# PROJECT-TITLE : CRIME RECORD MANAGEMENT SYSTEM

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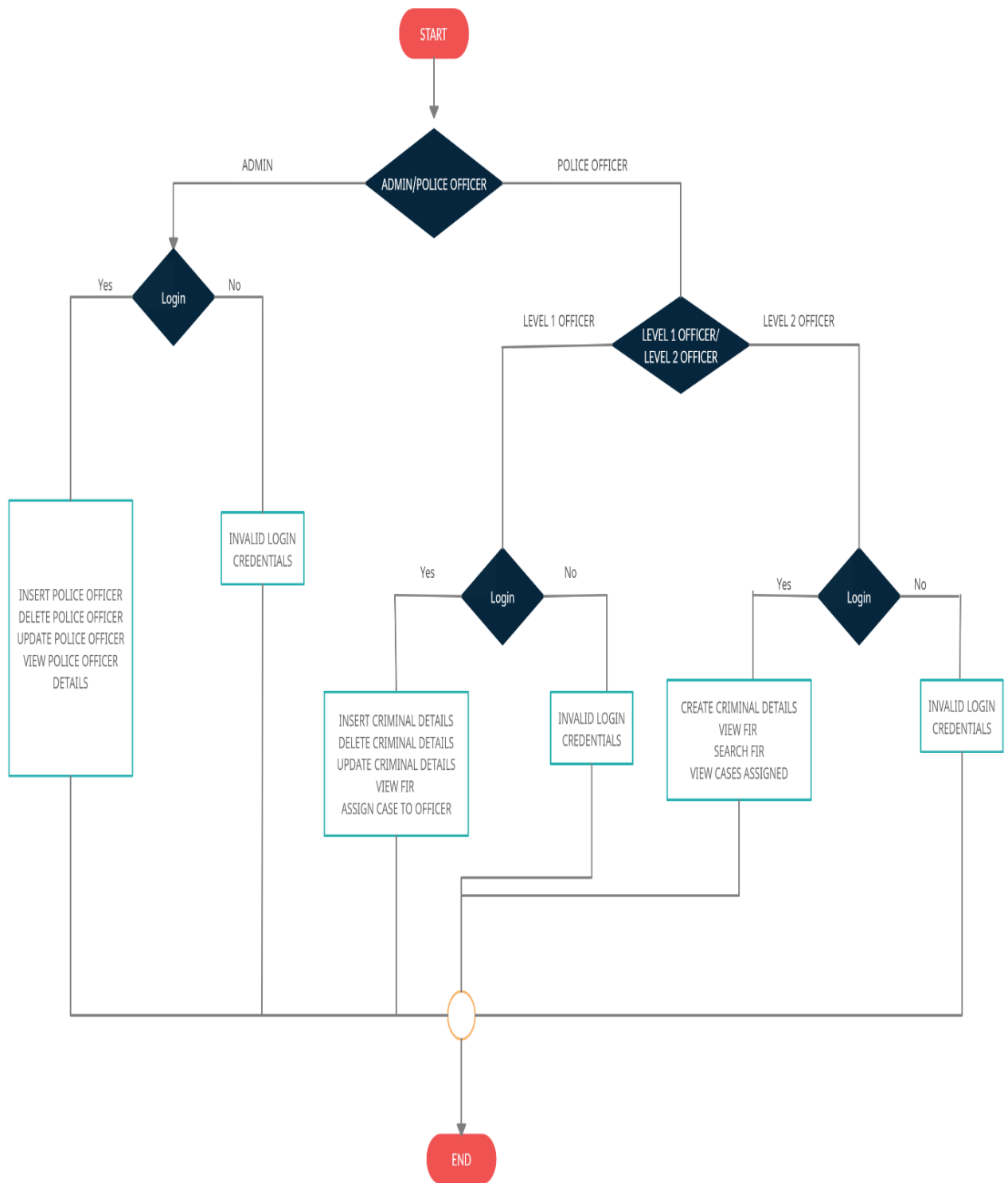
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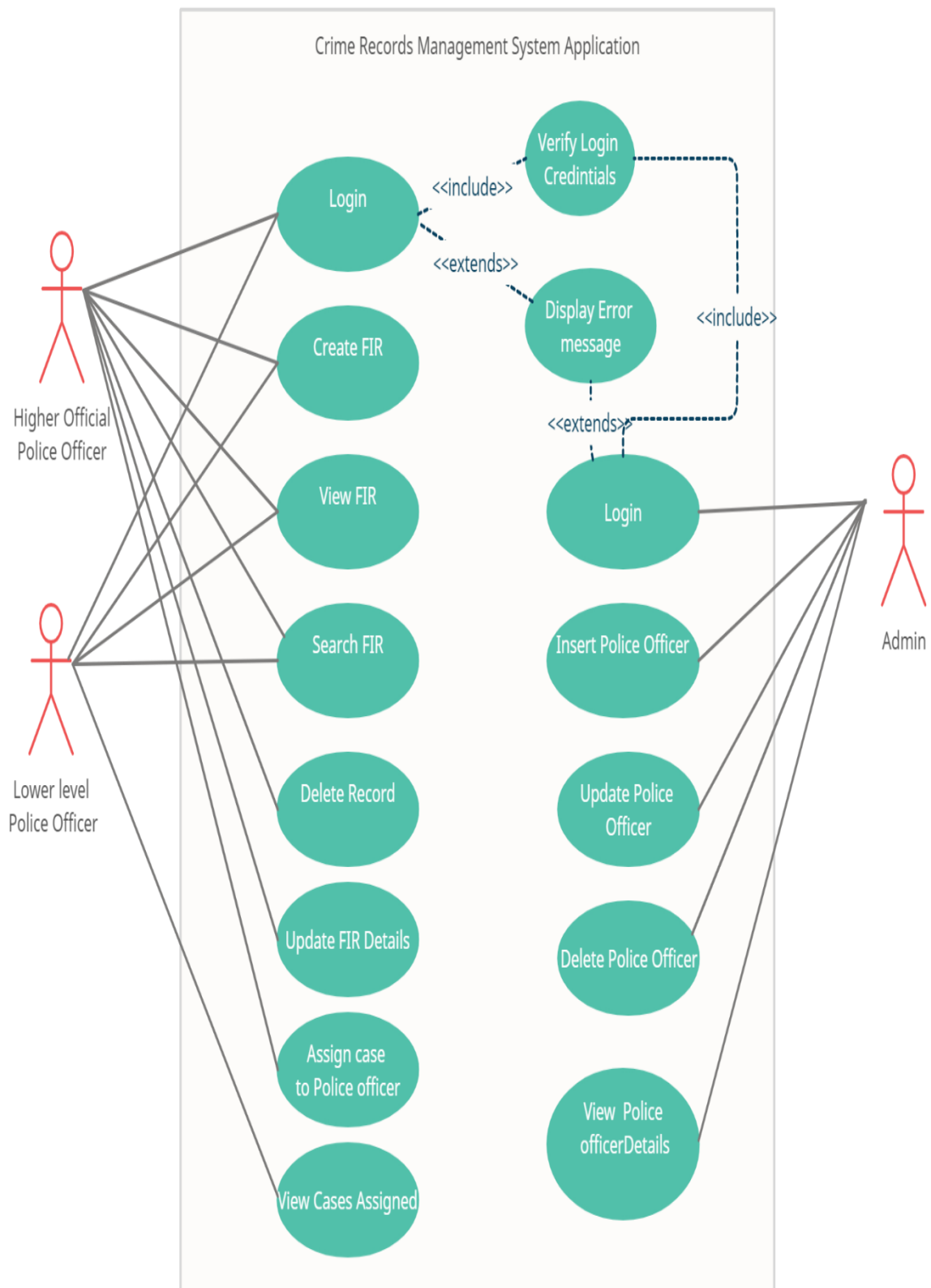
**ABSTRACT :**

        The project is aimed to develop a crime file for maintaining a computerized record of all the F.I.R against crime .The system is desktop application that can be access throughout the police department. This system can be used as an application for the crime file of the police department to manage the records of different activity of related to first information report. In such desktop Crime file system we will manage all activities like registration of the complaint updating information, search of particular viewing of the respective reports of crimes that will save time and manpower. This software is for police station which provides facility for reporting crimes, complaints, FIR, charge sheet, prisoner records, and show most wanted criminal's details. This system will provide better prospective for the enhancement of organization regarding to quality and transparency.

        In the existing system people who want to file a complaint must go to the police station all by themselves which is time consuming. Police usually maintain records manually which is again time consuming and it is difficult to manage those
records. There can be loss of records and important crimes issued which needs to be solved quickly may get delayed. Major limitations are Time consuming, paper
work needed,  of records, Information about criminals and common people are not properly maintained. So this project will help them a lot.

**FLOWCHART :**

START

ADMIN/POLICE OFFICER

ADMIN

POLICE OFFICER

Login

Yes

No

LEVEL 1 OFFICER/
LEVEL 2 OFFICER

LEVEL 1 OFFICER

LEVEL 2 OFFICER

INSERT POLICE OFFICER
DELETE POLICE OFFICER
UPDATE POLICE OFFICER
VIEW POLICE OFFICER
DETAILS

INVALID LOGIN
CREDENTIALS

Login

Yes

No

Login

Yes

No

INSERT CRIMINAL DETAILS
DELETE CRIMINAL DETAILS
UPDATE CRIMINAL DETAILS
VIEW FIR
ASSIGN CASE TO OFFICER

INVALID LOGIN
CREDENTIALS

CREATE CRIMINAL DETAILS
VIEW FIR
SEARCH FIR
VIEW CASES ASSIGNED

INVALID LOGIN
CREDENTIALS

END

**UML DIAGRAM(Use Case Diagram):**

Crime Records Management System Application

Higher Official Police Officer

Lower level Police Officer

Admin

Login

Create FIR

View FIR

Search FIR

Delete Record

Update FIR Details

Assign case to Police officer

View Cases Assigned

Verify Login Credintials

Display Error message

Login

Insert Police Officer

Update Police Officer

Delete Police Officer

View Police officerDetails

<<include>>

<<extends>>

<<include>>

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# CLASS DIAGRAM:-

## MODULE DESCRIPTION
The modules involved are:
1. Admin Module
2. Police officer level-1 module
3. Police officer level-2 module

### 1.ADMIN MODULE
This module contains following operations performed by admin:

**1.1 Insert police details**
Through this module the admin can add police information which contains
Police officer name, id, password, designation, age, phone number, station.

**1.2 Delete police details**
In this module the admin can delete police officer details which was inserted.

**1.3 Update police details**
In this module the admin can update particular data of police
officer.

**1.4 View police details**
Through this module the admin can view all the police officer details which are
Stored in the database.

### 2.HIGHER OFFICIAL POLICE OFFICER MODULE (LEVEL-1 OFFICER)

This module contains following operations performed by higher official officer:

**2.1 File a FIR:**
Through this module the police officer can enter the crime details such as date,
station name, fir number, crime location, name of the accused, name of applicant, phone
number of applicant, address of applicant, complaint status into FIR and store it in the
database.

**2.2 Delete FIR records:**
This allows the Higher official police officer to delete the unwanted
FIRs filed using the FIR number.

**2.3 Update FIR details:**
In this service the Higher official police can Update or alter the details of the FIR

and close the pending cases.

2.4 View FIR
    In this module police officer can view the complete details of all the FIRs
Stored in the database.

2.5 Search for FIR
    In this module the police officers can search the particular FIR on the Specified
Date, FIR Number and location.

2.6 Assign pending cases:
    In this module higher official police officer can assign case to lower-level police
officer.

## 3. LOWER-LEVEL POLICE OFFICER MODULE (LEVEL-2 OFFICER)

This module contains following operations performed by lower-level officer:

3.1 File a FIR
Through this module level-1 police officer can insert criminal details such as arrested date,
station name, fir number, location at where the criminal was arrested, name of the criminal,
name of applicant, phone number of applicant, address of applicant, complaint status.

3.3 View FIR
    In this module police officer can view the complete details of all the FIRs
Stored in the database.

3.4 Search FIR
    In this module the police officers can search the particular FIR on the Specified
Date, FIR Number and location.

3.5 View cases assigned:
    In this module the lower-level police officer can view assigned cases to him.

**WORK SPLITUP:**

1. **ADMIN MODULE**  – Menati Vasudeva reddy

2. **HIGHER LEVEL POLICE OFFICER MODULE** - Kishore, Prasanth

3. **LOWER-LEVEL POLICE OFFICER MODULE**  – Ramani Sankar, Ramachandran

4. **INTEGRATION -** Kishore

**5. TESTING -** Prasanth

# DATABASE DESIGN:-

### POLICE OFFICER

DETAILS
OFFICER NAME
OFFICER ID
OFFICER PASSWORD
DESIGNATION
AGE
PHONE NUMBER
STATION

### FIR DETAILS

DATE
STATION NAME
FIR ID
LOCATION
NAME OF COMPLAINANT
NAME OF ACCUSED
PLACE OF ACCURANCE
NAME OF APPLCANT
PHONE NUMBER OF
APPLICANT
ADDRESS OF APPLICANT
COMPLAINT STATUS

### CASES ASSIGNED

DETAILS
OFFICER NAME
OFFICER ID
FIR ID
ASSIGNED DATE
STATUS

### ADMIN DETAILS

ADMIN NAME
ADMIN PASSWORD
AGE
MOBILE NUMBER
DESIGNATION