

CRIME ANALYSIS AND REPORTING SYSTEM (C.A.R.S.)

CASE STUDY

HARSHINI V

OUTPUT SCREENSHOTS:

1. CREATE A NEW INCIDENT

1. Create a new incident
2. Update the status of an incident
3. Get a list of incidents within a date range
4. Search for incidents based on incident type
5. Generate incident reports
6. Create a new case
7. Get details of a specific case
8. Update case details
9. List of all Cases
0. Exit

Please choose from above options: 1
Enter Incident ID: 10
Enter Incident Type: Theft
Enter Incident Date (DD-MM-YYYY): 14-03-2024
Enter Location Longitude: -73.93524234
Enter Location Latitude: 40.73061056
Enter Incident Description: Stolen purse
Enter Incident Status: Open
Enter Victim ID: 1
Enter Suspect ID: 1

Incident Created Successfully!

2. UPDATE THE STATUS OF AN INCIDENT

Incident Created Successfully!

1. Create a new incident
2. Update the status of an incident
3. Get a list of incidents within a date range
4. Search for incidents based on incident type
5. Generate incident reports
6. Create a new case
7. Get details of a specific case
8. Update case details
9. List of all Cases
0. Exit

Please choose from above options: 2
Enter Incident ID: 7
Enter Incident Status: Closed

Incident Status Updated Successfully!

3. GET A LIST OF INCIDENTS WITHIN A DATE RANGE

- 1. Create a new incident
- 2. Update the status of an incident
- 3. Get a list of incidents within a date range
- 4. Search for incidents based on incident type
- 5. Generate incident reports
- 6. Create a new case
- 7. Get details of a specific case
- 8. Update case details
- 9. List of all Cases
- 0. Exit

Please choose from above options: 3
Enter Start Date (DD-MM-YYYY): 02-03-2024
Enter End Date (DD-MM-YYYY): 11-03-2024

IncidentID	IncidentType	IncidentDate	Location_Longitude	Location_Latitude	Description	Status	VictimID	SuspectID
1	Theft	2024-03-11	-73.9352	40.7306	Stolen bicycle	Open	1	1
2	Assault	2024-03-02	-73.9854	40.7488	Physical altercation	Closed	2	2

4. SEARCH FOR INCIDENTS BASED ON INCIDENT TYPE

- 1. Create a new incident
- 2. Update the status of an incident
- 3. Get a list of incidents within a date range
- 4. Search for incidents based on incident type
- 5. Generate incident reports
- 6. Create a new case
- 7. Get details of a specific case
- 8. Update case details
- 9. List of all Cases
- 0. Exit

Please choose from above options: 4
Enter Incident Type: Theft

IncidentID	IncidentType	IncidentDate	Location_Longitude	Location_Latitude	Description	Status	VictimID	SuspectID
1	Theft	2024-03-11	-73.9352	40.7306	Stolen bicycle	Open	1	1
10	Theft	2024-03-14	-73.9352	40.7306	Stolen purse	Open	1	1

5. GENERATE INCIDENT REPORTS

- 1. Create a new incident
- 2. Update the status of an incident
- 3. Get a list of incidents within a date range
- 4. Search for incidents based on incident type
- 5. Generate incident reports
- 6. Create a new case
- 7. Get details of a specific case
- 8. Update case details
- 9. List of all Cases
- 0. Exit

Please choose from above options: 5
Enter Report ID: 10
Enter Incident ID: 10
Enter Reporting Officer ID: 1
Enter Report Date (DD-MM-YYYY): 14-03-2024
Enter Report Details: Officer Wells filed the initial report detailing the theft of a purse from a park, including CCTV evidence of the suspect.
Enter Report Status: Draft

Incident Report Created successfully!

6. CREATE A NEW CASE

1. Create a new incident
2. Update the status of an incident
3. Get a list of incidents within a date range
4. Search for incidents based on incident type
5. Generate incident reports
6. Create a new case
7. Get details of a specific case
8. Update case details
9. List of all Cases
0. Exit

Please choose from above options: 6

Enter Case ID: 10

Enter Incident ID: 10

Enter Case Details: Case involves theft of a purse from a public park.

Case Created Successfully!

7. GET DETAILS OF A SPECIFIC CASE

1. Create a new incident
2. Update the status of an incident
3. Get a list of incidents within a date range
4. Search for incidents based on incident type
5. Generate incident reports
6. Create a new case
7. Get details of a specific case
8. Update case details
9. List of all Cases
0. Exit

Please choose from above options: 7

Enter Case ID: 10

```
+-----+
| Details                               |
+-----+
| Case involves theft of a purse from a public park. |
+-----+
```

8. UPDATE CASE DETAILS

1. Create a new incident
2. Update the status of an incident
3. Get a list of incidents within a date range
4. Search for incidents based on incident type
5. Generate incident reports
6. Create a new case
7. Get details of a specific case
8. Update case details
9. List of all Cases
0. Exit

Please choose from above options: 8

Enter Case ID: 10

Enter Case Details: The Case involves theft of a bicycle from a public park.

Case Details Updated successfully!

9. LIST OF ALL CASES

1. Create a new incident
2. Update the status of an incident
3. Get a list of incidents within a date range
4. Search for incidents based on incident type
5. Generate incident reports
6. Create a new case
7. Get details of a specific case
8. Update case details
9. List of all Cases
0. Exit

Please choose from above options: 9

CaseID	IncidentID	Details
1	1	Case involves theft of a bicycle from a public park.
2	2	Assault case involving a physical altercation between two individuals.
3	3	Investigation of a reported burglary at a residential property.
4	4	Case regarding vandalism in a public area, involving graffiti.
5	5	Investigation of credit card fraud, possibly involving identity theft.
6	6	Case involving a mugging incident in an alleyway, and the suspect fled.
7	7	Cybercrime case involving a phishing attack.
8	8	a child was reported missing.
9	9	Case involves theft of a car from supermarket.
10	10	The Case involves theft of a bicycle from a public park.

0. EXIT

1. Create a new incident
2. Update the status of an incident
3. Get a list of incidents within a date range
4. Search for incidents based on incident type
5. Generate incident reports
6. Create a new case
7. Get details of a specific case
8. Update case details
9. List of all Cases
0. Exit

Please choose from above options: 0

Thank You!!
Exiting the System!!!