COVER PAGE

Software Development Project-I

On

"E Police Station"

In Partial Fulfillment of the requirements for the Bachelor of Computer Applications (B.C.A.)

Developed By
(Group No.: 38)

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(Semester-V Bachelor of Computer Applications)

TOPS Technologies
Training - Outsourcing - Placement services

Certificate

Date: 23/11/2020

This is to certify that **Mr. Neel Philips** , **Mr. Aaditya Hable** from the Department of Computer Sciences, St. Xavier's College (Autonomous) of BCA Semester-V have successfully completed their project work as a trainee for the current semester of the academic year 2020-2021 , for the project title "**E - Police Station**".

As part of the project, till now they have completed following tasks under our company guidance:

Required analysis for their Project

DFD/UML

ERD

Data Dictionary

During the project work they were found sincere and cooperative. We admire their enthusiasm and involvement in the project and hope that they will show the same enthusiasm in the coming semester.

Best Regards

Niral Modi
N. Modi
Manager

9974744222

COLLEGE CERTIFICATE

ST. XAVIER'S COLLEGE
(AUTONOMOUS)

Re-accredited with 'A' (CGPA 3.41 out of 4) by NAAC (3rd Cycle) | Affiliated to Gujarat University

CERTIFICATE

This is to certify that

HABLE AADITYA KENNETH

PHILIPS NEEL FRANKLIN

CHRISTIAN SHREYASH RAKESHBHAI

of Semester-V of Bachelor of Computer Applications,

of the Department of Computer Sciences have successfully

completed the project titled

"E Police Station"

as part of the curriculum of Software Development Project-I.

Internal Guide

Vice Principal

St. Xavier's College (Autonomous) * Ahmedabad-9 *

Date: 18 / 11 / 2020

Place: Ahmedabad

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ACKNOWLEDGEMENT

Acknowledgement

First and the foremost we would like to thank **Dr. (Fr.) Johnson Mundupuzhakal** Vice Principal (SF Courses) for giving us this opportunity to learn and provide us with facilities to complete the project. We concern ourselves lucky to have been exposed to the world of Artificial Intelligence.

Every successful project is the result of the support and guidance of many people. We have been very lucky to have such amazing guides who have enlightened our path and have led us to the successful completion of the first half of our project. First and foremost we would like to thank **St. Xavier's college** for giving us this opportunity to develop a project which not only will develop our skills but also will teach us a lot about ourselves in this journey.

We are sincerely thankful to our Internal Guide, **Ms. Khushboo Shah** for her constant help, stimulating suggestions and encouragement helped us in completing various phases of our project.

We are sincerely thankful to our External Guide, **Ms. Anjali Patel** for making sure that the right resources were available to us at the right time and for providing his valuable insights and guidance.

We, **Neel Philips** and **Aaditya Hable** the students of St. Xavier's College (Autonomous), are extremely grateful to "**TOPS Technologies**" for confidently entrusting us with the responsibility of the development and partial completion of the project "**E - Police Station**"

We would also like to heartily thank all the faculty members of Department of Computer Sciences, St. Xavier's College (Autonomous) for their timely advice and guidance without which this project would not have been possible.

Last but not the least, we also place our deep sense of gratitude to our family members and our friends who have been a constant source of inspiration and motivation during the completion of this project work so far.

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1. INTRODUCTION

E-police system is the process where police personnel need to access information and report incidents, accidents and crimes while out on the road and their reporting involves not only data but also live images and pictures. We have developed web application by which any one from his/her city can take help of police by using our web application .

In our Website we have five entities that is :-

- **Admin**
- **Commissioner**
- **Inspector**
- **Citizen**
- **Visitor**

In this Webapplication, Citizen can add a FIR/Complaint at his/her native police station online. Citizen can select any police station area wise and can get its information.

In this Webapplication, Citizen have to register themselves with appropriate details and have to login to add FIR/Complaint. Citizen can also view his/her F.I.R status or his/her Complaints details. Citizen have to view his/her F.I.R status using his/her F.I.R number.

Admin will take care of database. Admin will also add some information like Crime Category and its Sub Crime Category.

Citizen can upload Photo/Video for their proof purpose when registering their FIR/Complaint. In our web application Inspector have the right to delete the F.I.R and Complaints. Here , citizen will easily interact with our webapplication and easy to use it.

2. ORGANIZATION PROFILE

TOPS Stands for Training Outsourcing Placement Services. It's is the leading IT and Software Institute in India since 2008. It provides Job Oriented Training, Web and Mobile Design – Development with Testing & Support services along with other placement and recruitment services and solutions. With deep learning, TOPS offers the chance to work on real-time projects during the training course. It has an extensive and detailed work process.

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Address :- 905 , Samedh Complex , Near Associate petrol pump ,

near Maradia plaza , CG Road , Ahmedabad

Contact Details :-

Email :- inquiry@tops-int.com

Website:- www.tops-int.com

Mobile:- 9974755006

3. PROJECT PROFILE

3.1 EXISTING SYSTEM

There is an existing system of the government and we can't open that web application without the real F.I.R number. So we have made our own web application.

Basically, in our web application the citizen will register the F.I.R or complaint the F.I.R number and the Complaint number will always be unique. In our web application the citizen can use web application easily. And it's a user friendly web application. In our web application user can easily login by entering the appropriate details .

Citizen can easily add F.I.R by selecting the Crime Category and Sub Crime Category and can upload photos and videos for proof purpose and citizen can also add complaint in that he/she can upload photos and videos.

If the citizen wants to see his F.IR status he/she can easily go through that by just entering the F.I.R number. The citizen can also view the Complaint status.

Only Inspector can delete the F.I.R's and Complaint after the case is solved and Inspector can also view the F.I.R's and Complaint.

Commissioner will only view all the F.I.R's and Complaints of the citizen. All the users can add feedback and view their feedback. All the users can view the police stations.

3.2 PROPOSED SYSTEM

An online web application which will be benefit for the citizens. They don't have to rush in the police station for file a F.I.R or Complaint. Using our web application the citizen can easily add F.I.R/Complaint by selecting the crime category and sub crime category and by providing their appropriate details like their name, mobile number, email etc. Citizen can upload their photos and videos for proof purpose while registering the F.I.R.

It will concentrate on handling complaints, Prevention of crime by interconnection police information system by using technologies police stations in the country.

Using this web application information handling will be easy and fast and solving cases will be fast. This will be helpful.

The main idea for developing this project is to develop a online web application for improving complaint system through online for a police department.

This application will help citizens to file a complaint through website which will be time saving and fast problem solving method.

The visitor can only view the different type of rules and regulation and can view the client's feedback.

In our web application the Inspector will view all the F.I.R's and Complaints of citizen's and delete the F.I.R after the case is solved and as well as the Complaint when the complaint is solved. Commissioner will also view the F.I.R and Complaints of all the citizens.

The citizen can view their F.I.R status using their F.I.R number and can also view their Complaint's by just taping on view complaints.

Citizen, Commissioner, Inspector all of them can add their valuable feedback on our web application.

The system has mainly five entities: Admin, Commissioner, Inspector, Citizen and Visitor.

Admin:-

- Admin will login into the system.
- Admin will add the Commissioner and Inspector.
- Admin will manage the users.
- Admin will manage the Crime Category and Sub-crime category.
- Admin will manage the police station.

Commissioner:-

- Commissioner will login.
- Commissioner can view information of police station area wise.
- Commissioner can view F.I.R and Complaint.

Inspector:-

- Inspector will login by providing appropriate Username and Password.
- Inspector can view F.I.R and Complaint.
- Inspector can manage F.I.R and Complaint.

Citizen:-

- Citizen can register by providing required and appropriate details .
- Citizen can login by providing appropriate Username and Password.
- Citizen can add F.I.R and Complaint .
- Citizen can view their F.I.R status by using their F.I.R number .
- Citizen can view Complaint and Police Station.
- Citizen can give their feedback.
- Citizen can upload Video and Photo for proof purpose.

Visitor:-

- Visitor can view Rules and Regulation.
- Emergency Information

3.3 Development Tools and Technology Used

- **Web Application using Python(Django)**

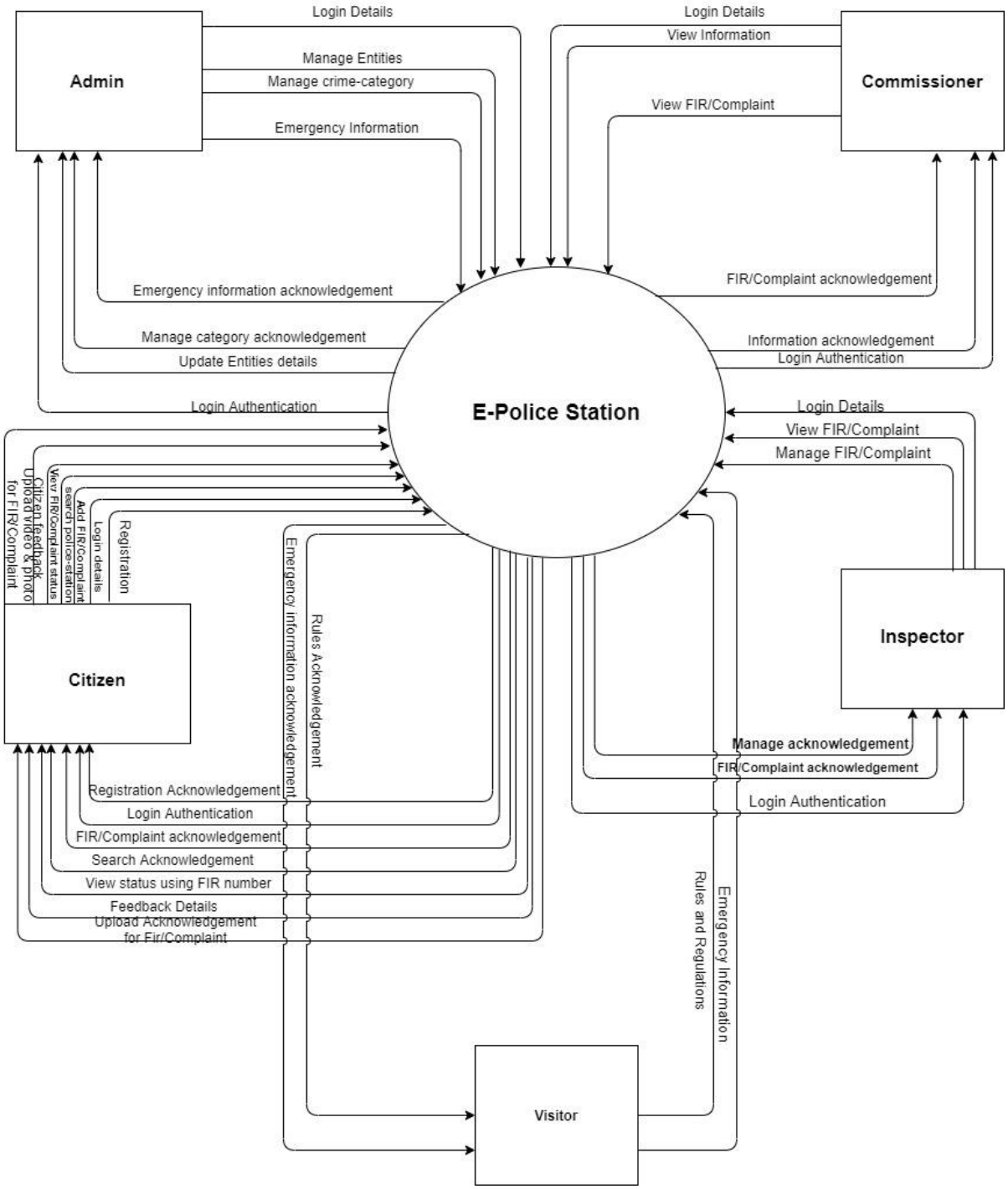
- **Framework:- Django-3.0**
- **Front End :- HTML , CSS , JAVASCRIPT**
- **Back End :- SqLite version 3.32.2 , Mysql (SqlYog Ultimate – My sql GUI v11.11)**

Windows :- 64-bit

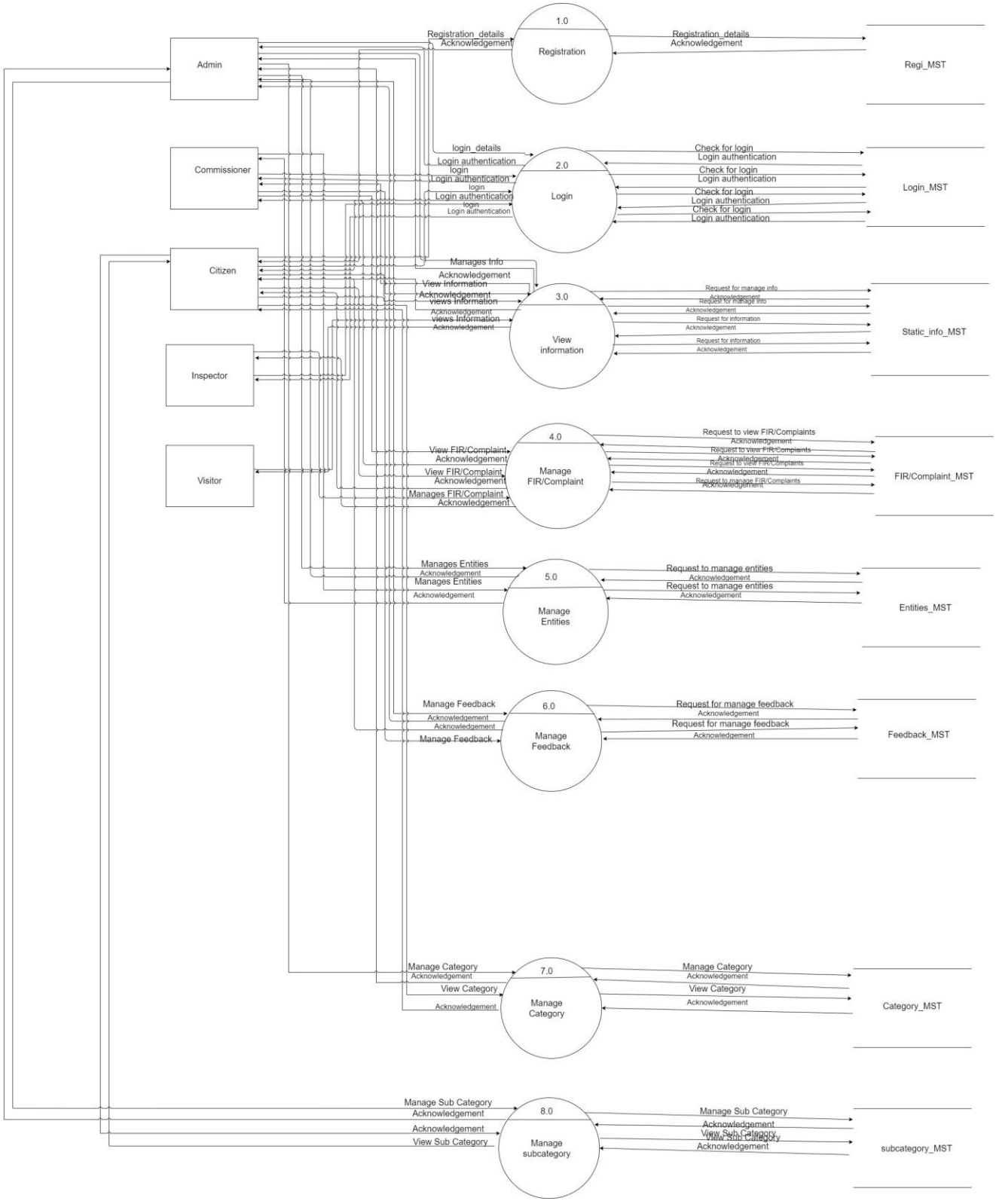
- **Presentation Tool:- Microsoft PowerPoint 2010**
- **DrawingTool:-Draw.io**

4. Data Flow Diagram

4.1 Context Level:-

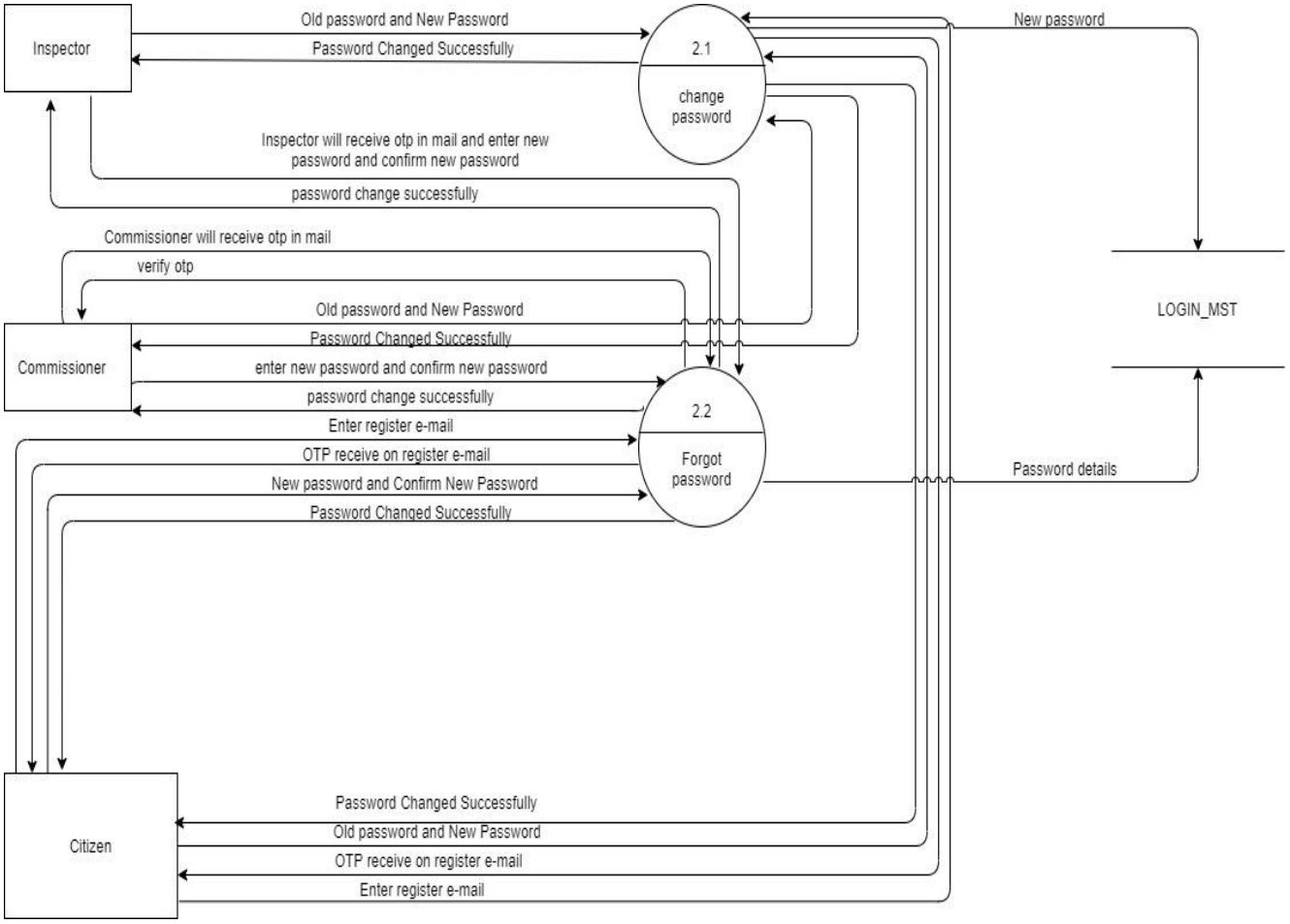


4.2 LEVEL 1

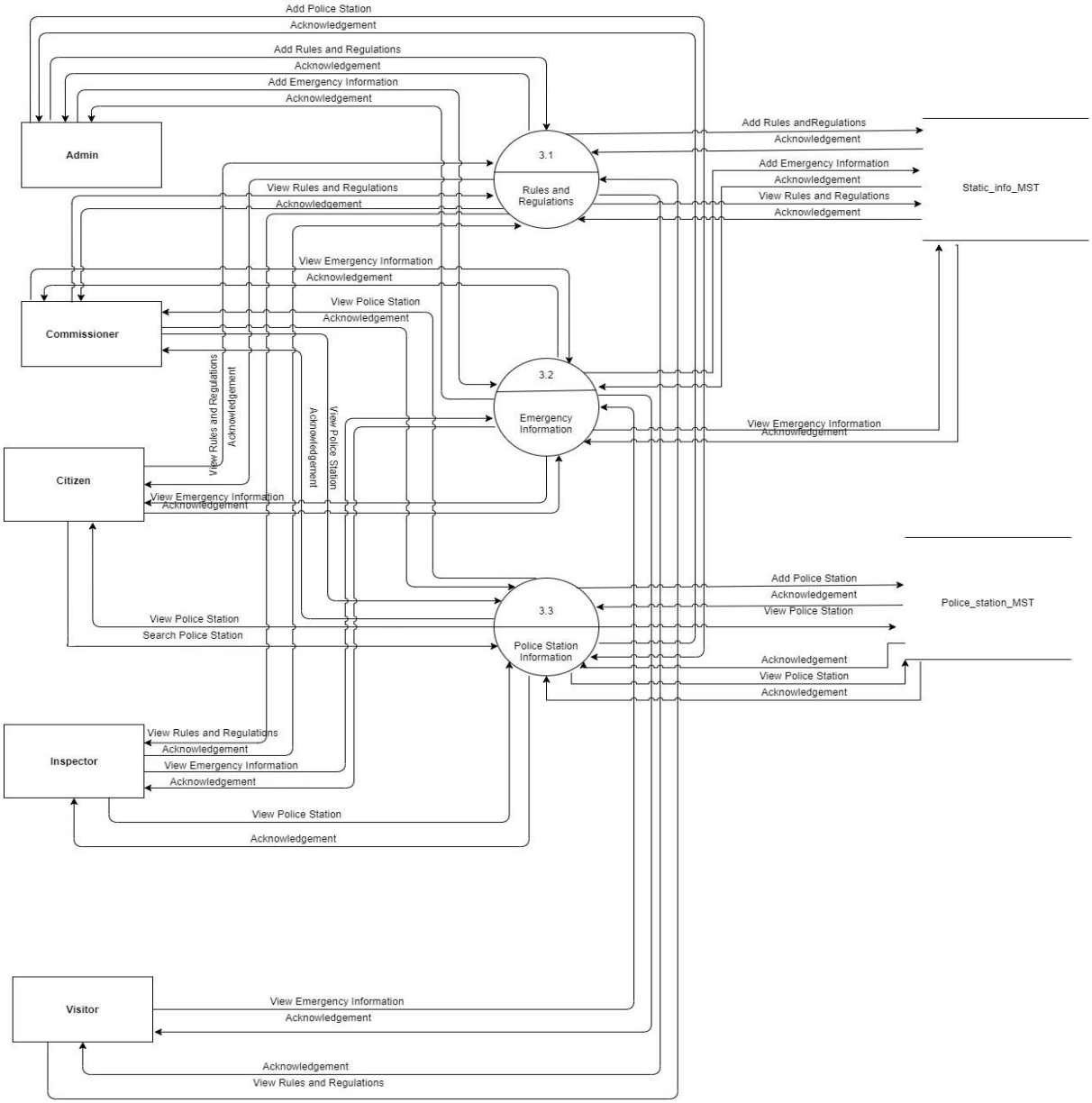

Admin
Commissioner
Citizen
Inspector
Visitor
1.0
Registration
Registration_details
Acknowledgement
Regi_MST
2.0
Login
login_details
Login authentication
login
Check for login
Login_MST
3.0
View information
Manages Info
Acknowledgement
View Information
views Information
Request for manage info
Request for information
Static_info_MST
4.0
Manage FIR/Complaint
View FIR/Complaint
Manages FIR/Complaint
Request to view FIR/Complaints
Request to manage FIR/Complaints
FIR/Complaint_MST
5.0
Manage Entities
Manages Entities
Request to manage entities
Entities_MST
6.0
Manage Feedback
Request for manage feedback
Feedback_MST
7.0
Manage Category
View Category
Category_MST
8.0
Manage subcategory
Manage Sub Category
View Sub Category
subcategory_MST

4.3 LEVEL 2

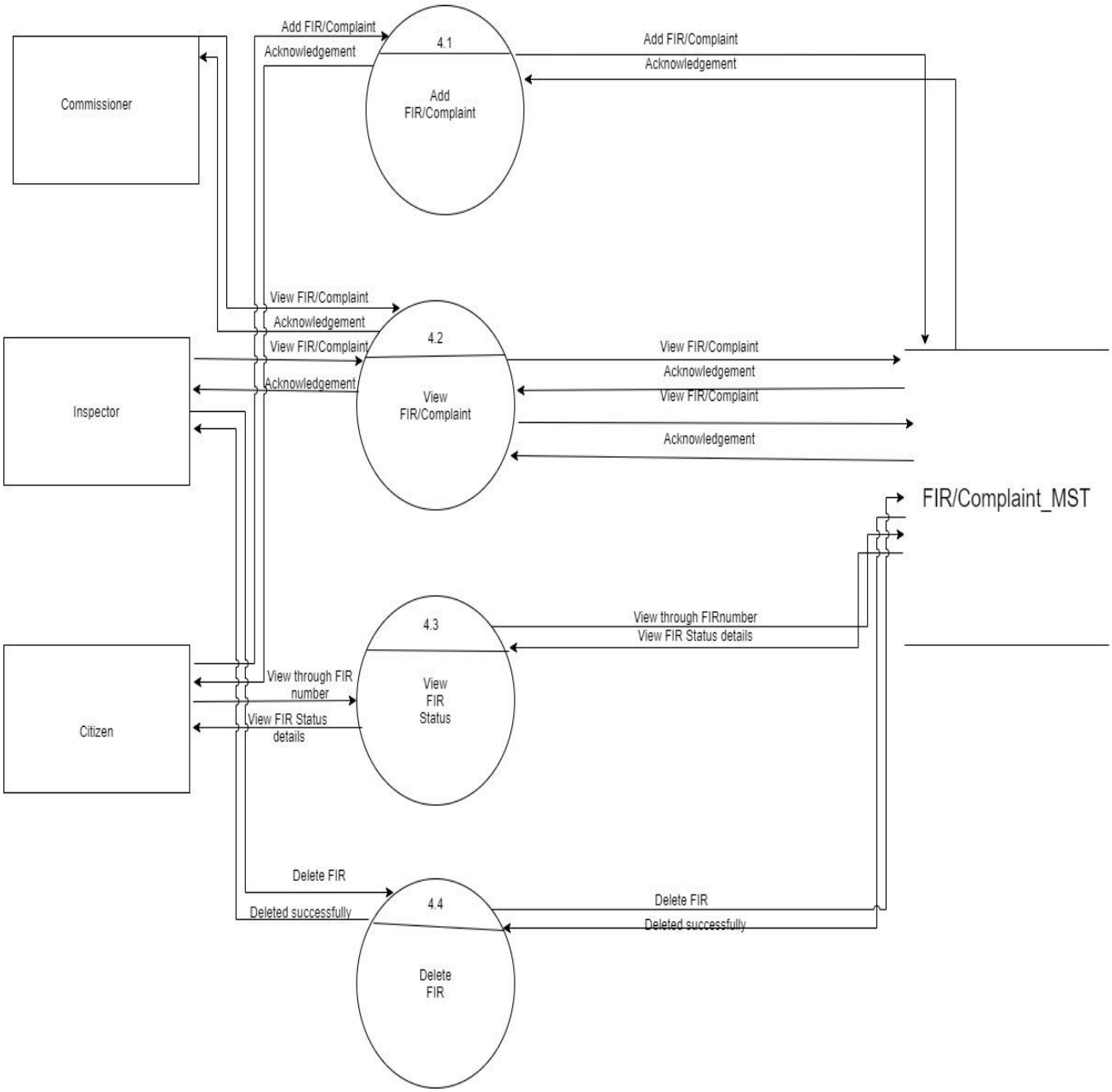
4.3.1 LOGIN (2.0):-



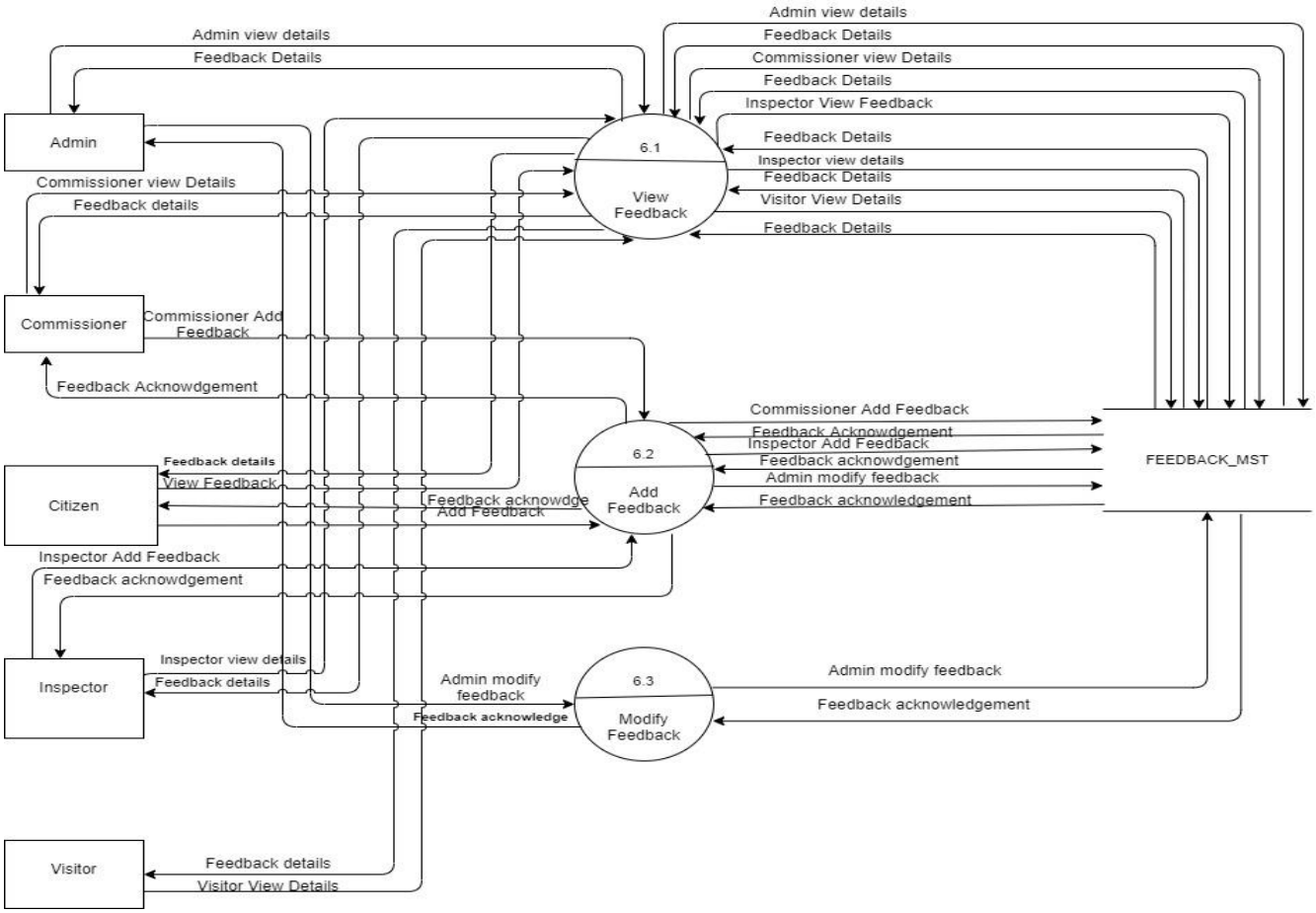
4.3.2 VIEW INFORMATION (3.0):-



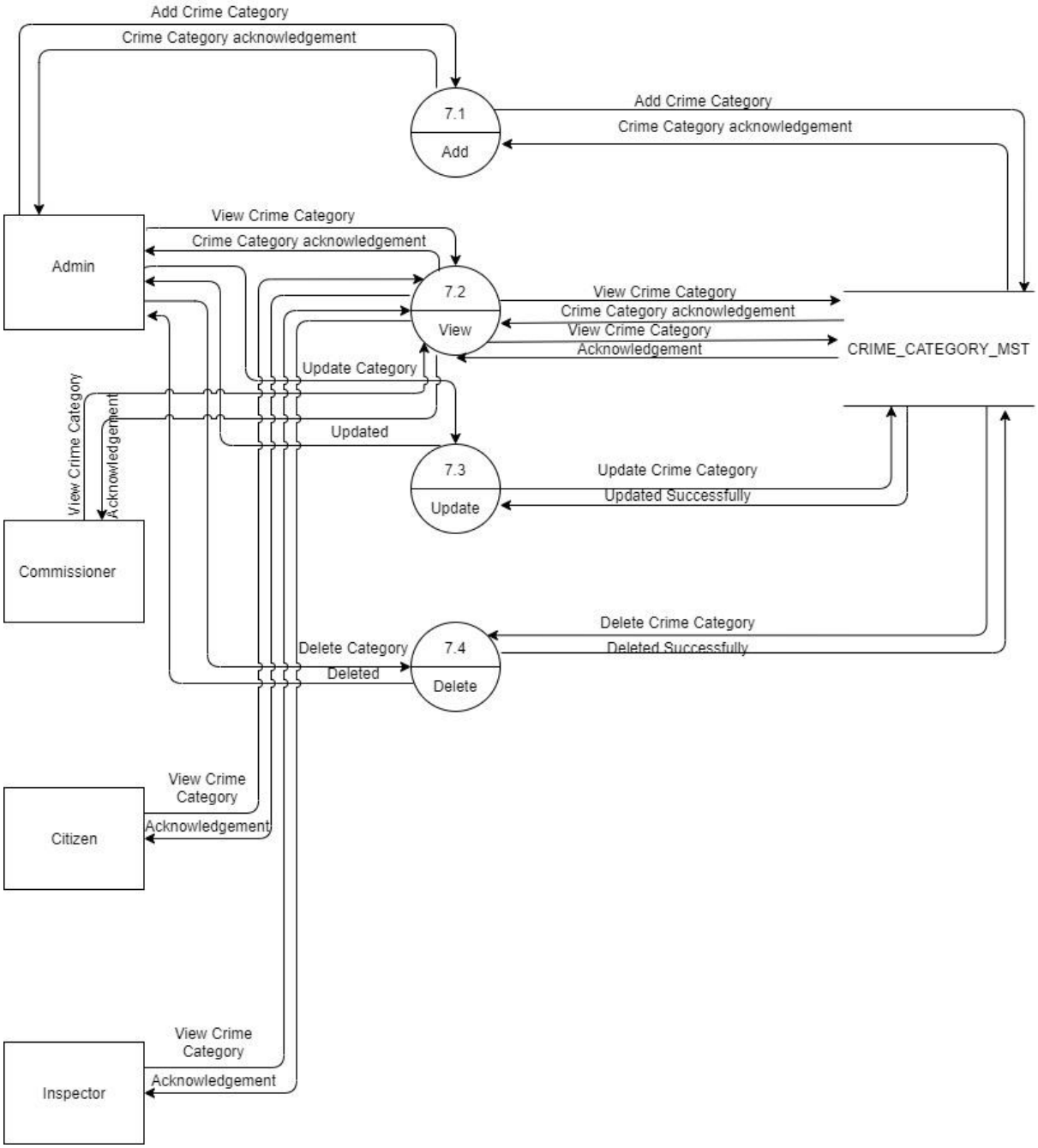
4.3.3 MANAGE F.I.R/COMPLAINT (4.0):-



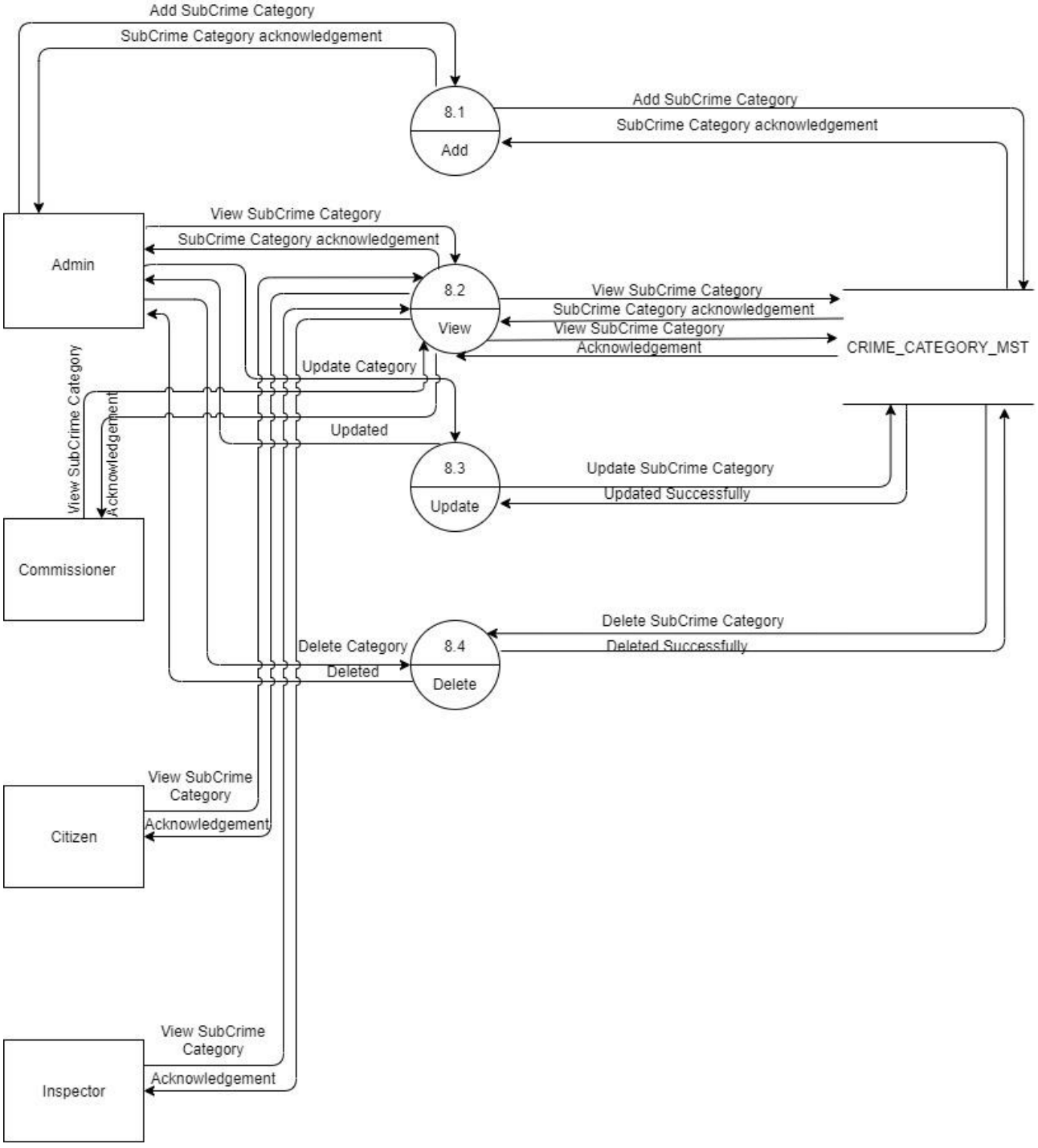
4.3.4 MANAGE FEEDBACK (6.0):-



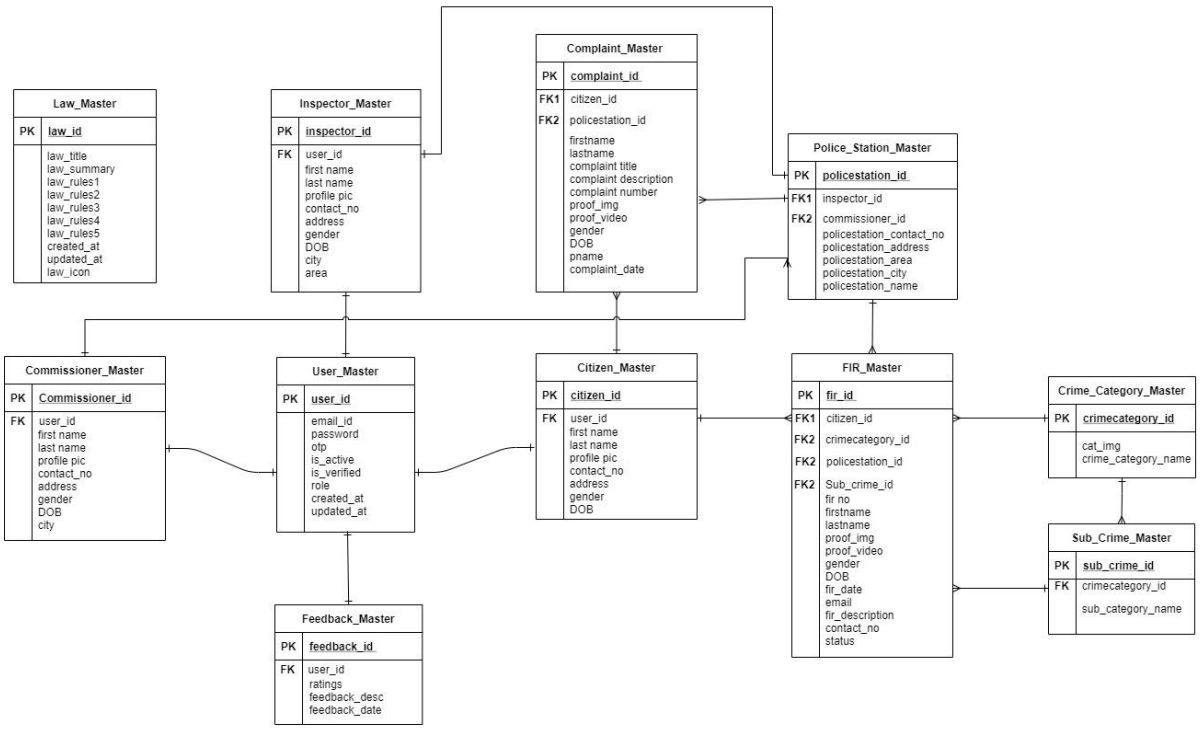
4.3.5 MANAGE CRIME CATEGORY (7.0):-



4.3.6 MANAGE SUB-CRIME CATEGORY (8.0):-



5. ENTITY RELATIONSHIP DIAGRAM:-



6. DATA DICTIONARY

6.1 Table Name:- USER_MST

Table Description:- This table will store the details of all the users. Like the Admin , Commissioner , Inspector , Citizen and the details of them like email id, password etc. The USER_ID is the primary key of the user table.

FIELDNAME	DATATYPE	SIZE	CONSTRAINT	DESCRIPTION
USER_ID	NUMBER	05	PRIMARY KEY	STORES A KEY THAT UNIQUELY IDENTIFIES THE USERS.
EMAIL	VARCHAR	200	UNIQUE	STORES USER EMAIL
PASSWORD	VARCHAR	20	NOT NULL	STORES USER PASSWORD
OTP	INTEGER	4	NOT NULL	STORES OTP OF USERS
IS_ACTIVE	BOOLEAN	20	NOT NULL	STORES THE ACTIVE USER
IS_VERIFIED	BOOLEAN	20	NOT NULL	STORES THE VERIFIED USER
ROLE	VARCHAR	20	NOT NULL	STORES THE ROLE OF USER
CREATED_AT	DATETIME	10	NOT NULL	STORES THE DATE AND TIME WHEN THE USER IS CREATED

UPDATED_AT	DATETIME	10	NOT NULL	STORES THE DATE AND TIME WHEN THE USER IS UPDATED

6.2 Table Name:- CITIZEN_MST

Table Description:- This table will store the details of all the Citizens. It will contain the details likeFirstname, Lastname, Profile pic, Contact number, Address, Gender, Date of Birth. CITIZEN_ID is the primary key of citizen table and the USER_ID which is the foreign key in Citizen table.

FIELDNAME	DATATYPE	SIZE	CONSTRAINT	DESCRIPTION
CITIZEN_ID	NUMBER	05	PRIMARY KEY	STORES A KEY THAT UNIQUELY IDENTIFIES THE CITIZEN.
USER_ID	NUMBER	05	FOREIGN KEY	STORES THE REFERENCE TO THE CITIZEN FROM THE USER_ID
FIRSTNAME	CHAR	50	NOT NULL	STORES THE FIRSTNAME OF CITIZEN
LASTNAME	CHAR	50	NOT NULL	STORES THE LASTNAME OF CITIZEN
PROFILE_PIC	FILE		DEFAULT	STORES THE PROFILE PHOTO OF CITIZEN
CONTACT_NO	NUMBER	10	NOT NULL	STORES THE CONTACT_NO OF CITIZEN
ADDRESS	VARCHAR	500	NOT NULL	STORES THE ADDRESS OF THE

				CITIZEN
GENDER	CHAR	10	NOT NULL	STORES THE GENDER OF THE CITIZEN
DOB	DATE		NOT NULL	STORE A DOB OF CITIZEN

6.3 TABLE NAME:-COMMISSIONER_MST

Table Description:- This table stores the details of the Commissioner. It will contain the details like Firstname, Lastname, Profile pic, Contact number, Address, Gender, Date of Birth, City. The COMMISSIONER_ID is the primary key and the USER_ID which is the foreign key in Commissioner table.

FIELDNAME	DATATYPE	SIZE	CONSTRAINT	DESCRIPTION
COMMISSIONER_ID	NUMBER	05	PRIMARY KEY	STORES A KEY THAT UNIQUELY IDENTIFIES THE COMMISSIONER.
USER_ID	NUMBER	05	FOREIGN KEY	STORES THE REFERENCE TO THE COMMISSIONERFROM THE USER_ID
FIRSTNAME	CHAR	50	NOT NULL	STORES THE FIRSTNAME OF THE COMMISSIONER
LASTNAME	CHAR	50	NOT NULL	STORE THE LASTRNAME OF THE COMMISSIONER.
PROFILE_PIC	FILE		DEFAULT	STORE THE PROFILE PHOTO OF COMMISSONER
CONTACT_NO	NUMBER	10	NOT NULL	STORE THE CONTACT NO OF COMMISSIONER
ADDRESS	VARCHAR	500	NOT NULL	STORES THE ADDRESS OF THE COMMISSIONER

GENDER	CHAR	10	NOT NULL	STORE THE GENDER OF COMMISSIONER
DOB	DATE		NOT NULL	STORE THE DOB OF THE COMMISSIONER
CITY	VARCHAR	50	NOT NULL	STORE THE CITY OF THE COMMISSIONER

6.4 TABLE NAME:- INSPECTOR_MST

Table Description:- This table will store the details of the Inspector . It will contain the details like Firstname, Lastname, Profile pic, Contact number, Address, Gender, Date of Birth, Area. The INSPECTOR_ID is the primary key and the USER_ID which is the foreign key in Inspector table.

FIELDNAME	DATATYPE	SIZE	CONSTRAINT	DESCRIPTION
INSPECTOR_ID	NUMBER	05	PRIMARY KEY	STORES A KEY THAT UNIQUELY IDENTIFIES THE INSPECTOR.
USER_ID	NUMBER	05	FOREIGN KEY	STORES THE REFERENCE TO THE INSPECTOR FROM THE USER_ID
FIRSTNAME	CHAR	50	NOT NULL	STORES THE FIRSTNAME OF THE INSPECTOR
LASTNAME	CHAR	50	NOT NULL	STORE THE LASTNAME OF THE INSPECTOR
PROFILE_PIC	FILE		DEFAULT	STORE THE PROFILE PIC
CONTACT_NO	NUMBER	10	NOT NULL	STORE THE CONTACT NO OF INSPECTOR
ADDRESS	VARCHAR	500	NOT NULL	STORE THE ADDRESS OF THE INSPECTOR

GENDER	CHAR	10	NOT NULL	STORES GENDER
DOB	DATE		NOT NULL	STORES DOB
AREA	VARCHAR	50	NOT NULL	STORES AREA OF INSPECTOR

6.5 TABLE NAME:- LAW_MST

Table Description:- This table will store the details of the Laws . It will contain the details like LAW_TITLE, LAW_SUMMARY, LAW_RULES1 to LAW_RULES5, LAW_ICON.

FIELDNAME	DATATYPE	SIZE	CONSTRAINT	DESCRIPTION
LAW_TITLE	VARCHAR	50	NOT NULL	STORE THE LAW TITLE
LAW_SUMMARY	VARCHAR	500	NOT NULL	STORES THE LAW SUMMARY
LAW_RULES1	VARCHAR	200	NOT NULL	STORES THE RULES1
LAW_RULES2	VARCHAR	200	NOT NULL	STORES THE RULE 2
LAW_RULES3	VARCHAR	200	NOT NULL	STORES THE RULE 3
LAW_RULES4	VARCHAR	200	NOT NULL	STORE THE RULE 4
LAW_RULES5	VARCHAR	200	NOT NULL	STORE THE RULE 5
CREATED_AT	DATETIME		NOT NULL	STORE WHEN THE LAW IS CREATED
UPDATED_AT	DATETIME		NOT NULL	STORE WHEN THE LAW IS UPDATED

LAW_ICON	CHAR	10	NOT NULL	STORE THE LAW ICON

6.6 TABLE NAME:- CRIME_CATEGORY_MST

Table_Description:- This table will store the details of the CRIME_CATEGORY . It will contain the details of CRIME_CATEGORY like CRIME_CATEGORY_NAME, CRIME_CATEGORY_IMG. And the citizen will select the crime category before registering an F.I.R.

FIELDNAME	DATATYPE	SIZE	CONSTRAINT	DESCRIPTION
CRIME_ID	NUMBER	10	PRIMARY KEY	STORES A KEY THAT UNIQUELY IDENTIFIES THE CRIME CATEGORY.
CRIME_CATEGORY_NAME	VARCHAR	50	NOT NULL	STORES THE CRIME CATEGORY NAME
CRIME_CATEGORY_IMG	FILE		NOT NULL	STORES THE CRIME CATEGORY IMAGE.

6.7 TABLE NAME:- SUB_CRIME_CATEGORY_MST

Table Description:- This table will store the details of the SUB_CRIME_CATEGORY . It will contain the details of SUB_CRIME_CATEGORY like SUB_CRIME_CATEGORY_NAME. And the citizen will select the crime category before registering an F.I.R and after selecting the crime category citizen will select the sub crime category.

FIELDNAME	DATATYPE	SIZE	CONSTRAINT	DESCRIPTION
SUB_CRIME_ID	NUMBER	10	PRIMARY KEY	STORES A KEY THAT UNIQUELY IDENTIFIES THE SUB-CRIME CATEGORY.
SUB_CRIME_CATEGORY_NAME	VARCHAR	50	NOT NULL	STORES THE SUB CRIME CATEGORY NAME

6.8 TABLE NAME:- COMPLAINT_MST

Table Description:- This table will store the details of the Complaint table . It will contain the details like Firstname, Lastname, Complaint Title, Complaint Name, Proof Image, Proof Video, Date of Birth, Policestation name, Complaint Date, Gender. The COMPLAINT_ID is the primary key and the CITIZEN_ID, POLICESTATION_ID which is the foreign key in Complaint table.

FIELDNAME	DATATYPE	SIZE	CONSTRAINT	DESCRIPTION
COMPLAINT_ID	NUMBER	05	PRIMARY KEY	STORES A KEY THAT UNIQUELY IDENTIFIES THE COMPLAINT.
POLICESTATION_ID	NUMBER	05	FOREIGN KEY	STORES THE REFERENCE TO THE COMPLAINT FROM THE POLICESTATION_ID
CITIZEN_ID	NUMBER	05	FOREIGN KEY	STORES THE REFERENCE TO THE COMPLAINT FROM THE CITIZEN_ID
FIRSTNAME	CHAR	50	NOT NULL	STORES THE FIRSTNAME
LASTNAME	CHAR	50	NOT NULL	STORES THE LASTNAME
COMPLAINT_TITLE	VARCHAR	50	DEFAULT	STORE THE COMPLAINT TITLE

COMPLAINT_NO	NUMBER	100	NOT NULL	STORE THE COMPLAINT NO
PROOF_IMG	FILE		NOT NULL	STORES THE PROOF IMG
PROOF_VIDEO	FILE		NOT NULL	STORES THE PROOF VIDEO
DOB	DATE		NOT NULL	STORES THE DOB
PNAME	VARCHAR	100	NOT NULL	STORES THE POLICE STATION NAME
COMPLAINT_DATE	DATE	20	NOT NULL	STORES THE COMPLAINT DATE
GENDER	VARCHAR	10	NOT NULL	STORES THE GENDER

6.9 TABLE NAME:- POLICESTATION_MST

Table Description:- This table will store the details of the PoliceStation table . It will contain the details like POLICE_STATION_CONTACT_NO , POLICE_STATION_NAME , POLICE_STATION_CITY, POLICE_STATION_NAME, POLICE_STATION_ADDRESS ,POLICE_STATION_AREA. The POLICESTATION_ID is the primary key and the COMMISSIONER_ID and INSPECTOR_ID which is the foreign key in Policestation table.

FIELDNAME	DATATYPE	SIZE	CONSTRAINT	DESCRIPTION
POLICESTATION_ID	NUMBER	05	PRIMARY KEY	STORES A KEY THAT UNIQUELY IDENTIFIES THE POLICESTATION.
COMMISSIONER_ID	NUMBER	05	FOREIGN KEY	STORES THE REFERENCE TO THE POLICESTATION FROM THE COMMISSIONER_ID
INSPECTOR_ID	NUMBER	05	FOREIGN KEY	STORES THE REFERENCE TO THE POLICESTATION FROM THE INSPECTOR_ID
POLICE_STATION_CONTACT_NO	NUMBER	10	NOT NULL	STORES THE CONTACT NO OF POLICESTATION
POLICE_STATION_ADDRESS	VARCHAR	500	NOT NULL	STORES THE ADDRESS OF THE POLICESTATION
POLICE_STATION_AREA	VARCHAR	50	NOT NULL	STORES THE POLICESTATION

				AREA
POLICE_STATION_CITY	VARCHAR	50	NOT NULL	STORES THE POLICE STATION CITY
POLICE_STATION_NAME	VARCHAR	100	NOT NULL	STORE THE NAME OF THE POLICESTATION

6.10 TABLE NAME:- FIR_MST

Table Description:- This table will store the details of the Complaint table . It will contain the details like FIR NO. , Firstname, Lastname, Proof Image, Proof Video, Date of Birth, FIR Date, FIR Date, FIR description, Email, Contact No, Gender, Status. The FIR_ID is the primary key and the CITIZEN_ID, POLICESTATION_ID, CRIME_ID, SUBCRIME_ID which is the foreign key in Complaint table.

FIELDNAME	DATATYPE	SIZE	CONSTRAINT	DESCRIPTION
FIR_ID	NUMBER	5	PRIMARY KEY	STORES A KEY THAT UNIQUELY IDENTIFIES THE FIR.
CITIZEN_ID	NUMBER	5	FOREIGN KEY	STORES THE REFERENCE TO THE FIR FROM THE CITIZEN_ID
CRIME_ID	NUMBER	5	FOREIGN KEY	STORES THE REFERENCE TO THE FIR FROM THE CRIME_ID
POLICESTATION_ID	NUMBER	5	FOREIGN KEY	STORES THE REFERENCE TO THE FIR FROM THE POLICESTATION_ID
SUBCRIME_ID	NUMBER	5	FOREIGN KEY	STORES THE REFERENCE TO THE FIR FROM THE SUBCRIME_ID
FIR_NO	VARCHAR	100	NOT NULL	STORE THE FIR NO.
FIRSTNAME	VARCHAR	50	NOT NULL	STORES THE FIRSTNAME

LASTNAME	VARCHAR	50	NOT NULL	STORES THE LASTNAME
PROOF_IMG	FILE		NULL	STORE THE PROOF IMAGE OF FIR
PROOF_VIDEO	FILE	50	NULL	STORE THE PROOF VIDEO OF FIR
GENDER	VARCHAR	10	NOT NULL	STORE THE GENDER
DOB	DATE	10	NOT NULL	STORE THE DOB
FIR_DATE	DATETIME	10	NOT NULL	STORE THE FIR_DATE
EMAIL	VARCHAR	50	UNIQUE	STORE THE EMAIL
FIR_DESCRIPTION	VARCHAR	50	NOT NULL	STORE THE DESCRIPTION
CONTACT_NO	VARCHAR	10	NOT NULL	STORE THE CONTACT_NO
STATUS	VARCHAR	10	NOT NULL	STORE THE FIR_STATUS

6.11 TABLE NAME:- FEEDBACK_MST

Table Description:- This table will store the details of the Feedback . It will contain the details like Ratings , Feedback Description, Feedback Date. The FEEDBACK_ID is the primary key and the USER_ID, CITIZEN_ID which is the foreign key in Feedback table.

FIELDNAME	DATATYPE	SIZE	CONSTRAINT	DESCRIPTION
FEEDBACK_ID	NUMBER	5	PRIMARY KEY	STORES A KEY THAT UNIQUELY IDENTIFIES THE FEEDBACK.
USER_ID	NUMBER	5	FOREIGN KEY	STORES THE REFERENCE TO THE FEEDBACK FROM THE USER_ID
CITIZEN_ID	NUMBER	5	FOREIGN KEY	STORES THE REFERENCE TO THE FEEDBACK FROM THE CITIZEN_ID
RATINGS	INTEGER	10	NOT NULL	STORES THE RATINGS OF THE FEEDBACK
FEEDBACK_DESC	VARCHAR	100	NOT NULL	STORE THE FEEDBACK DESCRIPTION

FEEDBACK_DATE	DATETIME	10	NOT NULL	STORES THE FEEDBACK DATE.

7. Bibliography

Websites:-

https://youtu.be/PF40PTJxn4Q

Books:-

Magnifying Object-Oriented Analysis &

Design Publisher: PHI Learning Publication

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