**Group 2**

**Crime Records Management System**

The Crime Record Management system is a top-core Java project for beginners to start. This is an automated system for managing and storing all the records related to criminals in a particular area. There will be a proper criminal record for all the criminals according to their crime, date of crime, and their punishment period.

One of the most significant features is that the victims can also file their complaints through this system at a particular police station or from any place and at any time by providing the details of the incident with all the required details. When the request is lodged by the victim or the user, it will reach the server of the Police station and it will be converted to an FIR for further investigations.

WRSPM: World, requirements, specification, program, machine

* **World assumptions**: The environment here is that a police department maintains a crime management system.
  + The people on the record have committed that crime.
  + The crimes reported will be further investigated
  + The people filing complaints are victims of a crime.
  + The users managing the records are authorized to do so.
* **Requirements:** The user's desire is to have a criminal records management system to file complaints and store criminal records according to criminals' crime, date of crime, and their punishment period.
  + The system must allow users (police department members only) to register for an account.
  + Registered users must be able to log in and out of the system.
  + Users have to log in to their accounts to store criminal data.
  + If users from a police station log into their account, they should be able to see all criminal records and complaints.
  + Victims and Users can file their complaints through this system. Victims don’t need an account to file complaints.
  + Only users from police stations can record criminal data and file complaints.
  + Complaints cannot be submitted without all information.
  + The system must send the complaint request to the police station server.
  + The system must let users add criminals.
  + The system should have a proper criminal record according to their crime, date of crime, and their punishment period.
* **Specifications**:
  + The system is able to file as many complaints and add criminals as the users want.
  + The system is able to store the records based on the crime, the date of the crime, and the punishment period.
  + **Internet connection is needed for uploading records to the cloud (police’s database).**
  + The home page has two buttons: “File a Complaint” and “Log in”.
  + Victims can only use the “File a Complaint” button.
  + Each user from a police station should have a code that will be used to log in to the system.
  + There is a button after logging in to the account that says “File a Complaint” and it takes users to a new complaint form and a button that says “Add a Criminal” which takes users to add a new criminal page.
  + A menu button is at the top right corner of the page after login into the account and the button contains Complaints History, Criminal History, logout, and exit menu items.
* **Program**: This system is based on Java language and its work source is Netbeans IDE. MVC method is used for managing and organizing the coding part and SceneBuilder is used for user interfaces. The database will be made through MySQL.
* **Machine**: The system can be installed on a Window machine

This is the URL for our GitHub repo:

https://github.com/rafaelSandovalR/CSC325\_F22\_CapstoneProject