

Mobile App for Citizens and Management of Crime Records

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Abstract

The undertaking titled as "Online Crime file Management "is an electronic application. This product gives the office to announcing on the web wrongdoings, dissensions, missing people, demonstrate most wanted individual subtle elements mailing and in addition visiting. Any Number of customers can associate with the server. Every client initially makes their login to disjoin to demonstrate their accessibility. The server can be any Web Server.

Keywords: - Crime Records, Mobile App for Citizens, crime management system.

INTRODUCTION

The crime management system can help in storing the records related to the criminals, cases, complaint record, case history and so on. This can allow a person to enter or delete the records if necessary. All these records can be maintained in a single database. Security is maintained so as to ensure that only the authorized users will have access to the system. This Application can help in getting the

information of the criminals of many years back. It can also help in minimizing most of the work of the police. The features that can be included in this website are as follows:

1. Criminal record: This Application contains the details related to the criminals in the particular case.

2. Complaint registration: The details of the complaints that are registered can also be stored through this website.

3. Police database management: The details of the police in the particular police station can be maintained through the website.

LITERATURE SURVEY

The current framework has a few drawbacks and numerous more challenges to function admirably. Drawbacks of Existing System:

1. More labour.
2. Time-consuming.
3. Consumes expansive volume of paring work.
4. Need manual counts.
5. No coordinate part for the higher authorities.
6. Damage of machines because of an absence of consideration the framework should be electronics.

METHODOLOGY

The purpose of this paper is to develop an android application for crime area detection and store criminal records. It provides an application for the User and Admin, which is created using further technology description and system design.

TECHNOLOGY DESCRIPTION

a) ASP.NET

ASP.NET is a web development platform, which provides a programming model, a

comprehensive software infrastructure and various services required to build up robust web applications for PC, as well as mobile devices.

b) HTML

HTML stands for HyperText Markup Language, which is the most widely used language on the web to develop web pages. HTML refers to the way in which Web pages (HTML documents) are linked together. Thus, the link available on a web page is called Hypertext.

c) SQL Server

SQL Server is a relational database management system (RDBMS) developed and marketed by Microsoft. As a database server, the primary function of the SQL Server is to store and retrieve data used by other applications. The SQL Connection Object is Handling the part of physical communication between the ASP.NET application and the SQL Server Database.

SYSTEM DESIGN

System Design consists of two modules: User and Administrator (Admin).

Use Case Diagrams

(a) User Module

News: This module helps the user to see the most recent news which can refresh by

admin.

Safety tips: This module helps the safety tips or measures that should be taken by the user.

Feedback: This module will help the user to see the status or feedback of complaint, which will be released by the admin.

Most Wanted: This module will show the most wanted person data to user, which will be released by Admin.

Missing Person: This module will show missing person data to the user which will be released by admin, and also user can add missing person data in this module.

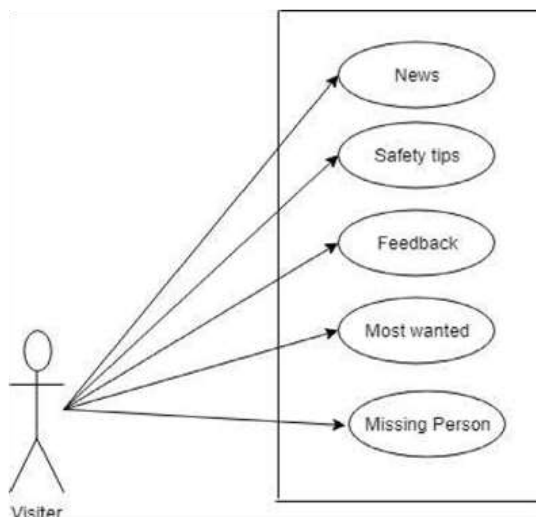


Fig. 1: Visitor/User use case Diagram

(b) Admin Module

Login: This module shows Admin have to login on the page.

Manage Members: This module helps Admin to manage the data of members.

Manage Crime Details: This module helps Admin to manage the crime details of persons.

Feedback Management: This module helps Admin to give feedback or show the status of complaint came from the user.

Logout: This module helps Admin to logout after successful completion of his/her work on this app.

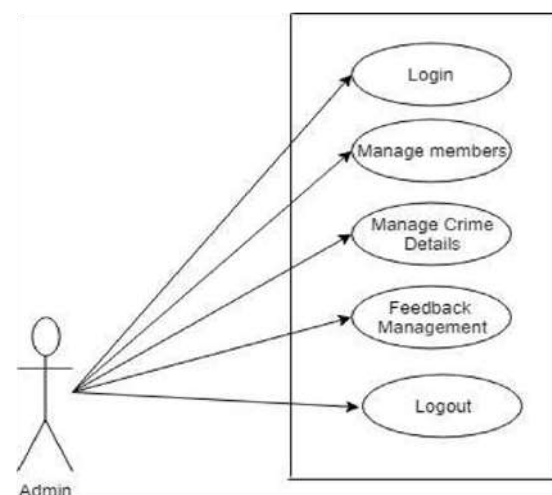


Fig. 2: Admin use case Diagram

RESULT

Crime Help is the first page of our app. Login and Registration is the second page. To get access to this app User and Admin have to register on this app. After User and Admin registration, both can login and can use the app.



Fig. 3: User and Admin Registration/Login Page

Below given is the User Home page where the User will have access to FIR, Complaint, Permissions, Women Helpline, Cyber Cell, Emergency Helpline, Call Us, Uninstall Banned App.



Fig. 4: User Home Page

Below given is Admin Dashboard or Admin Home Page. After clicking on Dashboard, Admin will have access to Add Women Police, Add NGO, View FIR, View Cyber Fraud, View Complaint, View Permission Request, Missing Person.

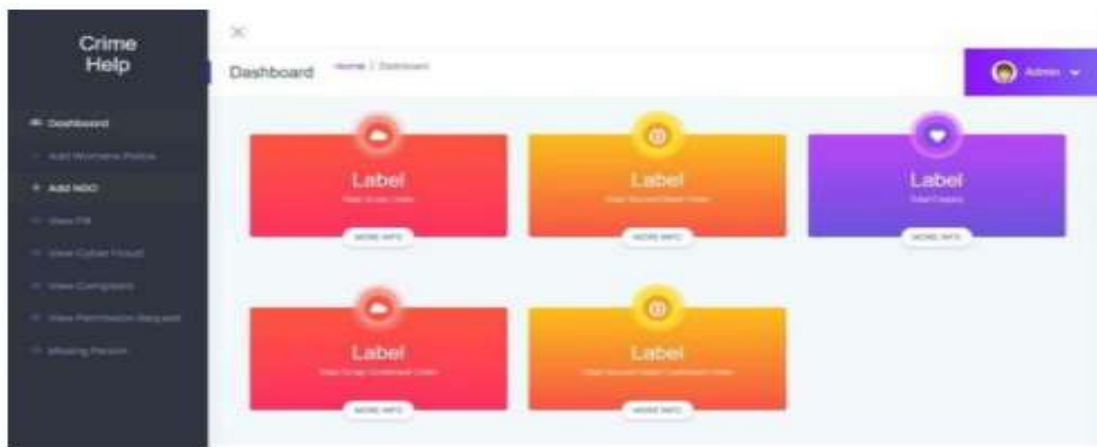


Fig. 5: Admin Home Page

CONCLUSION

In this paper, we have overcome the problem of the communication gap between the police during their investigation. We also provide a solution to bridge the communication gap between police and the general user. Also, the criminal information will be readily accessible to the police officials as it is stored on the cloud. The problem of reporting fake crimes will be overcome as this application will need the verification of police to report incidents reported by the user to broadcast it to other users using the same application. In future, some other security algorithms can be used to provide better security measures for the criminal database.

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