E-CRIME PATROL

Submitted in partial fulfillment of the requirements for the degree of

Master of Technology

In

M.TECH(INT SE)

by

Divakar.R - 16MIS0069

Kubendran Madhan – 16MIS0063

Under the guidance of

Prof. / Dr.JAGADEESH.G

SCHOOL: SITE

VIT, Vellore.

APRIL, 2018

DECLARATION

I hereby declare that the thesis entitled "E-crime patrol" submitted by me, for the award of the degree of *master of Technology in Programme* to VIT is a record of bonafide work carried out by me under the supervision of Prof.Jagadeesh.G.

I further declare that the work reported in this thesis has not been submitted and will not be submitted, either in part or in full, for the award of any other degree or diploma in this institute or any other institute or university.

Place : Vellore

Date :09/04/2019

Signature of the Candidate

DIVAKAR.R

KUBENDRAN MADHAN

CERTIFICATE

This is to certify that the thesis entitled "E-Crime Patrol" submitted by **Divakar r & 16MIS0069**, **Kubendran Madhan & 16MIS0063 , SITE**, VIT University, for the award of the degree of *Bachelor of Technology in Programme*, is a record of bonafide work carried out by him under my supervision during the period, 01. 12. 2018 to 30.04.2019, as per the VIT code of academic and research ethics.

The contents of this report have not been submitted and will not be submitted either in part or in full, for the award of any other degree or diploma in this institute or any other institute or university. The thesis fulfills the requirements and regulations of the University and in my opinion meets the necessary standards for submission.

Place : Vellore

Date : 09/04/2019

Signature of the Guide

PROF.JAGADESSH.G

Head of the Department:

PROF.SHREE DHARINYA,SITE

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ACKNOWLEDGEMENTS

The success and final outcome of this project required a lot of guidance and assistance from many people and We are extremely privileged to have got this all along the completion of my project. All that we have done is only due to such supervision and assistance and we would not forget to thank them. We respect and thank Mr./Ms. Jagadeesh.G, for providing me an opportunity to do the project work in this winter semester 2019 and giving us all support and guidance which made us complete the project duly. We are extremely thankful to you for providing such a nice support and guidance. I owe my deep gratitude to our project guide Prof.Jagadeesh.G who took keen interest on our project work and guided us all along, till the completion of our project work by providing all the necessary information for developing a good system. Also, We would like to extend our sincere esteems to all staff in laboratory for their timely support.

Student Name:

DIVAKAR R,
KUBENDRAN MADHAN

Executive Summary

The existing system defines current status of the system. The merits and demerits of the current system. The system may not provide the facility of registering the user. He or she just need to report in the police station. The complaint can be field against any criminal activity. The system lets you to get the best result as per rules and regulations. The drawbacks of the existing system includes More man power, Time consuming. Consumes large volume of paper work, No direct role for the higher officials. To avoid all these limitations and make the working more accurately the system needs to be computerized. The crime control management system should be applied to police stations all across the country and specifically looks into the subject crime prevention, crime detection, crime conviction of criminals depending on a highly responsive e backbone of information management. The efficiency of the police and the effectiveness with which it tackles crime depend on what quality of information it can derive from its existing records and how fast it can have access to it. The project is about filling an online complaint against any crime in case of victim or witnessed by the user. The aim of this system is to provide a complete access to the user so that he can track the complaint. The system reduces the manual efforts provided whenever a victim goes for registering his complaint. The system provides the best possible accessibility for the system so that a user can should not have an interrupt in accessibility of the system. Also there are different modules exists in this webpage

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1.INTRODUCTION

1.1. OBJECTIVE:

The project titled as “E-Crime Patrol “is a web based application. This website provides facility for reporting online crimes, complaints, missing persons, show most wanted person details and can give FIR complaints etc. This project has been undertaken mainly to reduce the manual process. Thus converting manual process into an electronic platform which saves time. This project reduces the manual efforts provided whenever a victim goes for registering his complaint. The system provides the best possible accessibility for the system so that a user can should not have an interrupt in accessibility of the system.

1.2.MOTIVATION:

This project has been undertaken mainly to reduce the manual process. Thus converting manual process into an electronic platform which saves time. This project reduces the manual efforts provided whenever a victim goes for registering his complaint. The system provides the best possible accessibility for the system so that a user can should not have an interrupt in accessibility of the system. Mainly on the motive of reducing the time consumption by manual process. Through this project we created a online platform for giving complaints.

1.3.BACKGROUND:

Earlier in the manual process there are lot of drawbacks are there such as

- More man power.
- Time consuming.
- Consumes large volume of paper work.
- No direct role for the higher officials.

To avoid all these limitations and make the working more accurately the system needs to be computerized. Through this project we reduced the drawbacks of manual process and this online platform is very responsive.

2.PROJECT DESCRIPTION & GOALS:

The aim of project 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. This project 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.

The Expected Advantages of Proposed System,

The system is very simple in design and to implement. The system requires very low system resources and the system will work in almost all configurations. It has got following features

- Ensure data accuracy's.
- Proper control of the higher officials.
- Reduce the damages of the machines.
- Minimize manual data entry.
- Minimum time needed for the various processing.
- Greater efficiency.
- Better service.
- User friendliness and interactive.
- Minimum time required.

The modules of this project includes,

- About section
- Missing person details
- FIR complaint
- Latest crime
- Wanted Person details
- Team section
- Contact section

We have developed the website in a very responsive manner and also user friendly. Our main goal is to reduce the time consumption process carried out by manual process. Here in the online platform responses can be made faster and also immediate action will be taken out

3.TECHNICAL SPECIFICATION:

Software and Hardware Specifications,

3.1 Hardware Specification:

- Processor : Pentium IV OR higher version
- RAM : 128 MB
- Hard disk : 20 GB
- FDD : 1.44MB
- Monitor : 14 inch
- Mouse : 3 Button scroll
- CD Drive : 52 X
- Keyboard : 108 keys

3.2 Software Specification:

- Operating System : Windows 2000/xp/2007
- Languages : java 2(EJB2.0, JDBC, JSP, Servlet, Java Mail),PHP
- Front End : HTML, JavaScript,CSS
- Platform : J2EE
- Web Servers : Web Logic8.1/Tomcat 5.0
- Backend : My SQL XAMPP SERVER

XAMPP SERVER:

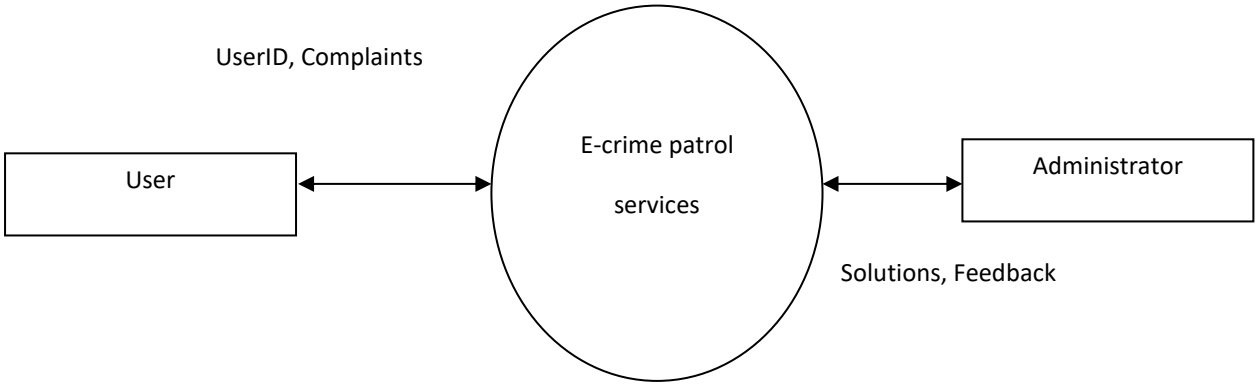
XAMPP is a free and open-source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages.

4.DESIGN APPROACH AND DETAILS:

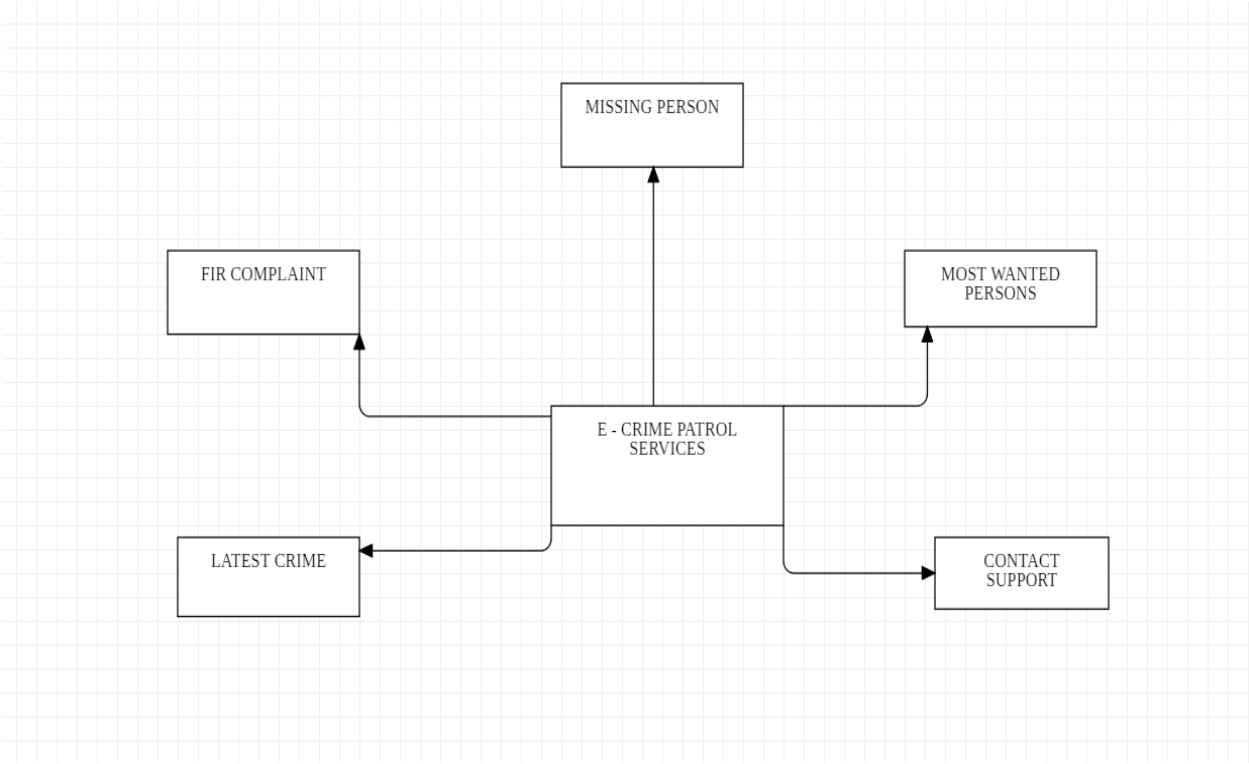
E-Crime patrol is a service provided for the filing of online complaints against any crime or incase of victim or witnessed by the user. We will represent the process in the diagrammatic manner as below.

4.1 DESIGN APPROACH:

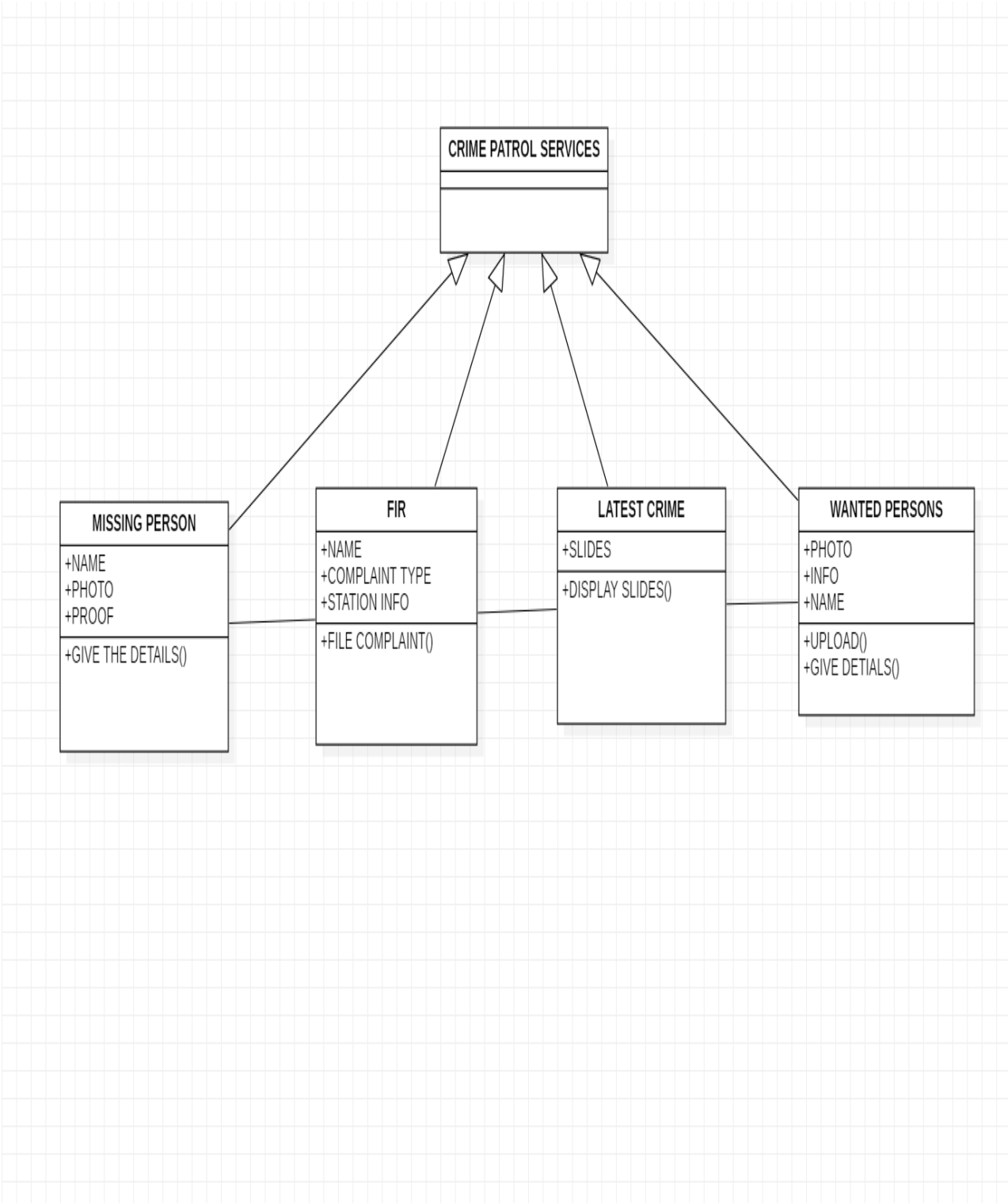
4.1.1.Flow diagram



4.1.2 Context diagram

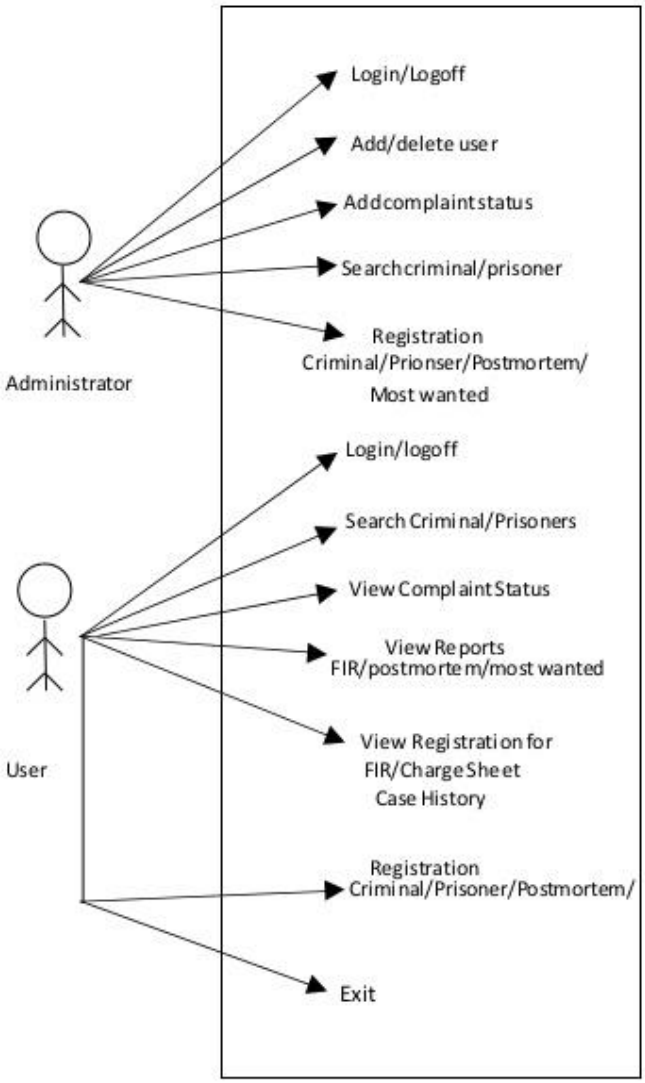


4.1.3 Class diagram:

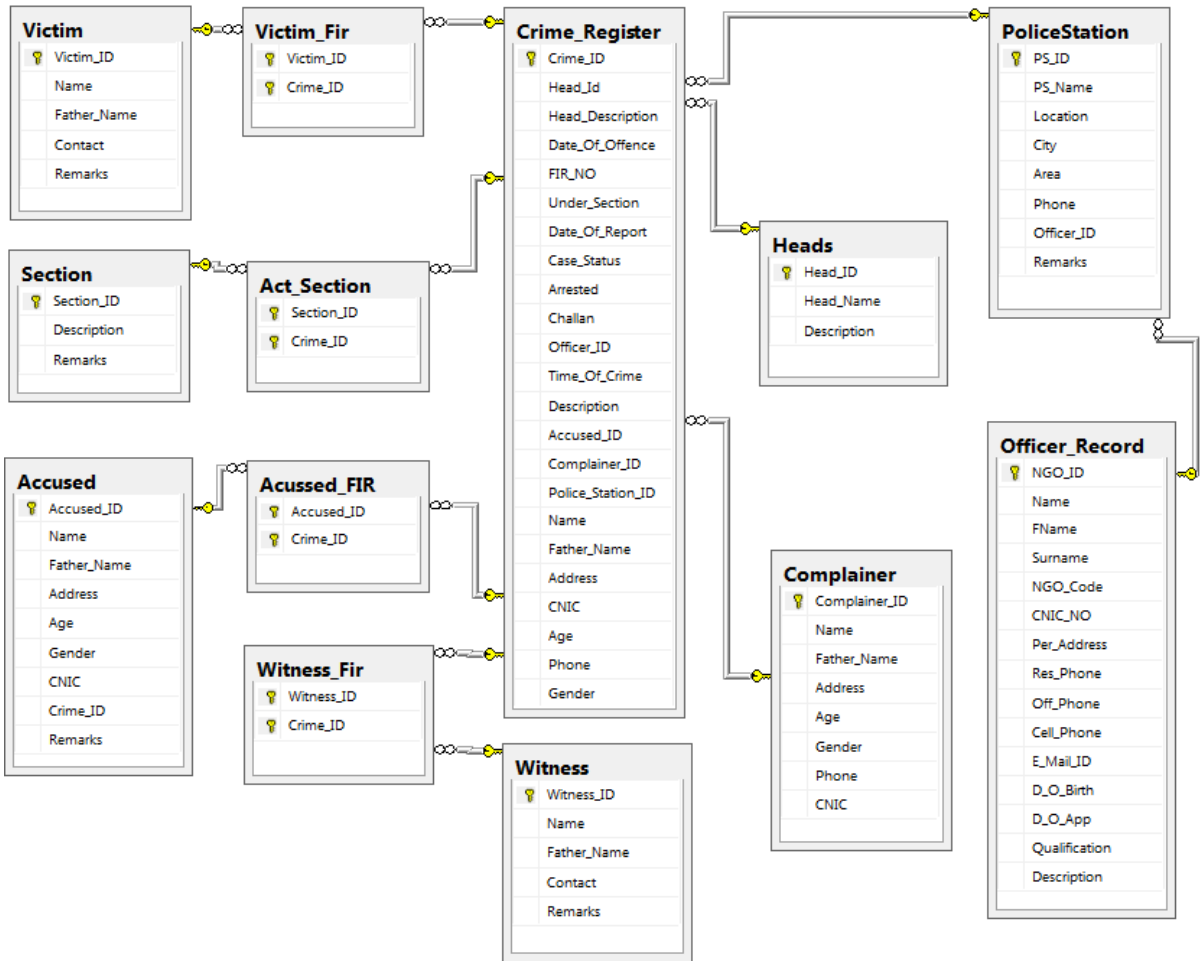


4.1.4.Use case diagram:

USE CASE DIAGRAM:



4.1.5 ER diagram:



4.2 CODES AND STANDARDS:

- ISO 10006/2003 focuses on the management system used to manage quality in projects and is very useful for strong parent companies that wish to adopt ISO 9001/2008 standards and obtain certification.
- It is applicable to projects of varying complexity, small or large, of short or long duration, in different environments, and irrespective of the kind of product or process involved
- ISO 21500/2012 focuses on project management, processes and management areas,
- ISO 9000 is defined as a set of international standards on quality management and quality assurance developed to help companies effectively document the quality system elements needed to maintain an efficient quality system. They are not specific to any one industry and can be applied to organizations of any size.

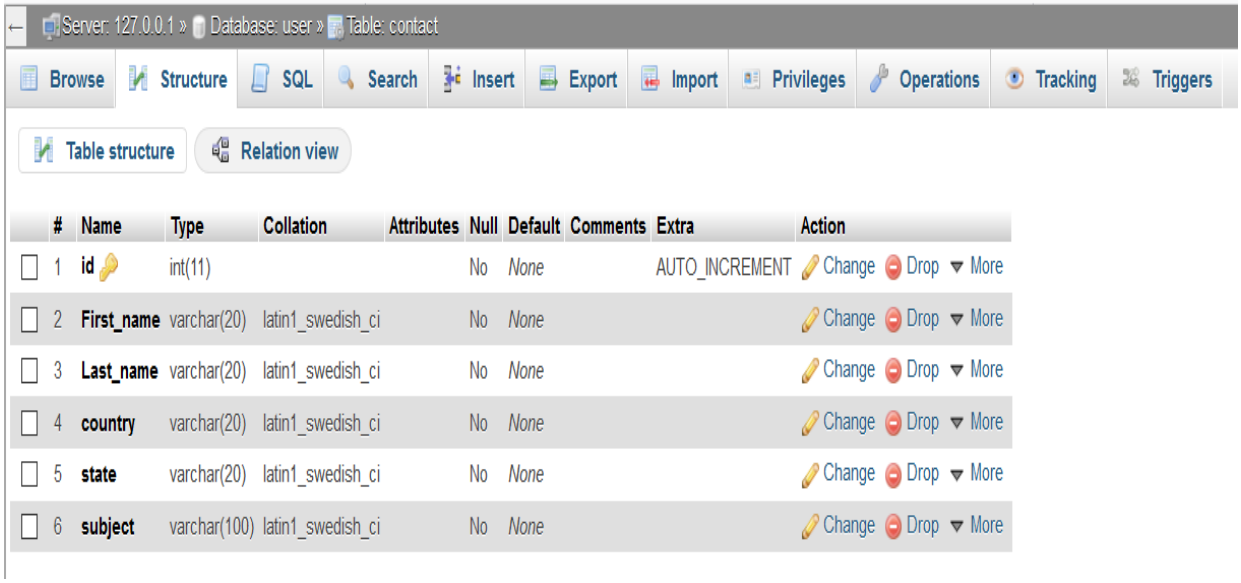
- ISO 9000 can help a company satisfy its customers, meet regulatory requirements, and achieve continual improvement. It should be considered to be a first step or the base level of a quality system.

4.3 Constraints, Alternatives and trade offs:

We will give the tabular description of each tables in the database.

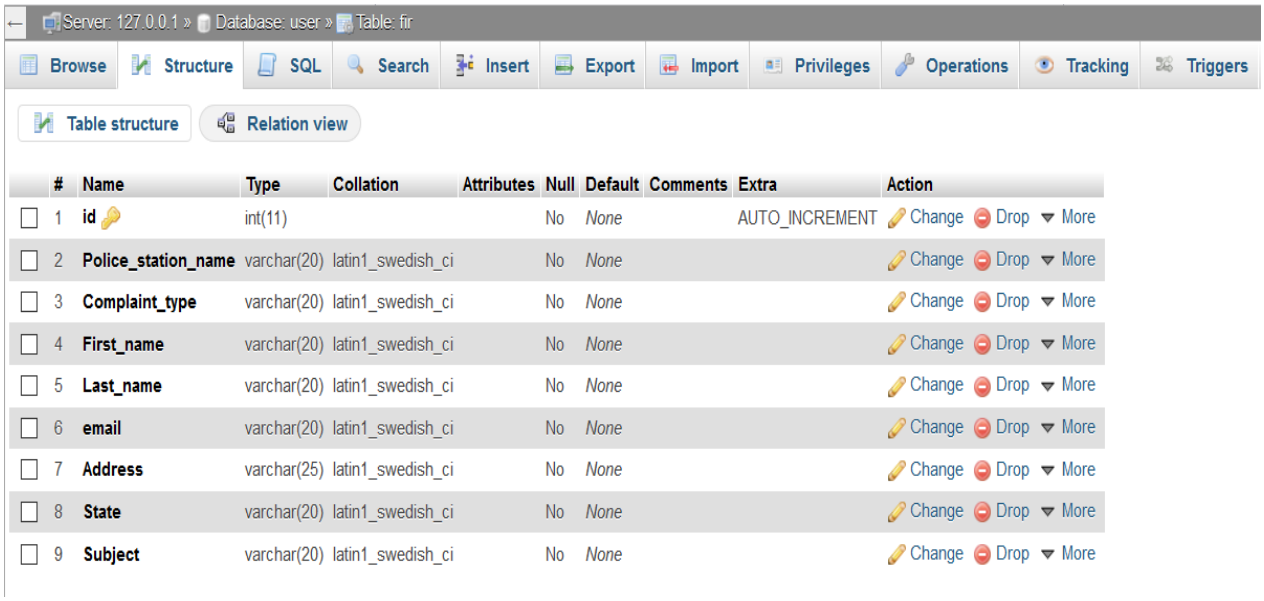
DATBASE : USER

4.3.1.Contact Table showing structure



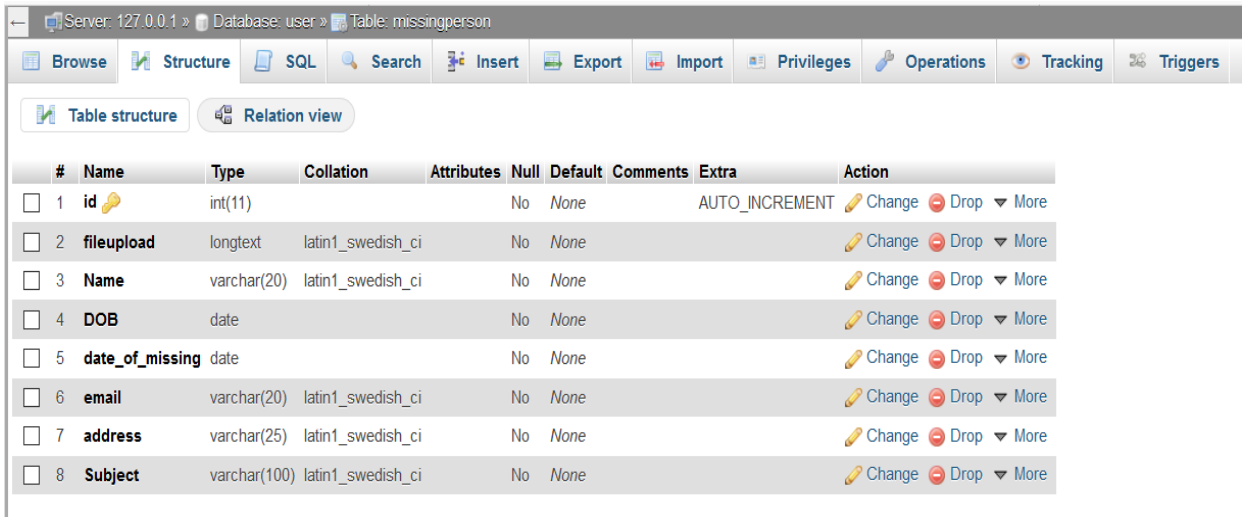
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	First_name	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
3	Last_name	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
4	country	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
5	state	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
6	subject	varchar(100)	latin1_swedish_ci		No	None			Change Drop More

4.3.2 FIR table showing structure



#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	Police_station_name	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
3	Complaint_type	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
4	First_name	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
5	Last_name	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
6	email	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
7	Address	varchar(25)	latin1_swedish_ci		No	None			Change Drop More
8	State	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
9	Subject	varchar(20)	latin1_swedish_ci		No	None			Change Drop More

4.3.3 Missing persons table showing structure



#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	fileupload	longtext	latin1_swedish_ci		No	None			Change Drop More
3	Name	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
4	DOB	date			No	None			Change Drop More
5	date_of_missing	date			No	None			Change Drop More
6	email	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
7	address	varchar(25)	latin1_swedish_ci		No	None			Change Drop More
8	Subject	varchar(100)	latin1_swedish_ci		No	None			Change Drop More

5. SCHEDULE,TASK & MILESTONES:

Project teams intuitively talk about milestones. They discuss when phases will be complete and when deliverables will be turned in to the clients. The further away the individuals are from the detail of the project tasks, the more likely they will be focused on the big dates in the project, like clear deadlines or handoffs or dependencies. But these aren't the only milestones of note on a project.

Project milestones are any fixed points in time that are worth flagging to help you keep the project moving forward and best communicate with your team. Proper project management tools and software have ways of defining and demonstrating key project milestones as a way of formalizing these on your project schedule.

Milestones act as convenient reminders of key dates in your project. These could include:

- Project Board meetings
- Other significant meetings like requirements workshops, especially if these are fixed in time because it has been difficult to get everyone together
- Deadlines for completing components of the project
- Deliverables due from other projects
- Deliveries from suppliers
- Turning points in the project where you transition to another state or phase

The E-crime patrol webpage has designed in such a way that it meets the schedule tasks and milestones.

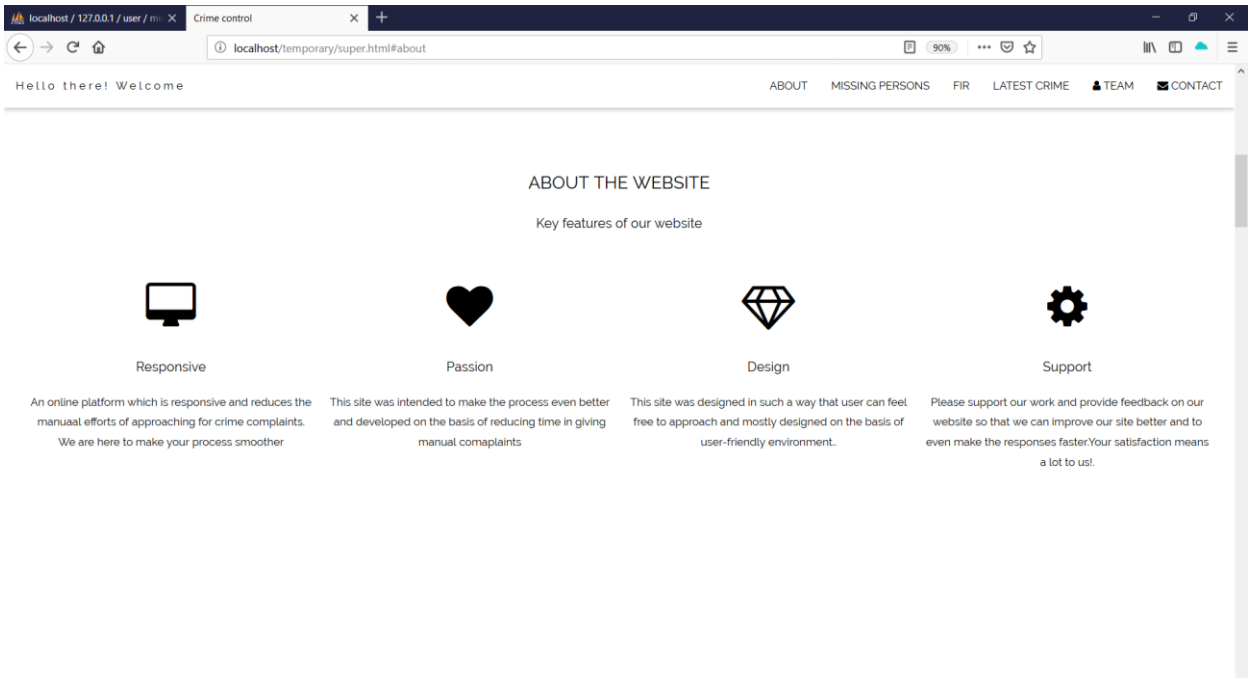
6. PROJECT DEMONSTATION:

Our project contains set of modules namely,

- About section
- Missing person details
- FIR complaint
- Latest crime
- Wanted Person details
- Team section
- Contact section

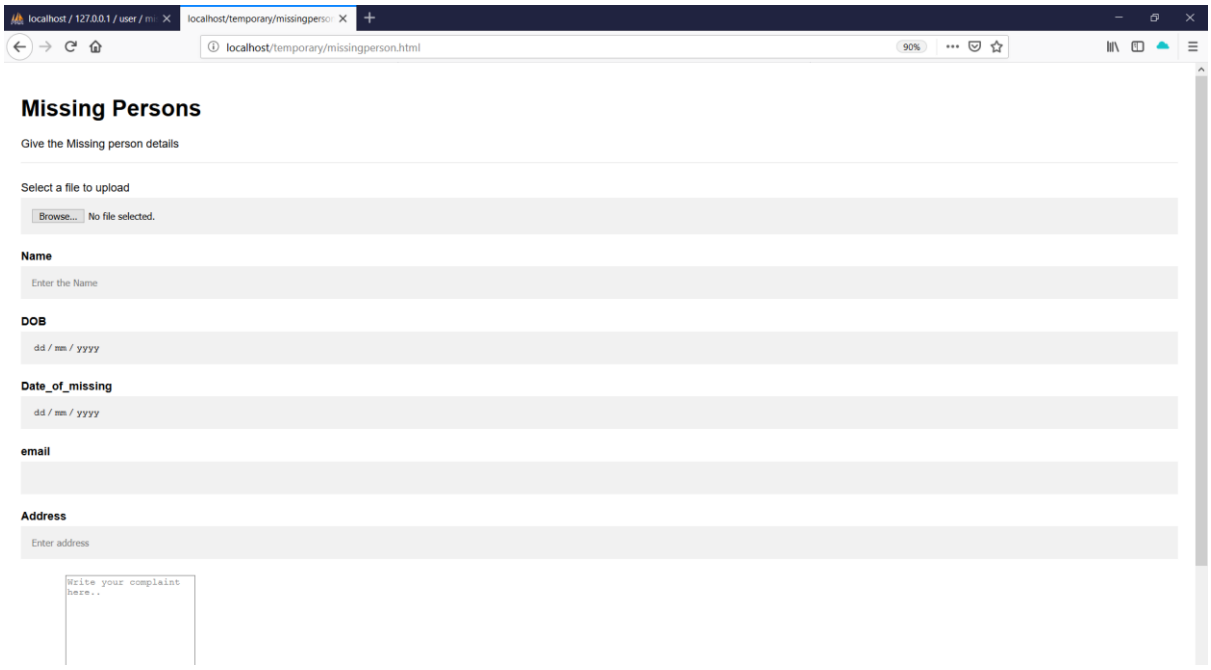
SNAPSHOTS:

ABOUT SECTION:



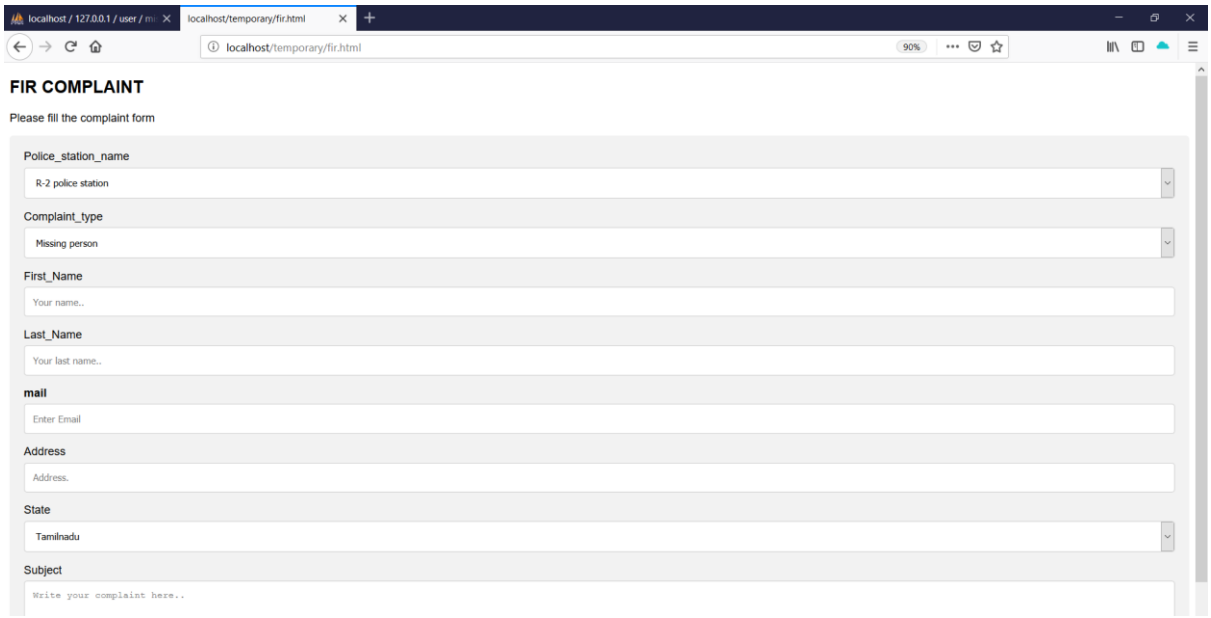
6.1 fig shows about section

MISSING PERSON DETAILS:



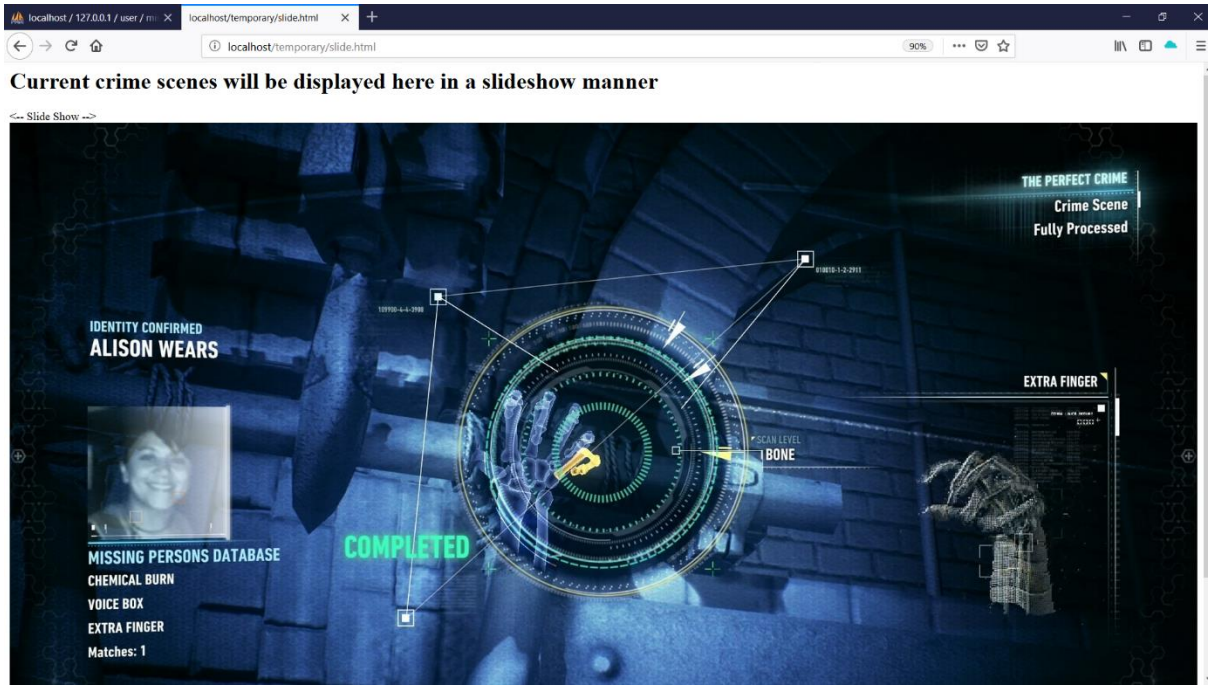
6.2 fig shows missing person details

FIR COMPLAINT:



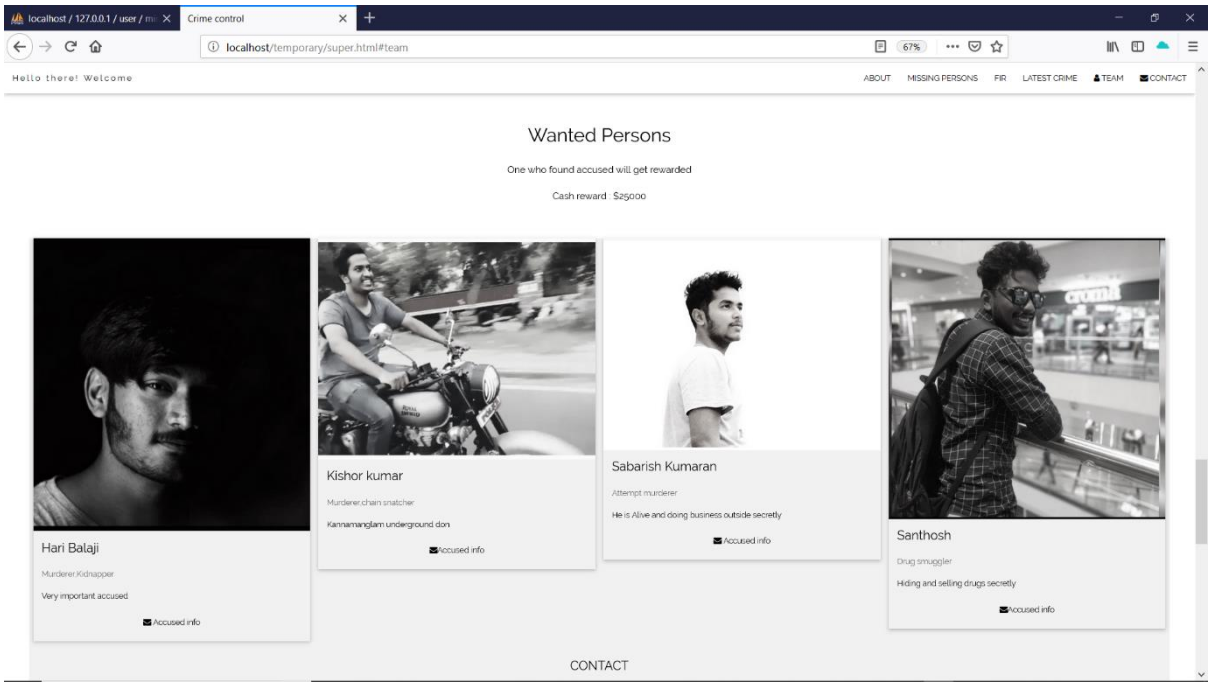
6.3 fig shows fir complaint fo

LATEST CRIME:



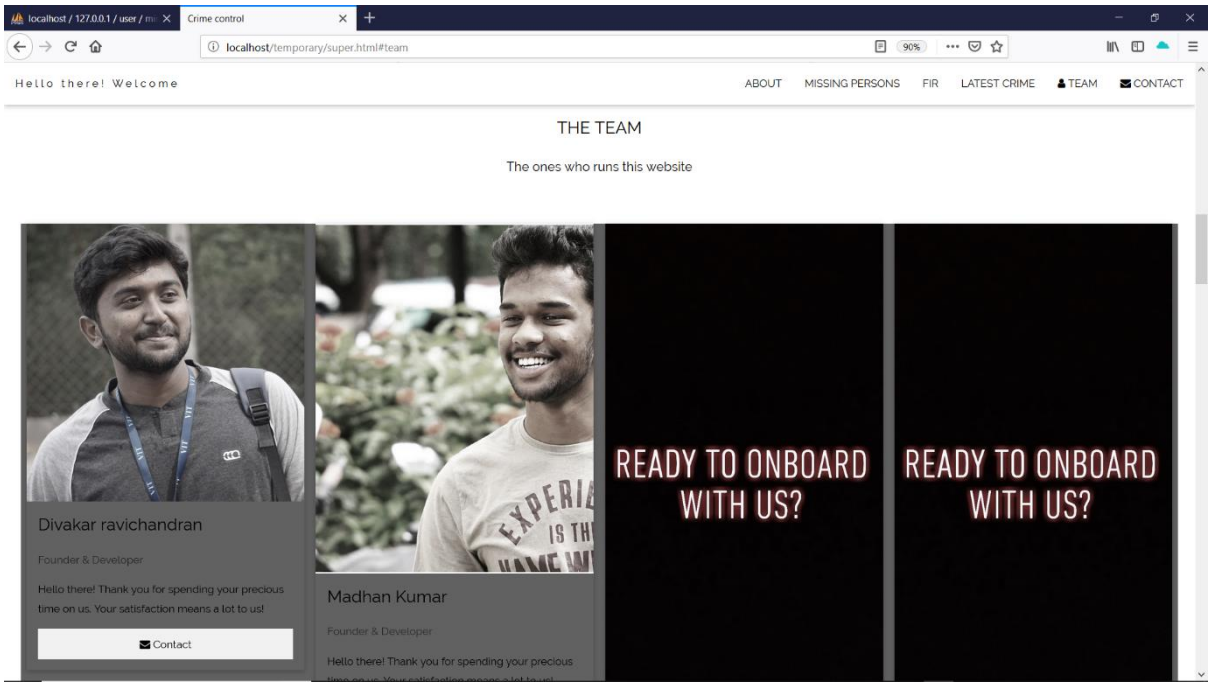
6.4 fig shows latest crime scenes

WANTED PERSONS:



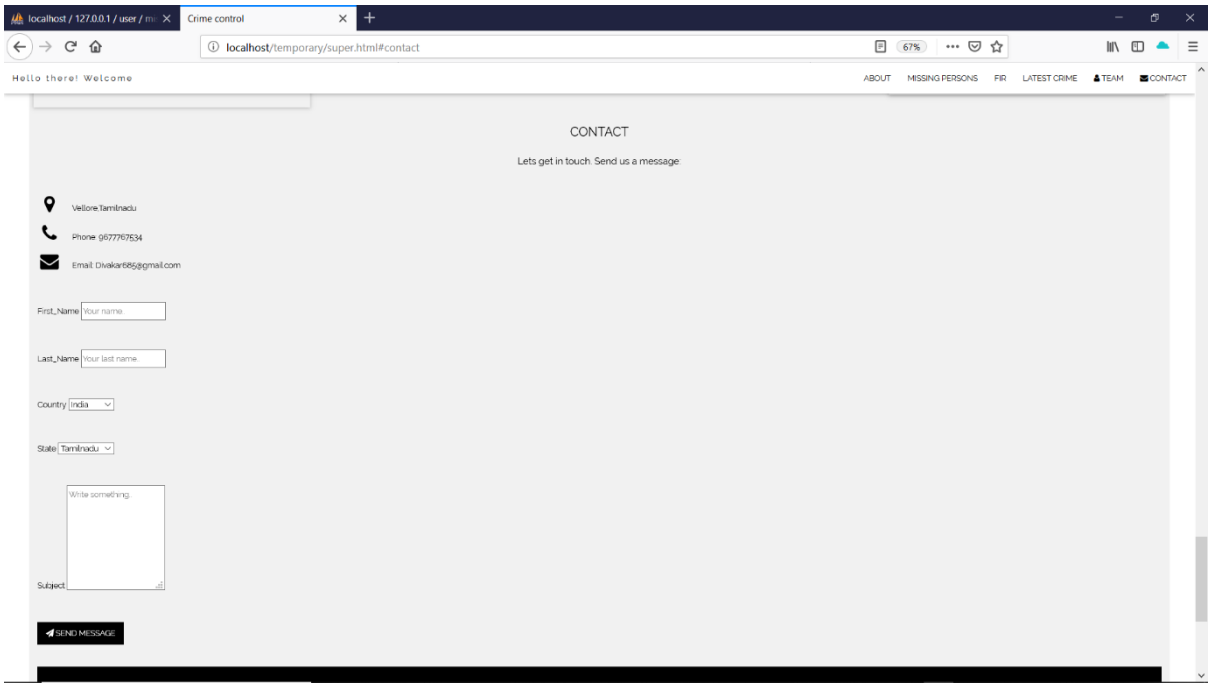
6.5 fig shows wanted person details

TEAM SECTION:



6.6 fig showing developers of the website

CONTACT SECTION:



6.7 fig shows contact form

7.RESUTLS AND DISCUSSION:

Finally we conclude that this project is completely user friendly environment and by converting the manual process into an online platform we are able to reduce the time consumption and make the process more faster and responsive. Mainly this is about filling an online complaint against any crime in case of victim or witnessed by the user. Our aim of this system is to provide a complete access to the user so that he can track the complaint. The system reduces the manual efforts provided whenever a victim goes for registering his complaint. Thus the system provides the best possible accessibility for the system so that a user can should not have an interrupt in accessibility of the system.

8.SUMMARY:

The existing system defines current status of the system. The merits and demerits of the current system. The system may not provide the facility of registering the user. He or she just need to report in the police station. The complaint can be field against any criminal activity. The system lets you to get the best result as per rules and regulations. The drawbacks of the existing system includes More man power, Time consuming. Consumes large volume of paper work, No direct role for the higher officials. To avoid all these limitations and make the working more accurately the system needs to be computerized. The crime control management system should be applied to police stations all across the country and specifically looks into the subject crime prevention, crime detection, crime conviction of criminals depending on a highly responsive e backbone of information management. The efficiency of the police and the effectiveness with which it tackles crime depend on what quality of information it can derive from its existing records and how fast it can have access to it. The project is about filling an online complaint against any crime in case of victim or witnessed by the user. The aim of this system is to provide a complete access to the user so that he can track the complaint. The system reduces the manual efforts provided whenever a victim goes for registering his complaint. The system provides the best possible accessibility for the system so that a user can should not have an interrupt in accessibility of the system. Also there are different modules exists in this webpage

10.References

These projects was impossible to be a success without the support and help from the experience guide at company, the books and mainly the Internet really prove it for us the “Information Highway”.

[1] www.Wikipedia.org

[2] www.slideshare.com

[3] www.scribd.com

[4] E-CRIME FILE MANAGEMENT SYSTEM Saurabh Sharma1, Aakash Poojari2, Balachandra Rao3, Spoorthi Shetty4 1,2,3,4 Department of MCA, Nitte University, Nitte, Udupi, India