ONLINE CRIME REPORTING SYSTEM

PROJECT REPORT

by

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February, 2025

Online Crime Reporting System in Python Project

Crime is a part of illegal activities in human life. It is quite obvious that the rate of crimes is increasing day by day in all societies across the world, but we do believe that there is a lot which can be done by both the governments and the individuals to reduce the crimes in communities. The rise of population and complex society rises the range of anti-social conducts that must be restricted by the government through the military and different organizations particularly the Police Force. There are many current crime management systems which faces several difficulties, as there is no means to report crime instantly other than phone calls, messaging or face-to-face compliant filing. Hence, we have proposed an online crime reporting system which allows the user to file complaints or missing reports and keep a track of it. There are 3 categories that a user can file; Complaint, Crime Report and Missing Report and can see all the status of what action has been taken by the admin. To file any of the above 3 complaints, the user should register in to the system and provide his right credentials to file them. The crime reporting system project also allows other users who doesn't want to register but can check the crimes happening at his/her or any other area, has to just provide the pin code and in return the system displays the list of crimes if any filed. The offline i.e. the unregistered user can also take advantage of checking the missing person details, but he/she is refrained from getting complaints done by the users. The Front End of the crime reporting system is done using Android Studio and SQL serves as a backend to store books lists and inventory data. The system, has both the user as well the Admin Part, the role of admin is to just check all the 3 modules or categories and update their status likewise. This system helps the users in tracking any report filed to the law and take an advantage of reporting any complaint from anywhere bringing the whole system online.

❖ Modules:

The system comprises of 2 major modules with their sub-modules as follows:

1. **Admin:**

    - **Login:** Admin can login in his personal account using id and password
    - **View Complaints:** Admin can view the complaints.
    - **Update cases:** Admin can update the crime cases.

2. **User:**

    - **User Registration:** User has to register to file complaints, crimes or missing report.
    - **User Login:** User can login to system to file and check the status of his complaints or missing reports.
    - **Complaints:** Complaints consist of basic details the system asks and the user has to fill in order to register a complaint and check the status of his complaints.
    - **Crimes:** Crimes consist of all the details that the user has to fill in to register a complaint and provide a picture, if he has one related to the crime, also can check the status of the crimes he has filed.
    - **Missing Persons:** The System asks the user to enter all the details of the person with a photograph. The system also allows the user to check the status his previous filed cases.

- **Without Login:** The System allows the user to check for crimes against the pin code provided by the user. The User can also check for missing people.

❖ Hardware Requirement:

- ➤ i3 Processor Based Computer or higher
- ➤ Memory: 1 GB RAM
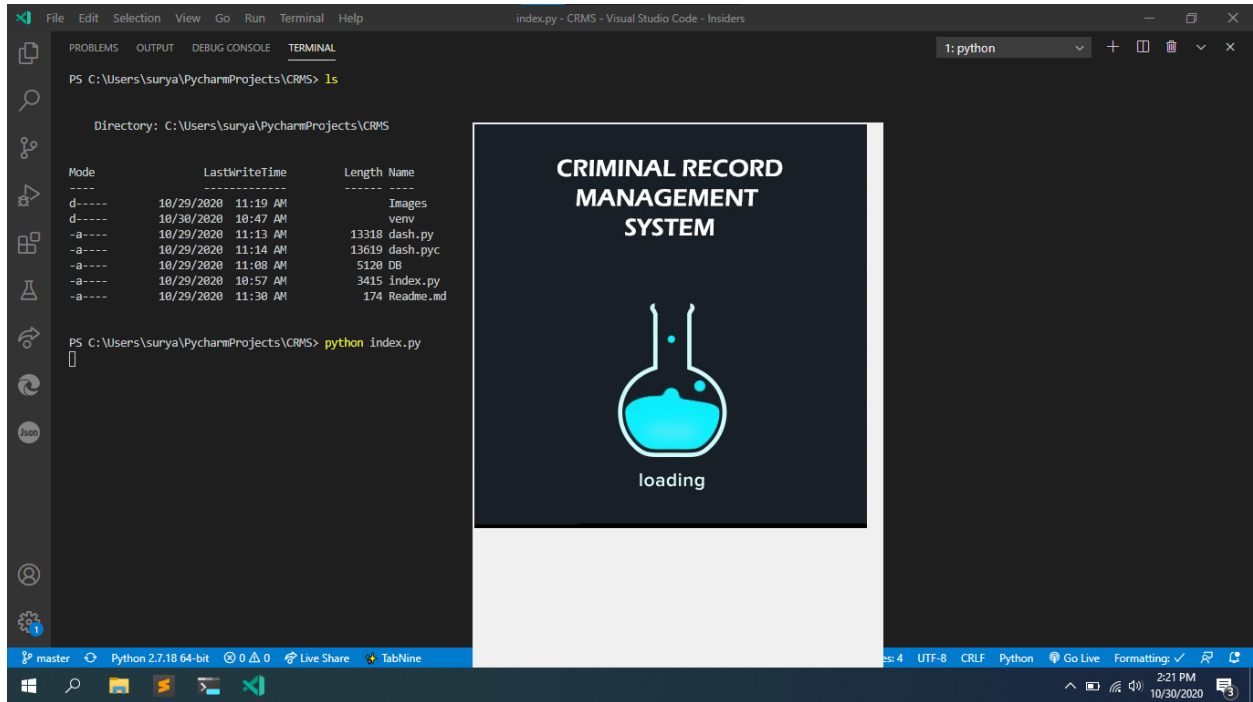- ➤ Hard Drive: 50 GB
- ➤ Monitor
- ➤ Internet Connection

❖ Software Requirement:

- ➤ Windows 7 or higher
- ➤ Python
- ➤ Sqlite3 database

❖ Advantages

- The User can check the missing reports or crime without giving his credentials to the system.

- The user is allowed to file any number of cases.

- Admin and the user have the same App limiting the cost and size.
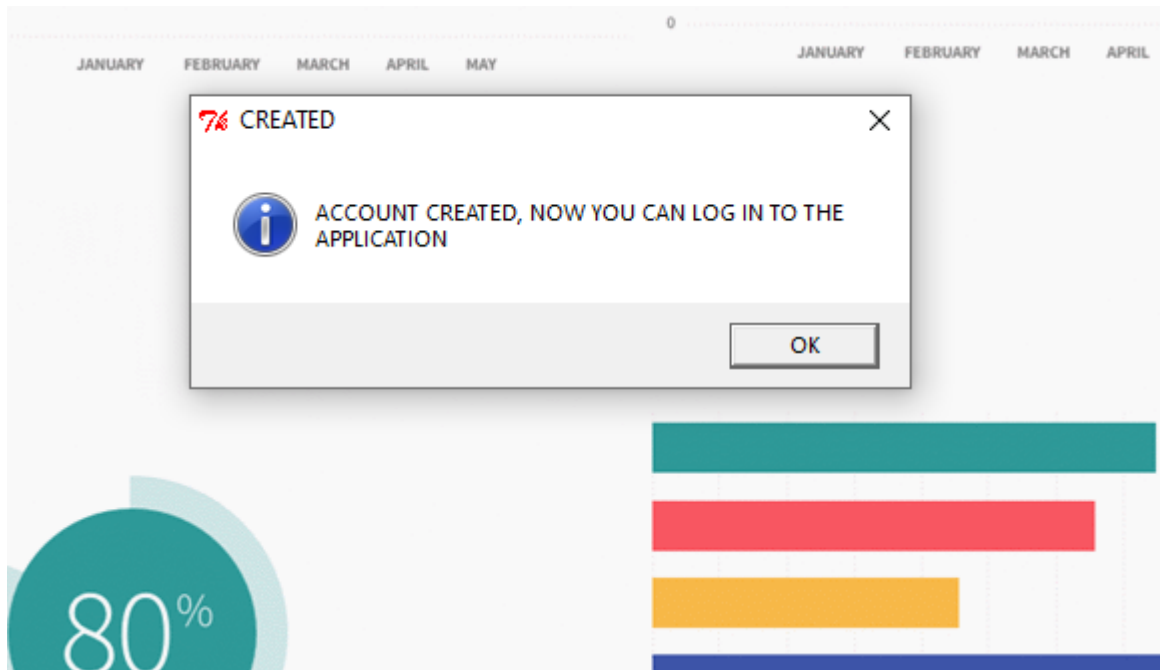
❖ Screenshots of the interface

CREATE AN ACCOUNT

Username

guest_user

Password

guest

Name

Guest

SUBMIT

Welcome
Criminal Records Management System

Add / Remove / update and view the records using this interactive application
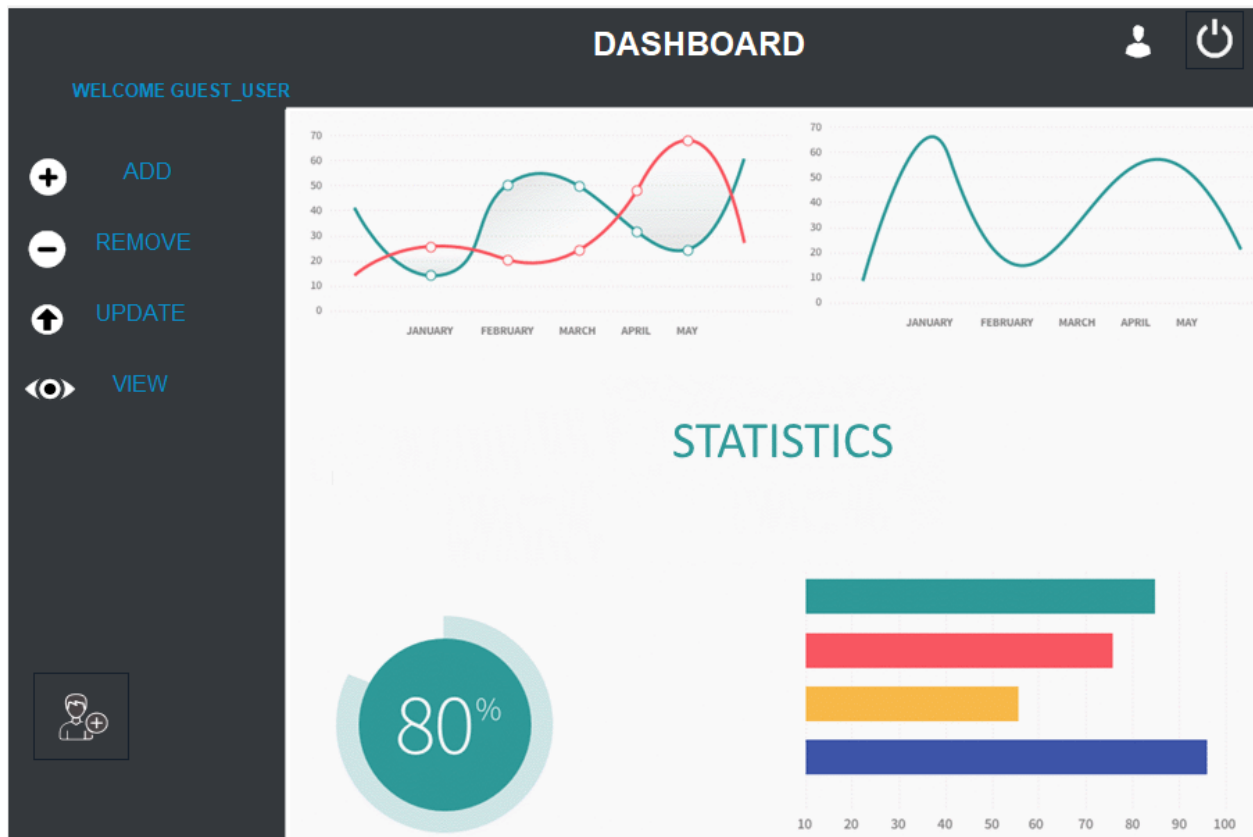Reduced function calls, improved speed
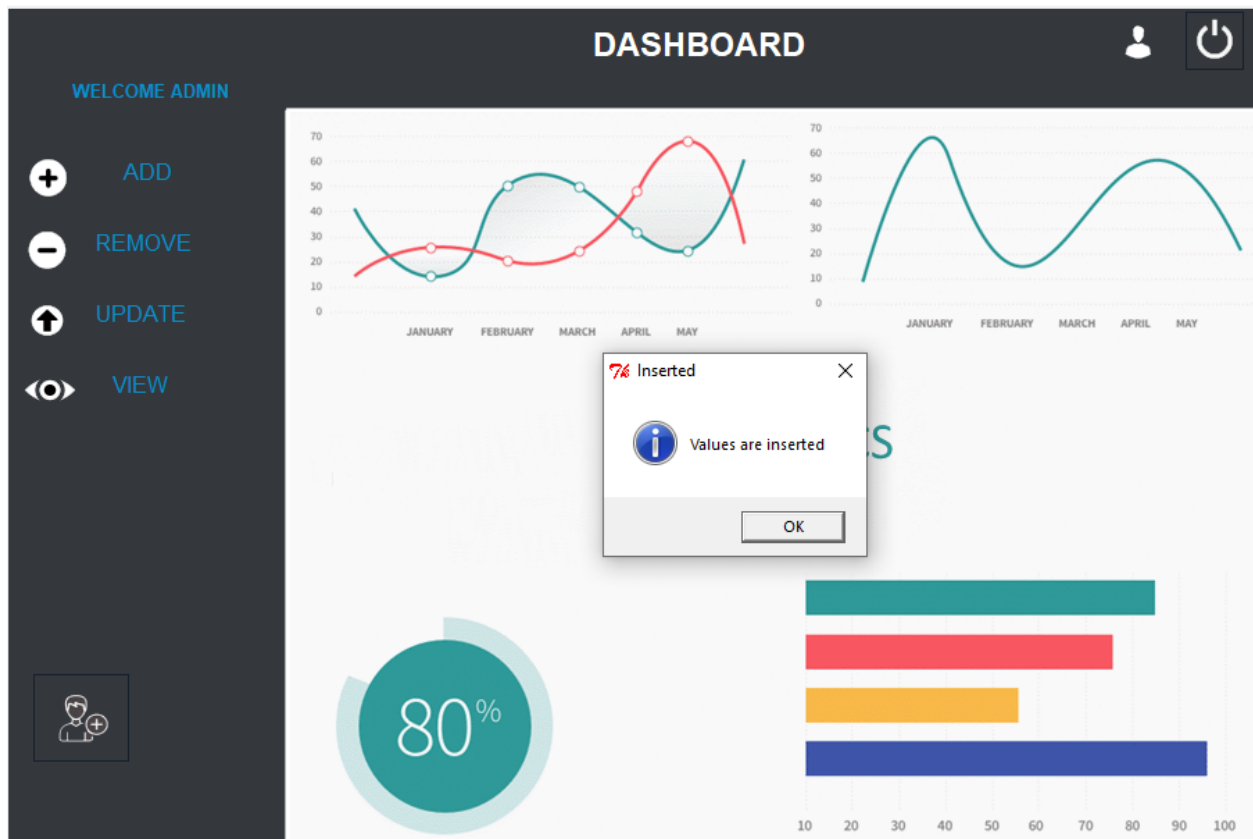Code made readable for further developement

Log In

tk — □ ✕

Enter the Details

Criminal ID:	123456
Lockup ID:	9999
First Name:	Shyam
Last Name:	Kishore
Blood Group:	A-
Father's Name:	Ravi Kishore
Gender:	Male
Age:	24
Status:	Alive
Crime:	Car Robbery
State:	Uttar Pradesh
City:	Lucknow
Street No:	N/A
House No:	N/A

Insert

tk

Enter Criminial ID to update

Criminal ID:

Lockup ID:

First Name:

Last Name:

Blood Group:

Father's Name:

Gender:

Age:

Status:

Crime:

State:

City:

Street No:

House No:

Update

tk — □ ✕

Enter Criminal id only

Criminal ID: `1234`

Lockup ID:

First Name:

Last Name:

Blood Group:

Father's Name:

Gender:

Age:

Status:

Crime:

State:

City:

Street No:

House No:

VIEW

Enter Criminal id only

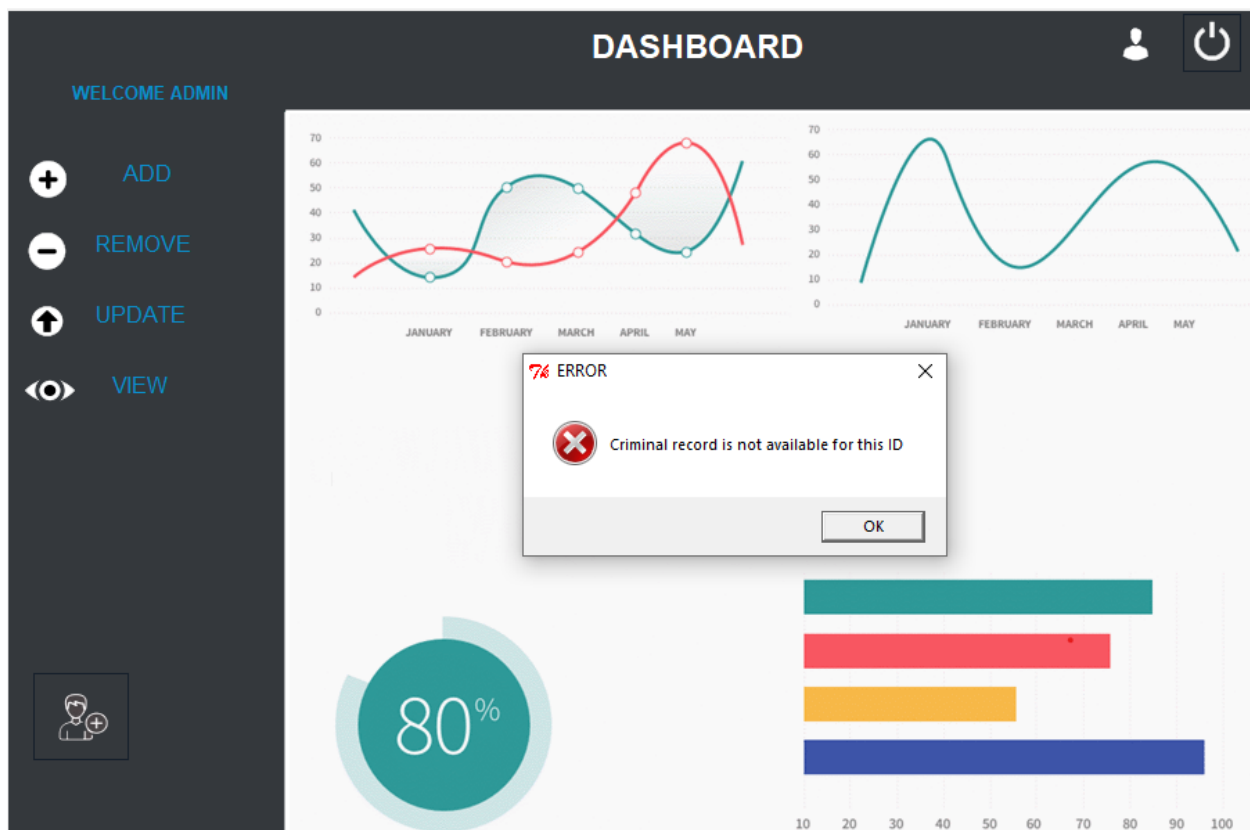| Criminal ID:	1234
Lockup ID:	1234
First Name:	abcd
Last Name:	abcd
Blood Group:	o
Father's Name:	abcd
Gender:	male
Age:	23
Status:	crime
Crime:	stealth
State:	punjab
City:	punjab
Street No:	1234
House No:	1234

VIEW

Remove a Criminal

Criminal ID

12345678

REMOVE

❖ Conclusion

       Our project has proved to be very beneficial for people. For a peaceful and smooth governance of the people we can take examples from this project to come up with better platform for people where they can report the crimes happening around them. This will help the higher authorities to track the crime and have eye witnesses and delivering justice in time.