is overlaid in the center, containing fields for "Email address:" and "Password:", a "Remember me" checkbox, a "Submit" button, and a "Close" button. The background of the website features a banner image of police officers in uniform. Below the banner, there is a green bar with the text "ECOPS INVESTIGATORY SYSYEM". At the bottom, there are sections for "OFFICE ORDER", "INDIAN POLICE", "LAW AND ORDER", "JUDICIORY SYSTEM", and "NEWS AND UPDATES".

Fig: 5.1.15 Login Form

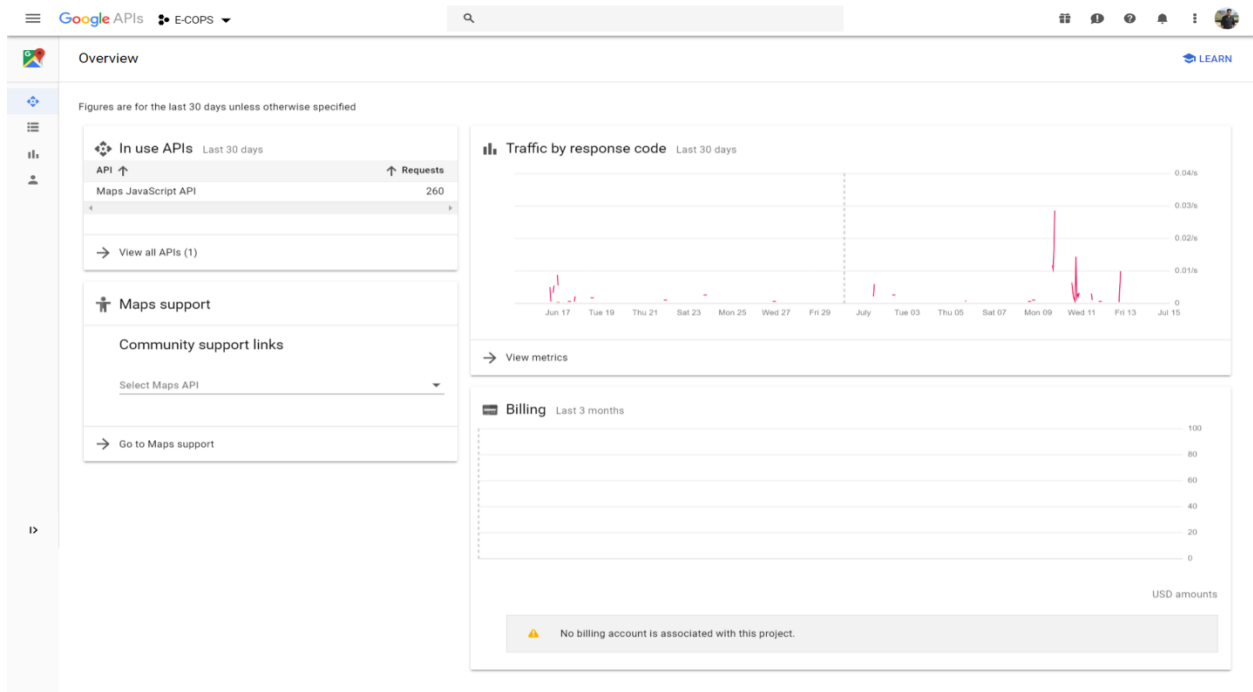


Fig: 5.1.16 Google Map API.(Traffic Graph)

## **CHAPTER – 6**

### **CONCLUSION**

The project titled as “E-COPS Citizen Service” Online Police Investigation System is a web based application. This application provides facility for reporting online crimes, complaints. This software is developed with scalability in mind. Additional modules can be easily added when necessary. The software is developed with modular approach. All modules in the system have been tested with valid data and invalid data and everything work successfully. Thus the system has fulfilled all the objectives identified and is able to replace the existing system.

The project has been completed successfully with the maximum satisfaction of the organization. The constraints are met and overcome successfully. The system is designed as like it was decided in the design phase. The project gives good idea on developing a full-fledged application satisfying the user requirements.

The system is very flexible and versatile. This software has a user-friendly screen that enables the user to use without any inconvenience. Validation checks induced have greatly reduced errors. Provisions have been made to upgrade the software. The application has been tested with live data and has provided a successful result. Hence the software has proved to work efficiently.



## **6.1 SCOPE OF PROJECT**

Goals and scopes of the project are like:-

1. To provide easy way to interact with our law or police system.
2. User friendly interface for all.
3. Provide information about law and order.
4. Provide information about police stations nearby your location.
5. Provide a fast access and report a crime from any place.
6. Updated and maintained record of every case. (Gives Information about pending solved or under-processed cases).
7. Provide women a best level of security feature.
8. Special portal for women.(Hides the personal information of the women)
9. Special portal for police officers.(Login to their personal database; maintained by government
10. Further developed into android application (Which includes the GPS or Current location service).
11. Ensure data accuracy's.
12. Proper control of the higher officials.
13. Reduce the damages of the machines.
14. Minimize manual data entry.
15. Minimum time needed for the various processing.
16. Greater efficiency.
17. Better service.
18. User friendliness and interactive.
19. Minimum time required.

## **CHAPTER - 7**

### **REFERENCES**

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