

EXPERIMENT 3

USE CASE DIAGRAM

```
@startuml
    left to right direction
    skipparam packageStyle rectangle
    skipparam actorStyle awesome

    actor PublicUser
    actor PoliceOfficer
    actor Admin

    rectangle "Crime Detection System" {
        usecase "Login" as UC1
        usecase "Logout" as UC2
        usecase "View Crime Rate" as UC3
        usecase "Send Emergency SOS" as UC4
        usecase "View Historical Records" as UC5
        usecase "Update Crime Data" as UC6
        usecase "Visualize Crime Data" as UC7
        usecase "Assign User Roles" as UC8
        usecase "Set Role Permissions" as UC9
    }

    PublicUser --> UC1
    PublicUser --> UC2
    PublicUser --> UC3
    PublicUser --> UC4
    PoliceOfficer --> UC5
    PoliceOfficer --> UC6
    PoliceOfficer --> UC7
    Admin --> UC8
    Admin --> UC9
enduml
```

