



Online Crime Reporting System

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Abstract --- Here we want to create an online crime reporting system software which is well accessible to the general public, the department of local government and therefore the body department. The traditional public in Asian country is afraid to lodge a grievance as a result of their full of a false worry regarding the department of local government. A web grievance registering system can allay the fears of the general public and can conjointly facilitate within the public serving to the department of local government in catching criminals. This system has been taken as a protective and safety based application for both public and government interest.

Keywords: Complaints, Crimes, Investigations etc.

I. INTRODUCTION

Crime may be a part of outlaw activities in human life. it's quite obvious that the speed of crimes is increasing day by day altogether societies across the globe, however we tend to do be- live that there's loads which may be done by each the governments and therefore the people to cut back the crimes in com- munities. There square measure several current crime management systems that faces many difficulties, as there's no suggests that to report crime instantly aside from phone calls, electronic messaging or face-to- face compliant filling. Hence, here we tend to propose a web crime reportage system that permits the user to file misconduct reports and keep a track of it. To file any of the higher than three complaints, the user ought to register in to the system and supply his right credentials to file them. The crime reportage system project conjointly permits different users United Nations agency doesn't need to register however will check the crimes happening at his/her or the other space, must simply offer the pin code and reciprocally the system displays the list of crimes if any filed. The offline i.e. the unregistered user can even cash in of checking the missing person details, however he/she is shunned obtaining complaints done by the users. The forepart of the crime reportage system is finished victimization humanoid Studio and SQL is a backend to store books lists and inventory information. The system, has each the user likewise the Admin half, the role of admin is to merely check all the three modules or classes and update their standing likewise. this technique helps the users in following any report filed to the law and take a bonus of reportage any grievance from anyplace conveyance the complete system on-line.

II. MODULUS

In this system there are two different interface, one is for the public which is the public portal in which registration can be done by the public sector and then comes the other portal which is the admin portal which is controlled by government organization.

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- So if any user have to file a misconduct report then this is the best system where he/she can file it online through the public portal, where they will first do the registration and then file the report.
- The records are kept stored for the further welfare.
- All the criminal or any types of misconduct will be stored and all the detail about the culprit will be there.
- So in this system they can know about the criminals and local goons who are always highlighted and be precautions about it.
- In the public portal they only provide a username so that whenever they login again they do not have to do this again and again and there profile is created after the registration and it is stored.
- Now, comes the admins portal this controlled by the government organization who look after all the reports which have been submitted by the user and they update the user.
- Both the government organization and the user can add any incident or accident or any offensive attempt which is violating the law.
- The second option that is given in this is the one of the most important that is adding prisoner.

III. PURPOSE OF THE SYSTEM

The main purpose of developing the online crime reporting system is for the welfare and safety of the public. Due to some factors in today's time public sometimes do not trust the government officials, due to this they don't ever want to go to the station and file a report. So this system will reconstruct the bridge between the two - public and government officials respectively. So now if anyone want to file a complaint or misconduct, they can do it easily from their home.

Scope

This website is an easy to view type of a site. It is simply accessible to anyone who is sixteen years and above and this is an example of a simple engineering which is easy and can be used freely without complexion. This website will provide user with a profile under which he/she can add anything and no misuse will be conducted as it has some eligible criteria and which has to be taken care off, so the chances are less.

IV. FEASIBILITY STUDY

Feasibility to a project determines whether it is possible to develop the project. There are three main factors, which determine the feasibility of the projects. They are discussed as follows.

Operational Feasibility Study:

The Operational Feasibility is the determination of your system's minimum configuration used and the machine's eligibility. This study resultant we that it requires a Web-browser, Pentium processor, a system with adequate peripherals, macromedia or adobe Photoshop, etc.

Technical Feasibility Study:

The study is related to any technical terms manner is to be mentioned in the Technical Feasibility Study. It consists of all the database storage facility, accessing facility, for the restore of data; etc.



It needs a high speed processor in GHz with the advent in technology. According to the entire infrastructure, the system seems to be Technically Feasible.

Economic Feasibility Study:

The main part of among all the three areas of Feasibility Study is the Economic Feasibility Study. Whenever, anything is started one must see its benefits and losses. To check such things we have to be related to the financial status of the project. The developer has to be in the budget and has to develop the project. The additional cost incurred is the manpower.

V. DISCUSSION

Criminal activities and misconduct are the two driving factors which have made our societies unsafe and due to this there is an immense devotion in the youth and every person in the society to make it safe and no one should be worried about any type of misconduct. Now it happens all the time when an incident took place and the victims want to go to the police station to file an FIR but due to many factors which are unhealthy for the society they cannot do so. This project or application on which we have worked is totally to reconstruct the broken bridge between the society and the government organization. Now it will help the people to stand for the wrong which has been done and they can file an FIR by sitting at their home without any infiltration they can do it all online now.

- Now as we have discussed about the barriers that are there in the society we will discuss about the needs and the use of the online crime reporting system.
- So this is an online application or an online web application on which user can file any complaint of the misconduct and not only this but they can also update any incident which was violating the law and can add pictures and videos as per they are having.
- So now if a user has to file an FIR then they just have to go to the site and then there are two portals – one is public portal and the other is the admin portal.
- The public portal is where the user will go to file an FIR, they just have to register themselves and they will be provided with a profile on which they can add any video or they can file the FIR by filling the details online.
- Now we can explain this as a social media application but not for fun but for any violation of the law by anyone.
- All the people above the age of sixteen years can get themselves registered in it and can file an FIR upload any video or they can simply do upload anything which is unconstitutional.
- Now comes the admin portal, which comes under the government supervision and it is controlled by the government organization to make a full scalability use of this application in making society safe and secure.
- The society can be made safe and secure by this as when any one will add a picture or a video of any incident which was violated or unconstitutional all the people there who are active users will know that incident when the public will know with the police will know about the misconduct and the details of criminals and criminal activities they will become more conscious about them and when everyone will be conscious then the safety will increase in the society which will drive out and throw all the evil activities out of the society.
- So this is mainly to make everyone conscious about what all is going on around us and to take a safety measure, when everyone will be conscious it will be a very decent society or evil free society, to make people know about what is going around is also an objective of this project.
- The user at the time of registration will be asked about an user id, password, some details and etc., then they will get registered and can do what's need to be done.
- The admin portal which comes under government organization or government supervision is having a login id which is same for all

the staff officials which will show them everything which is needed to be shown.

So this is the whole discussion about the web application on online crime reporting system. It will be helpful to the law enforcement agencies.

VI. SYSTEM ANALYSIS

Analysis was done by keeping in mind the two modules of the project. The Analysis part of the project was the user module. Users of this application may or may not have much computer knowledge, so we mainly focused on our design, which had to be as user friendly as possible. The next important thing was to provide user level security. It was necessary to provide privacy to community members. Another thing was the appearance of the application; it had to be made pleasant and decent enough to attract the user.

Last but not the least, was to provide the authorities to the administrators. Proper validations were to be implemented of the registration-form.

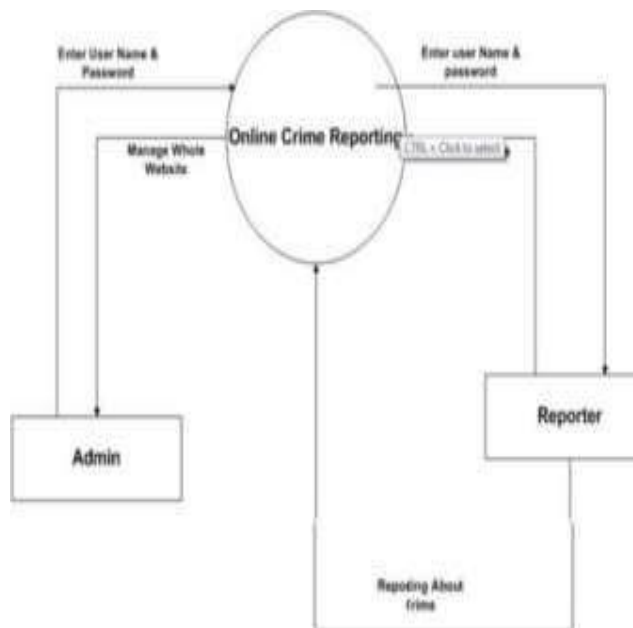
Functional needs:

- Crime reportage forms, progress following, proof attachments
- Missing national or valuables reportage and search Recognition of national and different users' contribution in finding criminal problems.
- The registration is totally secured and confidential.

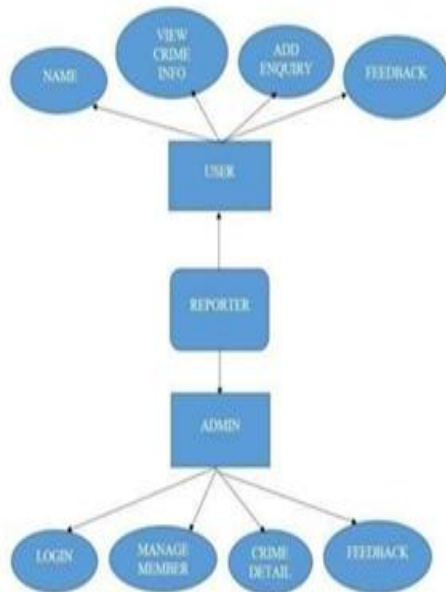
Non-functional needs

- 24/7 functional.
- It is designed to provide high performance at the time of traffic.
- This type of designs are not only useful for the present time but also they can be extended or updated as per requirement for future.

Data Flow Diagram:

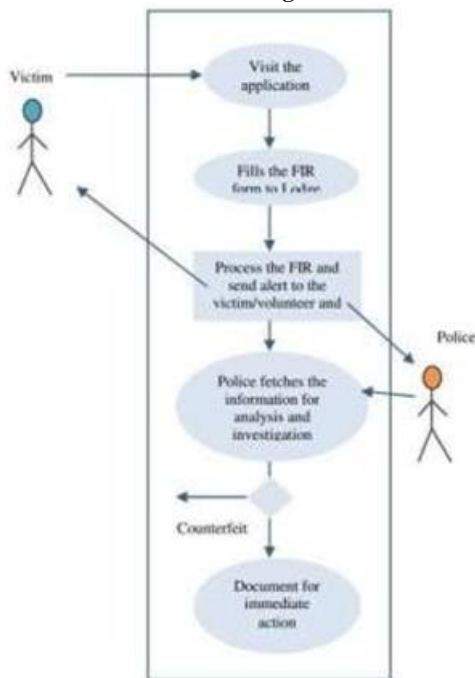


E-R Diagram



An Entity- Relationship diagram (E R diagram) will describe all the works which is going to happen in the site in a simple and predictable manner. The main component of E R diagram are relationship set, entity set, associate degree, E R diagram show the relationship among entity set.

Use-Case Diagram



The Use-Case diagram represents the methodology employed in system analysis of determine, clarify, and organize sys-tem needs of on-line crime reportage system. The most ac-tors of on-line Crime reportage System during this Use Case diagram are: Victim and Police United Nations agency perform the various forms of use cases like manage case, manage criminals etc.

Advantages

- The main advantage of on-line application is that, an individual will report the crime anytime from anyplace.

- Users will read the progress of their grievance on- line.
- The details of the users/reporters won't show in public

Disadvantages

- This application doesn't permit users to recover their positive identification.
- It is not getting to permit users to ignore or take away their crime report
- It would conjointly not permit to vary in their profile.
- It is not totally secured as anyone will visit anyone's profile

Risk Management

During the analysis of our whole application, we discovered some of the rise that could affect our application while developing and also while using.

These are those risks: 1. Technical Risk

2. Project Risk

3. Political Risk

1. Technical Risks :

First the application struck with the problem of the browser because it is depended on the browser technology as the website is going to be opened at the user side in the browser where any user can use any of the browsers available today. Our project is developed under the data documentations list of various hardware products of the user and according to their needs.

2. Project Risks :

As this application is developed for crime reporting, security has been given special importance. Privacy is a basic requirement expected by the users of this application. In our project there is very less requirement of budget because the only concentration here is on the computer and the internet access when this project is used as the real application so economical risks does not matter so much in our application

3. Political Risks :

There is no need to worry about the political issues here because it is just a website where the political issues may not occur.

Testing

This section discuss about the testing which was accomplished to check the functionality of the various interfaces that formed e-cops system.

Performance testing

This type of testing verifies the following aspects:

The concurrent users that requesting the web application and the response time. The main goal of this test is to verify the availability and responsiveness.

Compatibility testing

This is done to ensure the Browser compatibility of the website and therefore determine the hardware and operating system platforms that are supported by the application to understand the behavior of the system in different environments.

User interface testing

This test is meant for detecting the correct functionality of the graphical user interface (GUI) of the system and ensure that specifications are conformed.

VII. RESULT

So the outcome of all the labor in hot water jail management system is here. It is a software package that helps the user to figure with the prisons and crimes simply. This software is going to be a very Useful and helpful for our society. It saves time as a person can lodge an FIR without going to the police station or govt. organization. Every time any incident or accident or any criminal activity take place and it is updated in it, it will be stored for future references and security purpose. This online crime reporting system could be a resolution to all the issues which are associated with culprit details, violation of the law or anything which is unconstitutional.

VIII. CONCLUSION

The Online Crime Reporting System is a web application system which is too much helpful for all the common people, government organization and different societies. This is based on a very simple and non-complex approach. This has been created as a safety measure for all section of people and societies. Anything which is against the law or anyone who is violating the law will now have some fear as now filing an FIR is much easier than it was before. The Online Crime Reporting System is a success with satisfaction from both the people and government organizations. This has been tested and is a success. So, this make it much more efficient.

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