A Project Report

on

E-Crime Management System

Submitted in partial fulfillment of the

requirement for the award of the degree

of

Bachelor of Technology in Computer Science and Engineering

Under The Supervision

of

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Signature:

Satyajeet ,Varsha

INTRODUCTION

“FIR SYSTEM’ is a free, travel-oriented community website featuring user-contributed to guides for launch the complaint. E-Crime Report (often written E-CR) is one of a number of complaint websites on the Web. “FIR SYSTEM” hosts content such as suggestions, reviews and lots of attractive choices for the users are available. Because of E-Crime Report is the best platform to launch their complaint by the around India as it enables the general public to register on the site as a 'member' and use a number of services at no cost.

“FIR SYSTEM” uses social media techniques to provide not just content for complain issues, but to enable a sense of community through its active crime forums.

We discovered this cool guide website which covers nearly 150 police station around India.

OBJECTIVE

"FIR SYSTEM" is a informal and interactive website loaded with destination knowledge, research skills, public speaking techniques. It is designed to launch complaint by the Victim (User) according to their information as well as proofs based on the crime, so admin can transfer all the information to nearest police station via user addresses.

By the end of the course the participant will be able to

- describe the background and roles of services
- explain the elements of effective information
- source information
- complaint against any crime
- easy to launch complaint
- create and deliver their information
- perform administrative tasks.

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FEASIBILITY STUDY

Feasibility study is a measure of how beneficial the development of an information system would be an organization.

Feasibility study is carried out to select the best system that needs performance requirements. So we can say feasibility study has been determined that our project is enable the analyst can go ahead and prepare project specification which finalize the project requirement.

The prime focus of the feasibility study is evaluating the practicality of the proposed system
keeping in mind a number of factors.

The following factors are deciding in favor of the project development.

1.ECONOMIC FEASIBILITY:

The proposed of “FIR SYSTEM” will save time for users as it provides information on your click. This system will help to get updated information with short amount of time. Every registered user is able to see this website. Everything will maintain automatically. There is no any employee work and it will reduce employee resource, because system will maintain all manual works for users.

2.TECHNICAL FEASIBILITY:

As the saying goes, “to error is human”. Keeping in view the above fact, develop project which automatically maintain user’s record of organization, who wants to ask queries through system. The key process area of current system is nicely amenable to automation and hence the technical feasibility is proved beyond doubt.

3.OPERATIONAL FEASIBILITY:

The project maintenance is time-consuming. The project will not only increase the authentication efficiency from unauthorized users. This system will maintain time and will complete process in less time without any other resource like; calling any authority or getting information from any concerned department.

ANALYSIS

High Level DFD and Data Dictionary

1. Data Dictionary

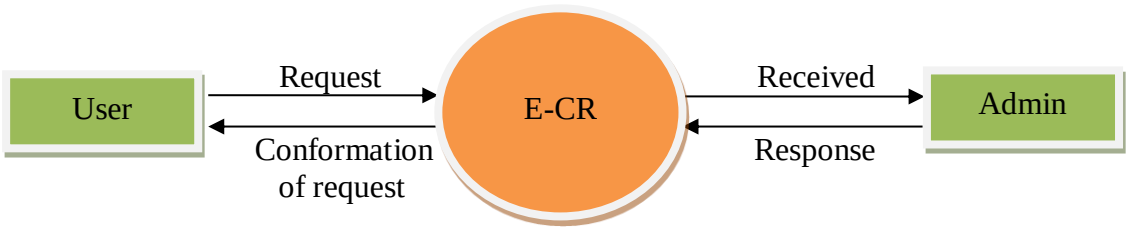
Data dictionary is a metadata i.e. data about data. It's a repository that contains descriptions of all data objects consumed or produced by the software. It lies at the core of the analysis model.

2. DFD (Data Flow Diagram)

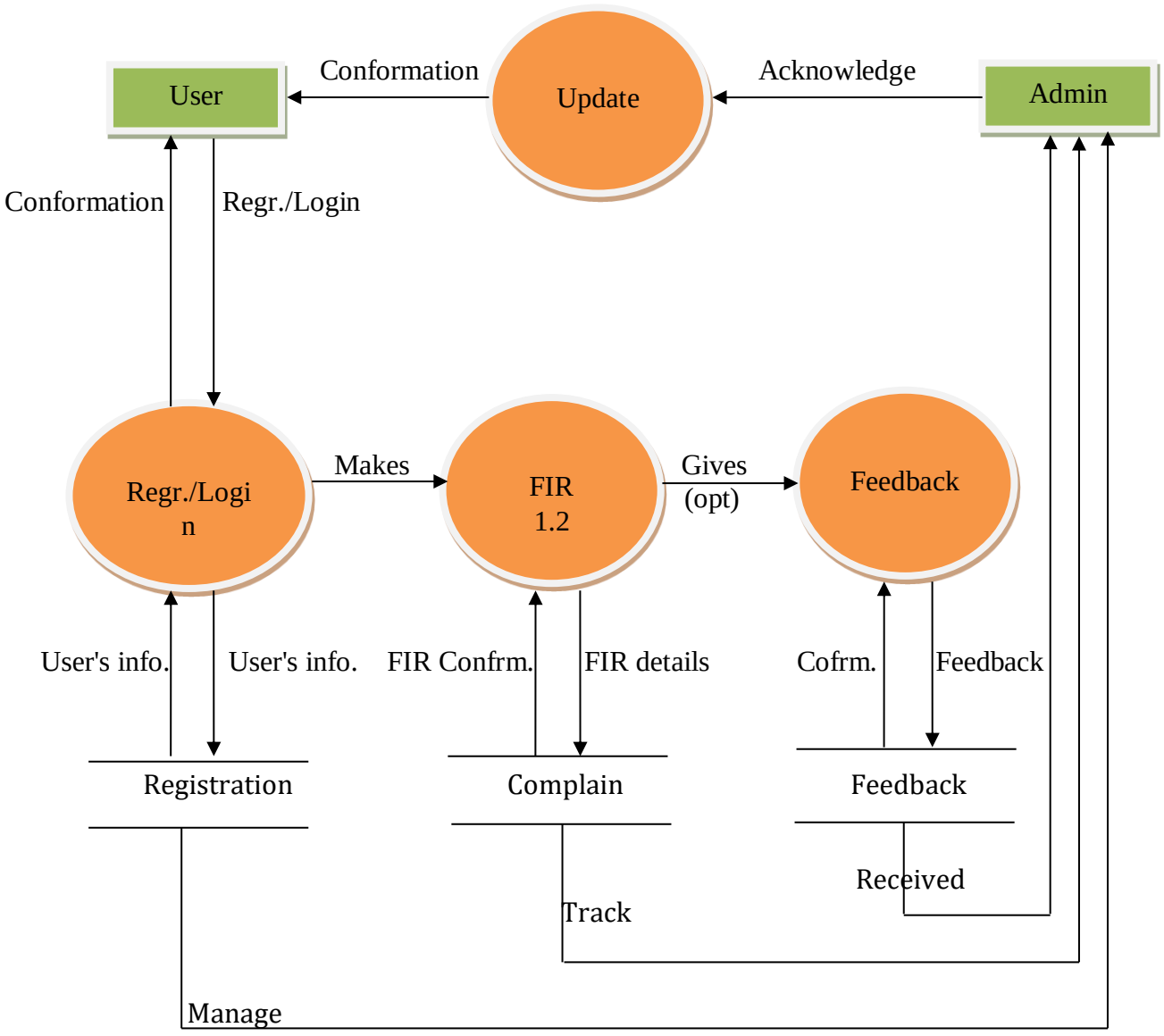
DFD stands for data flow diagram. DFD is a graphical technique that depicts information and the transforms that are applied as data moves from input to output. The DFD is also known as Bubble Chart. The data flows diagram may be used to represent a system or software at any level of abstraction. In fact, DFD may be portioned into a level that represents increasing information flow and functional details. Therefore, the DFD provides a mechanism for functional modeling as well as information flow modeling. In so doing it satisfies the second operational analysis principal.

Data flow diagram (DFD)

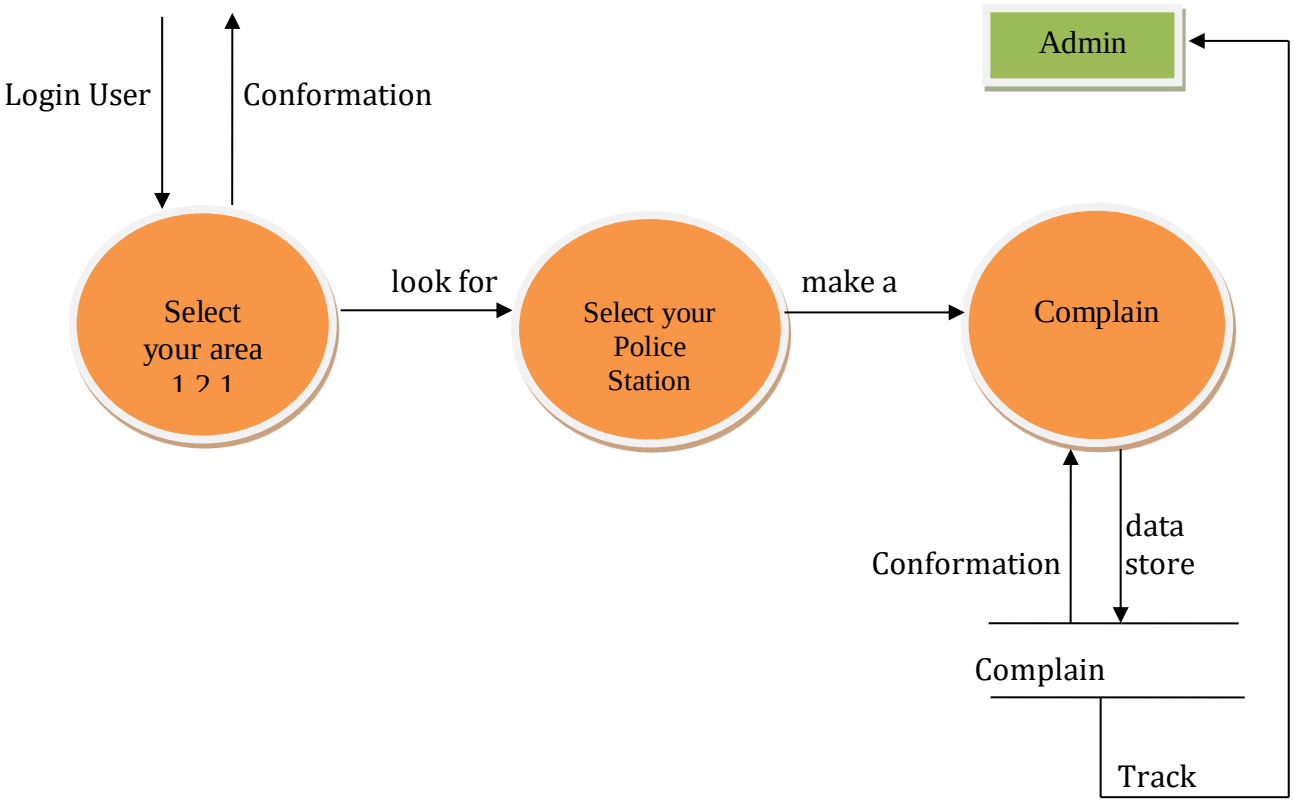
Level 0 DFD



Level 1 DFD


User
Conformation
Update
Acknowledge
Admin
Conformation
Regr./Login
Regr./Logi
n
Makes
FIR
1.2
Gives
(opt)
Feedback
User's info.
User's info.
FIR Confrm.
FIR details
Cofrm.
Feedback
Registration
Complain
Feedback
Received
Track
Manage

Level 2 DFD


Admin
Login User
Conformation
Select your area 1 2 1
look for
Select your Police Station
make a
Complain
Conformation
data store
Complain
Track

(8)

Entity Relationship Diagram

An entity-relationship (ER) diagram is a specialized graphic that illustrates the interrelationships between entities in a database. ER diagrams often use symbols to represent three different types of information. Boxes are commonly used to represent entities. Diamonds are normally used to represent relationships and ovals are used to represent attributes.

An entity-relationship model (ERM) in software engineering is an abstract and conceptual representation of data. Entity-relationship modeling is a relational schema database modeling method, used to produce a type of conceptual schema or semantic data model of a system, often a relational database, and its requirements in a top-down fashion.

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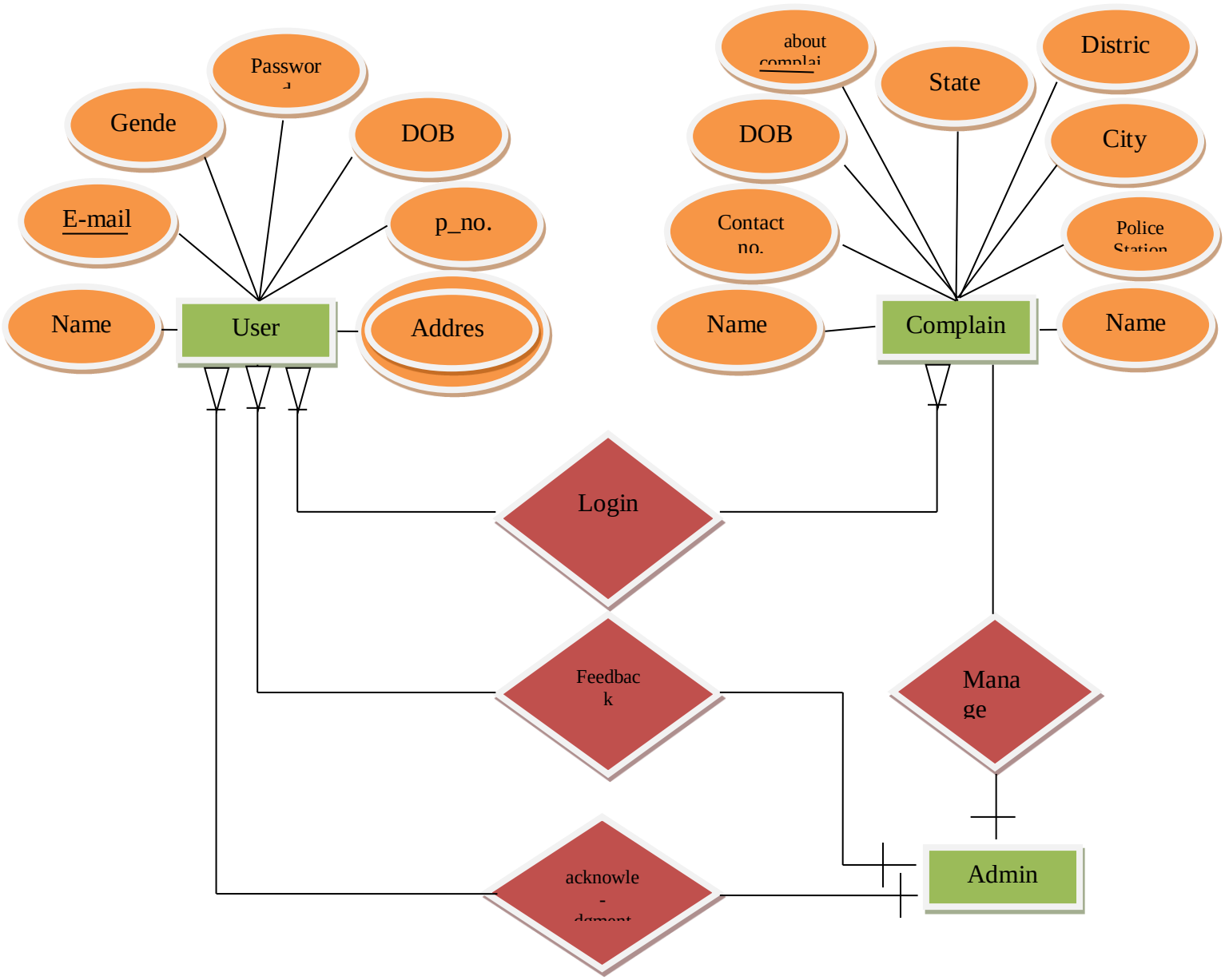
Passwor
Gende
DOB
E-mail
p_no.
Name
User
Addres
about
Distric
State
DOB
City
Contact
no.
Police
Name
Complain
Name
Login
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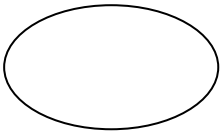
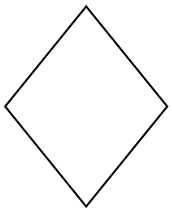
-
Admin

SYMBOLS

: ENTITY



: KEY ATTRIBUTE



: RELATIONS

: DATA FLOW

: DATA STORAGE

HARDWARE AND SOFTWARE REQUIREMENT

1. Hardware Specification:

Processor: Dual Core or Higher

RAM: 512MB or Higher

Hard Disk: 40GB or Higher

Monitor: 15"CRT or LCD

Keyboard: Normal or Multimedia

2. Software Specification:

Operating System: Windows 7/8

Front End: HTML,CSS, PHP

Back End : MYSQL

Screen Shots

1) Login Page

2) Home Page

E-CRIME REPORT
HOME
LAUNCH FIR
ABOUT
CONTACT
ADMIN
INDIAN
POLICE
Indian Police
THE FIRST POLICE COMMISSION, APPOINTED ON 17 AUGUST 1865, CONTAINED DETAILED GUIDELINES FOR THE DESIRED SYSTEM OF POLICE IN INDIA AND DEFINED THE POLICE AS A GOVERNMENTAL DEPARTMENT TO MAINTAIN ORDER, ENFORCE THE LAW, AND TO PREVENT AND DETECT CRIME.
NEWS & UPDATES
1. PM wants police to be active in community programmes.
2. DNA: Comparative analysis of Indian police and US police.
The Indian Police Service is not a force itself but a service providing leaders and commanders to staff the state police and all-India Central Armed Police Forces. Its members are the senior officers of the police. With the passage of time Indian Police Service's objectives were updated and redefined, the current rules and functions of an Indian Police Service Officer are as follows:
1. To fulfil duties based on border responsibilities, in the areas of maintenance of public peace and order, crime prevention, investigation, and detection, collection of intelligence, VIP security, counter-terrorism, border policing, railway policing, tackling

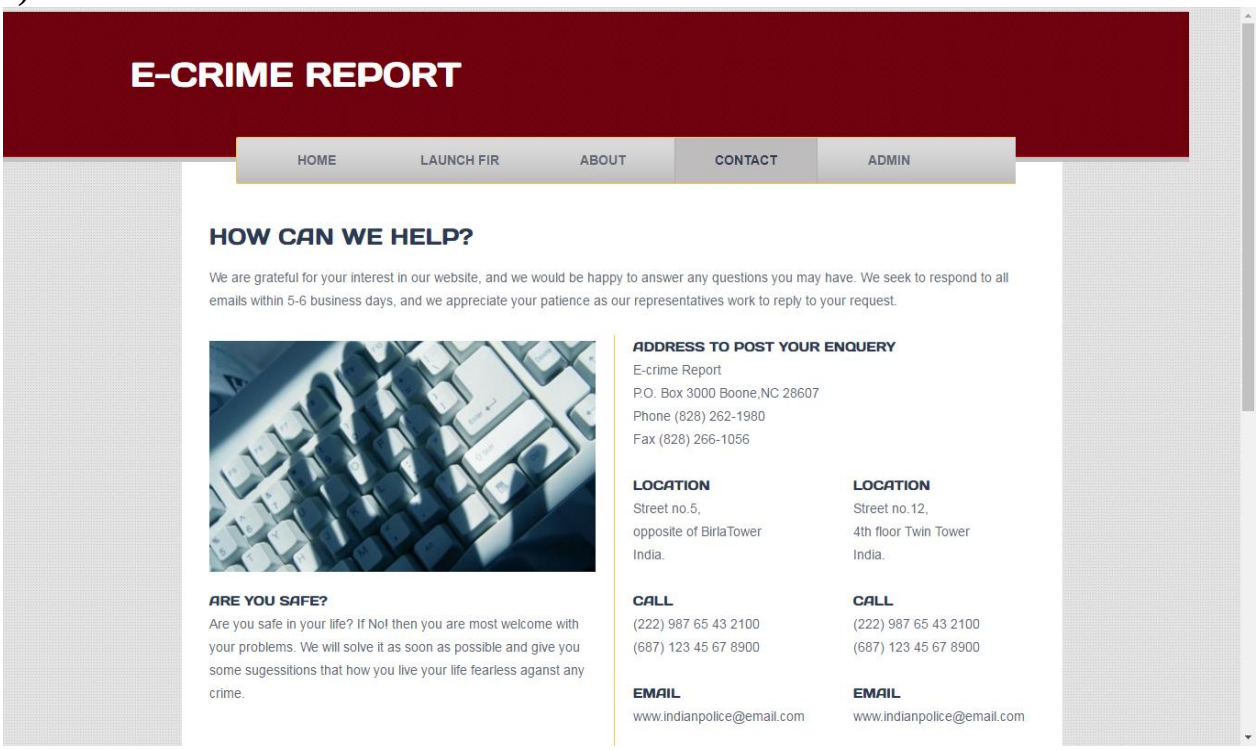
3) Launch FIR

E-CRIME REPORT
HOME
LAUNCH FIR
ABOUT
CONTACT
ADMIN
http://www
What is FIR? (First Information Report)
FIR IS AN IMPORTANT DOCUMENT BECAUSE IT SETS THE PROCESS OF CRIMINAL JUSTICE IN MOTION. IT IS ONLY AFTER THE FIR IS REGISTERED IN THE POLICE STATION THAT THE POLICE TAKE UP INVESTIGATION OF THE CASE. ANYONE WHO KNOWS ABOUT THE COMMISSION OF A COGNIZABLE OFFENCE, INCLUDING POLICE OFFICERS, CAN FILE AN FIR.
Launch your FIR
Registered Email id:
State
Select
City:

4) About Us

E-CRIME REPORT
HOME
LAUNCH FIR
ABOUT
CONTACT
ADMIN
http://www
What is FIR? (First Information Report)
FIR IS AN IMPORTANT DOCUMENT BECAUSE IT SETS THE PROCESS OF CRIMINAL JUSTICE IN MOTION. IT IS ONLY AFTER THE FIR IS REGISTERED IN THE POLICE STATION THAT THE POLICE TAKE UP INVESTIGATION OF THE CASE. ANYONE WHO KNOWS ABOUT THE COMMISSION OF A COGNIZABLE OFFENCE, INCLUDING POLICE OFFICERS, CAN FILE AN FIR.
Launch your FIR
Registered Email id:
State
Select
City:

5) Contact us


E-CRIME REPORT
HOME
LAUNCH FIR
ABOUT
CONTACT
ADMIN
HOW CAN WE HELP?
We are grateful for your interest in our website, and we would be happy to answer any questions you may have. We seek to respond to all emails within 5-6 business days, and we appreciate your patience as our representatives work to reply to your request.
ARE YOU SAFE?
Are you safe in your life? If No! then you are most welcome with your problems. We will solve it as soon as possible and give you some sugessitions that how you live your life fearless aganst any crime.
ADDRESS TO POST YOUR ENQUERY
E-crime Report
P.O. Box 3000 Boone,NC 28607
Phone (828) 262-1980
Fax (828) 266-1056
LOCATION
Street no.5,
opposite of BirlaTower
India.
CALL
(222) 987 65 43 2100
(687) 123 45 67 8900
EMAIL
www.indianpolice@email.com
LOCATION
Street no.12,
4th floor Twin Tower
India.
CALL
(222) 987 65 43 2100
(687) 123 45 67 8900
EMAIL
www.indianpolice@email.com

6) Admin Page

E-CRIME REPORT
HOME
LAUNCH FIR
ABOUT
CONTACT
ADMIN
Administrator Page
Welcome admin!
Administrator Page
ADMIN LOGIN
Login
E-Mail:
Password:

MAJOR MODULES OF E-Crime Report

- Login Page
- Home
- Launch fir
- About us
- Contact us
- Admin Page

VALIDATION AND VARIFICATION

In software project management, software testing, and software engineering, verification and validation (V&V) is the process of checking that a software system meets specifications and that it fulfills its intended purpose. It may also be referred to as software quality control. It is normally the responsibility of software testers as part of the software development lifecycle.

TESTING THE SOFTWARE

Testing is a set of activities that can be planned in advance and conducted systematically. For this reason a set of steps into which we can place specific test case design techniques and testing methods should be defined. Various software-testing methods provide the software engineer with a template for testing with the following characteristics:

- ☞ Testing begins at the module level and works out wards toward the integration of the computer base system.
- ☞ Different testing techniques are appropriate at different points in time.
- ☞ The developer of the software and an independent test group conducts testing.
- ☞ Testing and debugging are different activities but debugging must be accommodated in any testing strategy.

There are different testing techniques listed below:-

1. Unit testing

- ☞ Main outlook of unit testing is to uncover even the smallest problem in the software design of each module.

2. Alpha testing

Alpha testing is an acceptance test conducted by the end user rather than the system developer, an acceptance test can range from an informal “test drive” to a planned and systematically executed series of tests. This test is carried out to uncover all the problem faced by the user and to see if the validation techniques used are working well.

FUTURE SCOPE OF ENHANCEMENT

1. “FIR SYSTEM” will be online on web.

2. will be available a“FIR SYSTEM” s app in near future.

3. The Contact Us form will also contain Upload File option so that any user can upload his/her innovative idea on web site which may be published.

4. OTP (One Time Password) in User Registration will be provided so that valid user can upload their files.

LIMITATIONS

1. It is only use for domestic level.
2.Online data.
3.Branches of particular places might change with time.

BIBLOGRAPHY/REFERENCES

BOOKS:

1.PHP Hypertext Pre Processor

2.WAMMP Local Host Server

3.MY SQL

4.URS Users Requirement Specifications

WEB SITE:

1.Google Search engine

2.www.bpbonline.com

3. www.ijirt.com

4.www.reserchgate.com