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Online Crime File Management System

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Abstract: The project titled as "Online Crime file Management System "is a web based application. This software provides facility for reporting crimes, registering complaints and to know about the status of the complaint and to know about further proceedings.

. This project has been developed to help the all crime department for storing and verify the all the crime file records with effective way and without any mistake. This online Crime File Management portal applies to force all across the state and specifically looks into the subject crime and violation prevention, detection, conviction of criminals depending on a highly responsive backbone of Information Management.

1. INTRODUCTION

The project entitled as “**Online Crime File Management System**” “is developed by Microsoft visual studio.net as Front End and Sql server as Back End.

The most common existing system crime record verifications which are normally used to verify using crime record book. This project has been developed to help the all crime department for storing and verify the all the crime file records with effective way and without any mistake. This online Crime File Management portal applies to force all across the state and specifically looks into the subject crime and violation prevention, detection, conviction of criminals depending on a highly responsive backbone of Information Management.

If any person failed to attempt crime in any place using our web based application higher authority will enter the all the crime details along with criminal face details these details include crime name, Place, type of crime, punishment details, anticipatory bail along with FIR copy photo. Criminal data will upload in this website. The admin can view all the reports through online. The purpose of this project is to reduce time consumption and human effort for searching criminal details, higher authority will process the face in this website so, and that system automatically fetches the crime record information and displays this crime record to authority. This application provides user friendly interface as well. So that each and every record can be kept in efficient way and can generate the report as per requirements within limited time in exact way. The proposed project facilitates the complete criminal searching process across all the police station with the effective information gathering.

II. METHODOLOGY

The project entitles " Online Crime File Management System" which is more supportive for the crime and police departments for dealing the crime cases. This project is divided into several modules namely ,

1. Authentication module

The first module is the authentication module. Using this module station in charge, admin can get login into the website. Based on the role, the page will be navigated.

2. Registration:

This module helps to register them with the application. Registration is mandatory since it is required for them to view and add crime details. The user needs to select a username and password at the time of registration and the username will be Unique.

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3. Station details Entry process

This module fully based on admin control. System will check the admin name and password for authentication. Once authentication success admin can enter the all police station across the state .These details include police station name, state, city, Station in charge name, Station Id, Address info, area information, mail Id of the in charger,etc, information to be stored into station info table. After successful store application randomly generate password and send to in charge mail Id.

4. Crime details Entry process

This module is mainly based on Station in charge control. This web application will check the user name and password for authentication. After the verification for authorization in charge can able to enter the all crime details such as crime id, type of crime ,name of the person, crime file date, person Image ,location, address info, punishment ,FIR copy Image ,nature of activity etc these all the details stored in crime table for future verification purpose.

5. Verification process

The verification module is used to helps police check crime details activities effective manner. Initially identify the crime first data of the criminal process in this website so that system automatically fetches the crime record information and display these crime record and FIR copy details to authority. It can be verified by checking the details from the database based on user stored information of the criminal .So that police can identify easily person attempt crime previously or not.

6. Report Generation

This module helps admin to generate report .Using this modules admin can view and generate various report such as police station details, criminal report, crime details report etc.

Existing System

The present system doesn't have any software facilities analysis criminal details effective way. The crime details analysis process can be performed via manual record search, which is more difficult to know the exact details of a particular criminal information .This is very tedious for the prompt response to the user query regarding the particular crime person records.

The existing system is tedious and time consuming. It also requires handling knowledge and skilled manpower. The maintenance cost with this system is periodical and unavoidable. If you want to update some details it is very difficult in existing system. Storing and retrieving process it is very difficult. Redundant data also occurred so existing system needs more memory size. There are high possibilities to commit errors and mistakes, which leads to produce the wrong statements to the clearance. Paper work on the other hand is a cumbersome process for searching criminal details. There are chances for errors and also updating of data is difficult

Disadvantages:

- More manual work.
- Security of information is low.
- Time consumption is more.
- Frequent occurrence of error.
- More difficult process to identify crime details.

Proposed System

The proposed system is an online application that connects crime details and police department in a single website. The drawbacks, which are faced during existing system, can be eradicated by using the proposed web portal application. Proposed to make the new system extremely user friendly. This web application helps in maintain paperless process. This should develop to Minimizing the manual process. our proposed web based application helps to higher authority will maintain the all the crime details along with criminal details The purpose of this project is to reduce time consumption and

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human effort for searching criminal details, higher authority will process the face in this website so, and that system automatically fetches the crime record information and display these crime record details to authority.

Advantages of Proposed System

- Reduce the paper work
- High level security
- Large volumes of data can be stored with ease.
- It could be easily updated for changes.
- Crime verification is easier.
- User friendly application

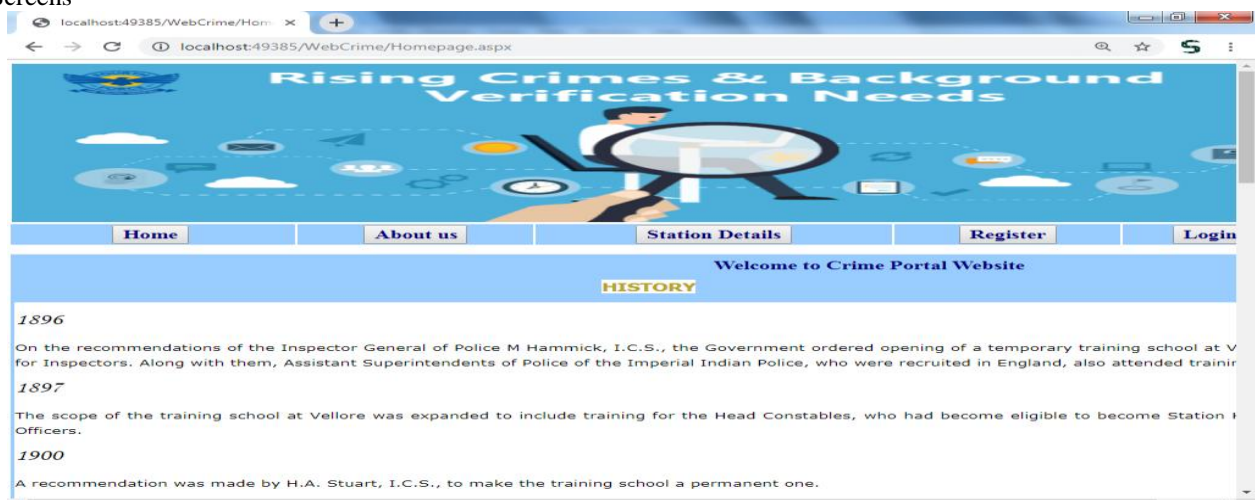
III. INPUT DESIGN & OUTPUT DESIGN

The input design is the link between the information system and the user. It comprises the developing specification and procedures for data preparation and those steps are necessary to put transaction data in to a usable form for processing can be achieved by inspecting the computer to read data from a written or printed document or it can occur by having people keying the data directly into the system. The design of input focuses on controlling the amount of input required, controlling the errors, avoiding delay, avoiding extra steps and keeping the process simple. The input is designed in such a way so that it provides security and ease of use with retaining the privacy.

A quality output is one, which meets the requirements of the end user and presents the information clearly. In any system results of processing are communicated to the users and to other system through outputs. In output design it is determined how the information is to be displaced for immediate need and also the hard copy output. It is the most important and direct source information to the user. Efficient and intelligent output design improves the system's relationship to help user decision-making.

screenshots:

Screens



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localhost49385/WebCrime/Regi x
localhost49385/WebCrime/Register.aspx

Home About us Station Details Register Login

New User Register Details

Register ID	2
Register Name	Sumithra
Gender	Female
Contact Number	9632587410
Email ID	sumithra@gmail.com
Address	Coimbatore
Location Name	ganapathy
District	Coimbatore
State	Tamilnadu
Pincode	641012
User Name	sumithra
Password	sumithra

Register Cancel

REGISTER NOW



localhost49385/WebCrime/Login x
localhost49385/WebCrime/Login.aspx

Rising Crimes & Background Verification Needs

Home About us Station Details Register Login

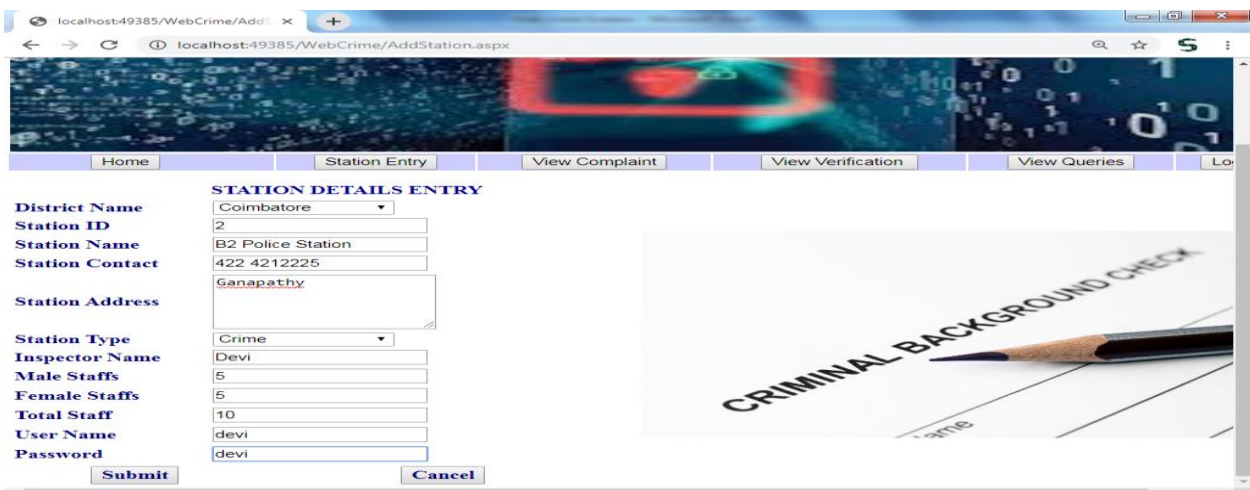
Admin/Authority/User Login Here

User Name Admin

Password

Login Cancel

Login



localhost49385/WebCrime/Add x
localhost49385/WebCrime/AddStation.aspx

Home Station Entry View Complaint View Verification View Queries Lo

STATION DETAILS ENTRY

District Name	Coimbatore
Station ID	2
Station Name	B2 Police Station
Station Contact	422 4212225
Station Address	Ganapathy
Station Type	Crime
Inspector Name	Devi
Male Staffs	5
Female Staffs	5
Total Staff	10
User Name	devi
Password	devi

Submit Cancel

CRIMINAL BACKGROUND CHECK

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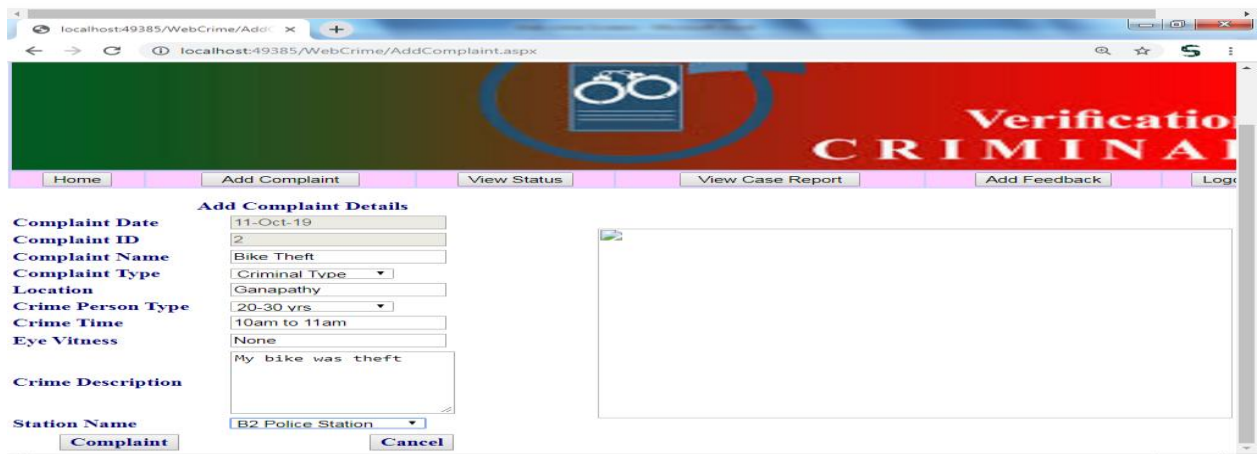


localhost:49385/WebCrime/ViewCrime.aspx

Home Station Entry View Complaint View Verification View Queries Login

View Complaint Details

complaintdate	complaintid	complaintname	complainttype	location	persontype	crimetime	eyewitness	crimedescription	registerid	station
10-Oct-19	1	Bike Theft	Criminal Type	Gandhipuram	Above 40yrs	4pm to 5pm	none	i parked my bike it was thieved	1	B



localhost:49385/WebCrime/AddComplaint.aspx

Home Add Complaint View Status View Case Report Add Feedback Login

Add Complaint Details

Complaint Date: 11-Oct-19
 Complaint ID: 2
 Complaint Name: Bike Theft
 Complaint Type: Criminal Type
 Location: Ganapathy
 Crime Person Type: 20-30 yrs
 Crime Time: 10am to 11am
 Eye Witness: None
 Crime Description: My bike was theft
 Station Name: B2 Police Station

Complaint Cancel



localhost:49385/WebCrime/ViewComplaint.aspx

Home View Complaint Add Case Details Verification Entry Enquiry Logout

View Complaint Details

Select Complaint Date: 11-Oct-19 View Complaint View All

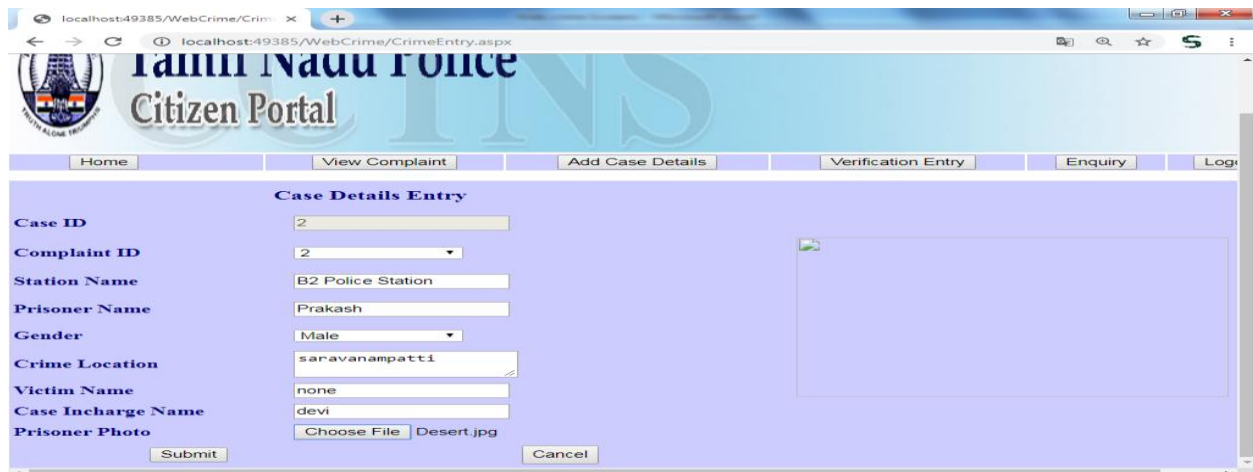
complaintdate	complaintid	complaintname	complainttype	location	persontype	crimetime	eyewitness	crimedescription	registerid	station
11-Oct-19	2	Bike Theft	Criminal Type	Ganapathy	20-30 yrs	10am to 11am	None	My bike was theft 2		B2 Pol Station

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IV. CONCLUSION & SCOPE FOR FUTURE ENHANCEMENT

The project titled as “Online Crime file Management” is a web based application. This software 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.

In future we can use Image reorganization instead of using heterogeneous database more over High speed, accuracy and non-redundant data are the main advantages of the proposed system. In the proposed system the user is provided with a choice of data screen, which are similar in formats to the source documents. Data entry errors can be minimized through validity checks. After the verification only the data are placed the permanent database. The software can be developed further to include a lot of modules because the proposed system is developed on the view of future, for example we should develop the system as a database independent using JDBC so we can connect it to any other database, Now the proposed system is based on PC and intranet but in the future if we need to convert it into internet then we need to change the front end only because we are developing this on the basis of OOP technology and most of the business logic's are bounded in the class files and module like reusable components.

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