Sahakar Maharshi Bhausaheb Santuji Thorat
College of Arts, Science & Commerce
Bahajan Hitaya Bahajan Sukhaya

A Project Report On

Crime Bureau Management System

Submitted by

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Under The Guidance Of

Prof.Dhage H.Y.

DEPARTMENT OF BBA [COMP. APPLICATION]

Tal- Sangamner-422 605 Dist- Ahmednagar
ACADEMIC YEAR 2017 -2018
SEMISTER VI

S.M.B.S.T.COLLEGE SANGAMNER

CERTIFICATE

This is certify that

MR. GOLE SUMIT SURESH
MR. GUNJAL BHUSHAN HARISHCHANDRA

Has Successfully Complete Their Project Work

On
Crime Bureau Mgt System

In Partial Fulfillments of the BBA[C.A.]

SAVITRIBAI PHULE PUNE UNIVERSITY
For the academic year
2017-2018

Prof. Dhage H.Y.   Prof. Kashid P. R.   Prof. Nawale S.D.

(Project Guide)   **(Head of Department)**   **(Vice-Principal)**

Internal Examiner   **External Examiner**

SAHAKAR MAHARSHI BHAUSAHEB SANTUJI THORAT

ARTS, SCIENCE AND COMMERCE COLLEGE SANGAMNER"
TAL. SANGAMNER-422 605 DIST. AHMEDNAGAR

2017-2018

PROJECT SUBMISSION

The Student of Final Year Course "Bachelor of Business Administration[C.A.] " Humbly Submitted that We have Completed from Time to Time Project Work as Described in the Report by our own Skill and Study between the December to March Months as per Guidance of   Prof. Dhage H.Y.

Date: /   / 2018

Name of Students: **Signature of Students**

Mr. Gole Sumit Suresh

Mr. Gunjal Bhushan Harishchandra

<u>ACKNOWLEDGEMENT</u>

It gives us great pleasure to present our project report on "Crime Bureau Management System" for Police Station. As per requirement of curriculum of the course BBA [COMPUTER APPLICATION] from the Savitribai Phule Pune University at the S.M.B.S.T. college.

First we heartly thankful to project conductor and guide Prof. Tambe D. for selecting this project and for his guidance and encouragement at every step in our way completing this project.

We would also like to thanks Mr. Sachin Varpe sir, Prof. Dhage Sir and Prof. Kashid sir H.O.D. of B.B.A.[C.A.] department of our college for giving us important guidance during Project.

Lastly we would like to thanks all the staff members of BBA [COMPUTER APPLICATION] Dept of S.M.B.S.T. College Sangamner for their help to provide information to complete this project.

We are grateful to my all friends who gave the valuable suggestion for development and designing of the system.

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INTRODUCTION

In this Project we are describing the Computerized system for "Crime Bureau". We had studied this system with respect to the criminal record. The "Crime Bureau Management System" is use to manage the criminal record and create the systematic presentation of the data into the system. It helps to generate the report of the criminal including all the necessary information about the criminal. Which help to reduce the paper work and to avoid the misuse of the data. The system provide all the computerize process which include all the operation.

The system has various modules that can describe the whole process which carried out in the criminal investigation process. This System provides feature of searching and tress the appropriate record. The searching module help to find any criminal record entry previously done or not using only name of person. If ones the record has successfully saved in the system can be access any number of time for the further investigation. It is helpful to decrease the effort of maintaining the record in the file.

PROBLEM DEFINATION

Whenever the Crime happen it is difficult to store all the necessary information related to Crime. Now days no. of crimes are frequently happen in city it is difficult to store all the information related to Criminal. Our system are design to store all the information about the crime & criminal. The Systematic data has been preserved, the data can access any no. of time.

Existing System :-

In the existing previous system the information are store in the register or return by hand. This drawback is overcome in our system.

Objectives and Goals :-

1. Assurance of No Misuses.

2. Provide Reliability.

3. Easy to Access.

4. Data Security.
5. Easy to Use.

SCOPE OF THE SYSTEM:-

1. This project is for maintaining the database which compose of the reports , documents and analysis.

2. This system contains the each process from the beginning also it is very time saving.

3. The proposed system invented to make working environment and simpler method.

4. It helps in solving all the hurdles and difficulties currently faced by police.

5. This proposed system is completely user friendly and else better to access.

6. There is no loss of information as all of stored in secured data base.

7. Reduction of paper work is accomplish.

HARDWARE AND SOFTWARE REQUIREMENTS

> ### SOFTWARE REQUIREMENTS:-

Software: - Microsoft Visual Studio 2008.
Backend: - SQL Server.

> ### HARDWARE REQUIREMENT:-

Minimum RAM:-512 MB
Hard Disk:-80 GB
Processor:-Intel Pentium, CORE i3, CORE i5
Operating System:-Windows 7

REQUIREMENT ANALYSIS

     Requirement analysis means identification & understanding & critically examines the system & its subsystem for purpose of achieving objectives for the system. The basic objectives of system analysis are to understand & modify the system in some way to improve the functioning.

1 . Details of Criminal and their type of Act .

2 . On one button click generate FIR Report & Criminal Report.

     The above information can be given to a high extend using the proposed project.

FEASIBILITY STUDY

The feasibility study is a process of evaluating and deciding whether the proposed system is feasible or not.
The feasibility study is carried out in the following aspects:-
1. Technical feasibility
2. Operational feasibility
3. Economical feasibility
4. System Analysis

- **Technical Feasibility:**

 The technical requirements of the system are Visual Basic Studio 2008 with Microsoft SQL server support. All the form now a day has this apability. Thus the Technical requirement of the project can be easily satisfied.

- **Operational Feasibility:**

 The system is very efficient for the organization. It saves their precious time and also the information can be accessed according to their convenience.

- **Economical Feasibility:**

 All the necessary hardware and software required for this system is easily available. No additional software or hardware is required. This system offers the following benefits:
    a. Reduced paper work
    b. Less chances of errors
    c. Easy of accessibility.

- **System Analysis**: -
 This phase is detail appraisal of the existing system. This appraisal includes how the system work & what it does. It also includes finding out in more details about what the system problems are, and what user requires from new system or any new change in system. After this phase analyst should be familiar with both the detail operation of the system & what is required by the new system.
 The output of this phase results the detail model of the system. The model describes the system function, data 7 system information flow. The phase also contain the detail set of user requirement & these requirements are used to set objective for the new system

SYSTEM DESIGN

After the analysis it must be clear what must be done. In system design, we plan how to do it. The objectives of the system design are to decide in general how the system should be implemented. Individual physical components, Program files, documents, will be identified. During the analysis we prepare a blue print for the system.
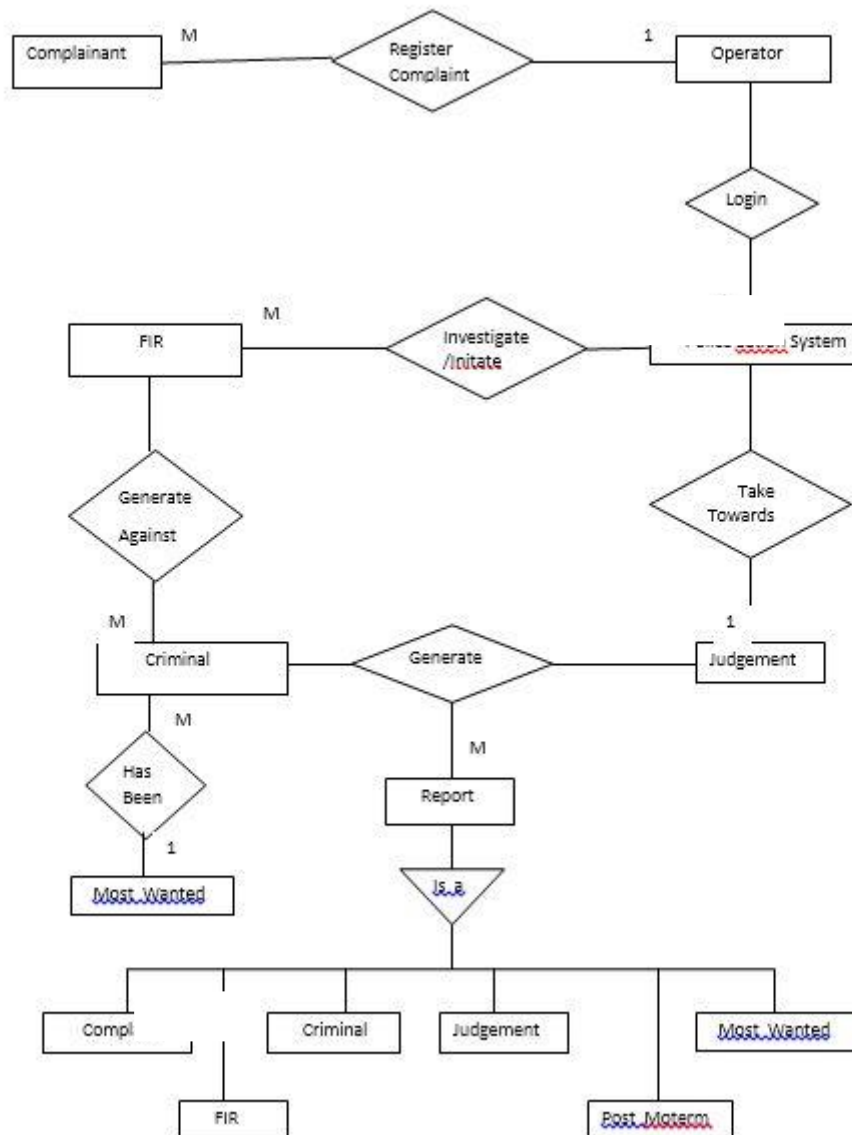
Actually, the system design is the process of planning a new business system or one to replace or complement an existing system. Analysis what the system should do and design specifies how to do and design specifies how to accomplish the objectives. System design begins with a search for alternative solution.

The design of an information system produces the details that state how a system will meet the requirements identified during system analysis. This process is known as the logical design and the process of development program software is referred to as physical design.
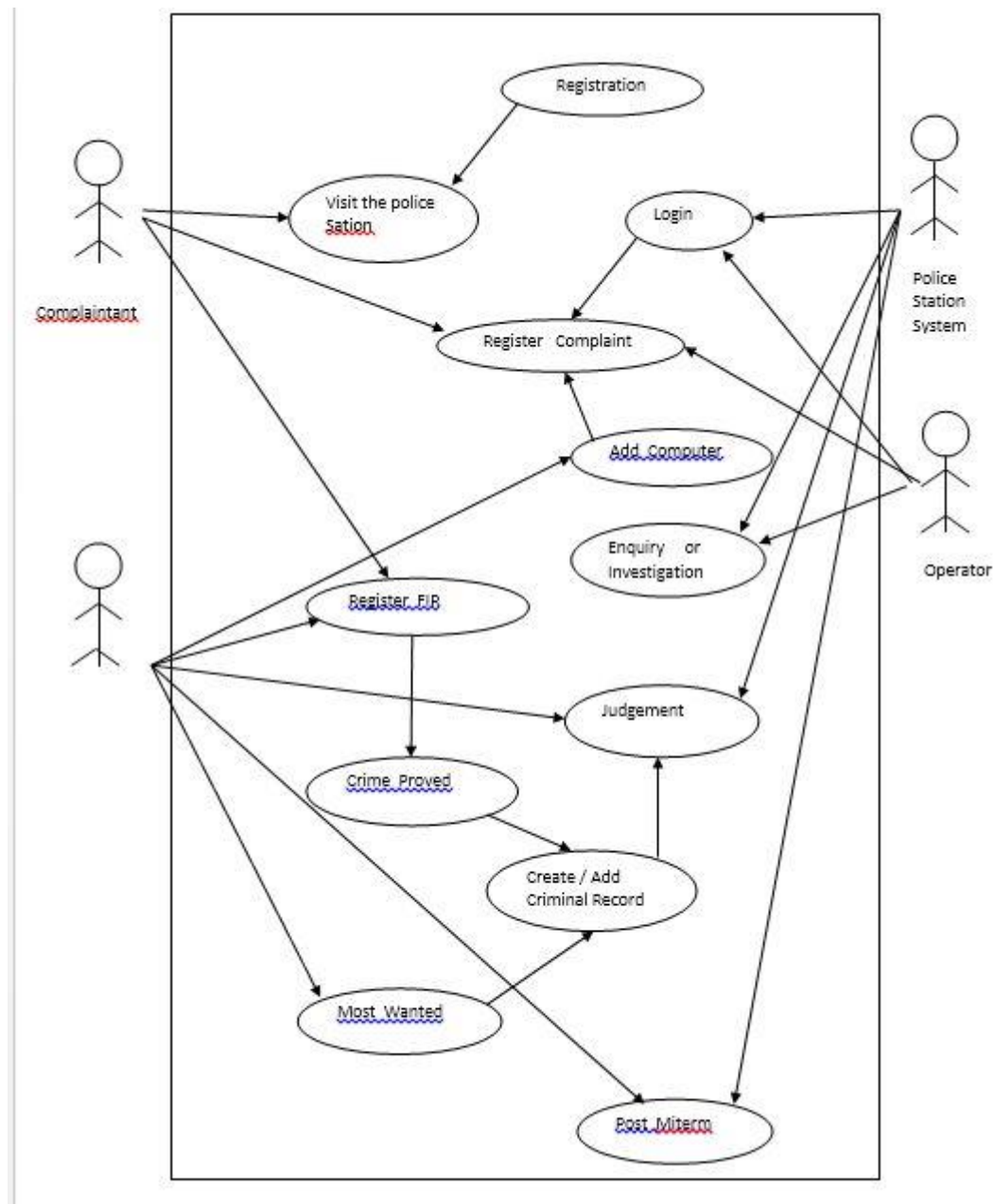
The design process begins by identifying reports and other outputs the system will produce. The system design also describes the data input, calculated or stored. The produces written tell how to process the data and produce the output.

ENTITY RELATIONSHIP DIAGRAM
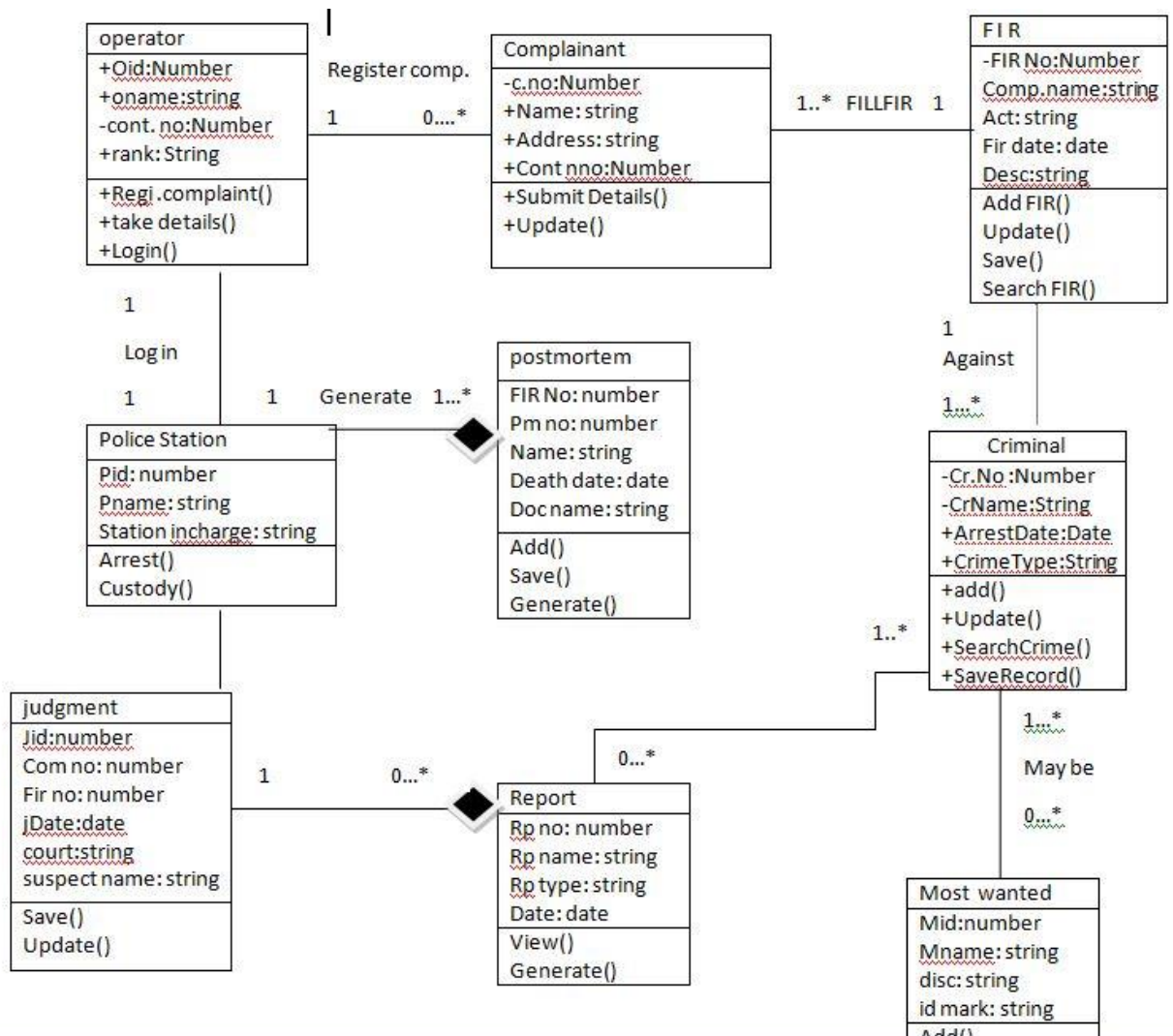
1) Use Case Diagram:-
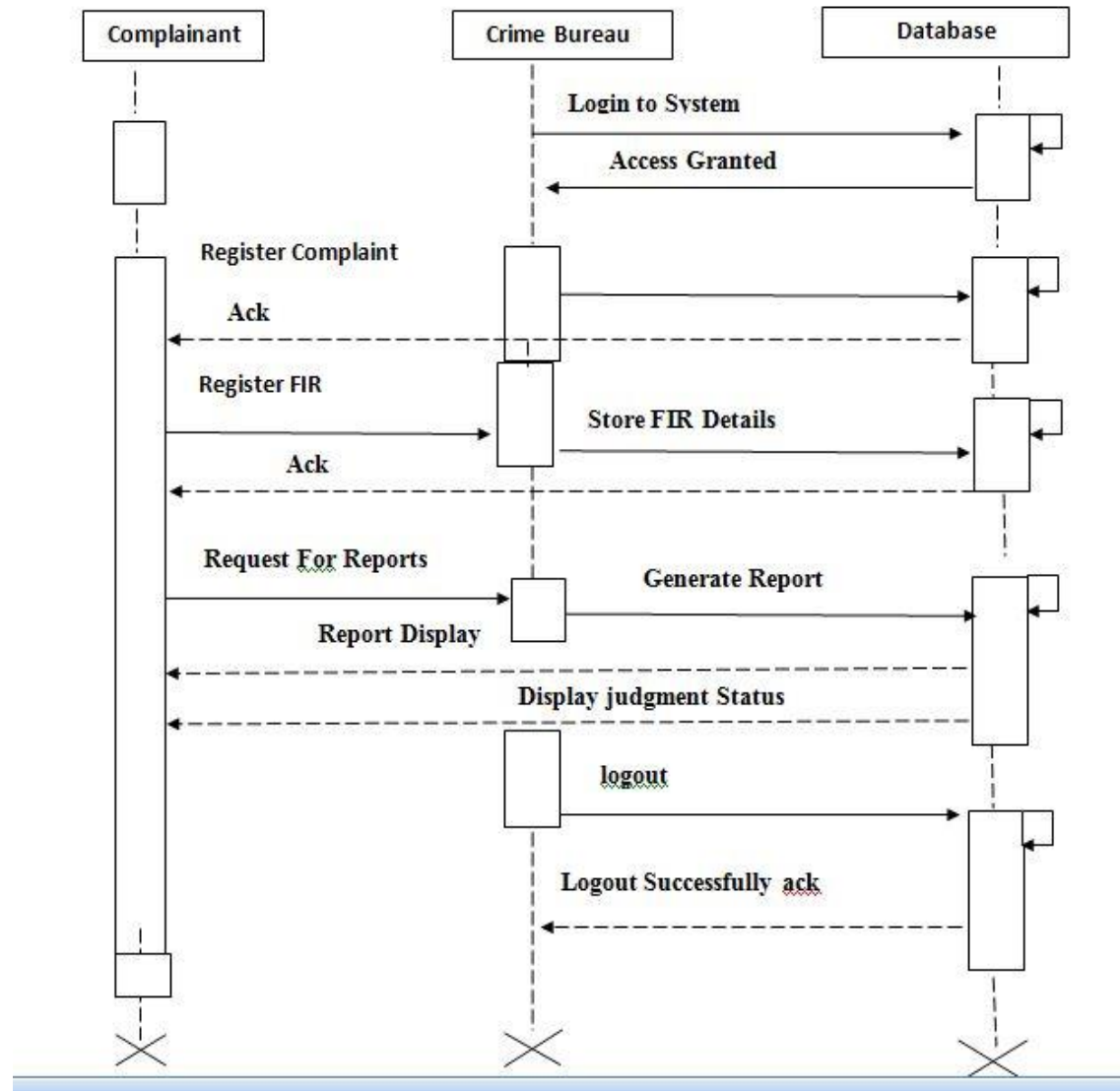
2) CLASS DIAGRAM:-
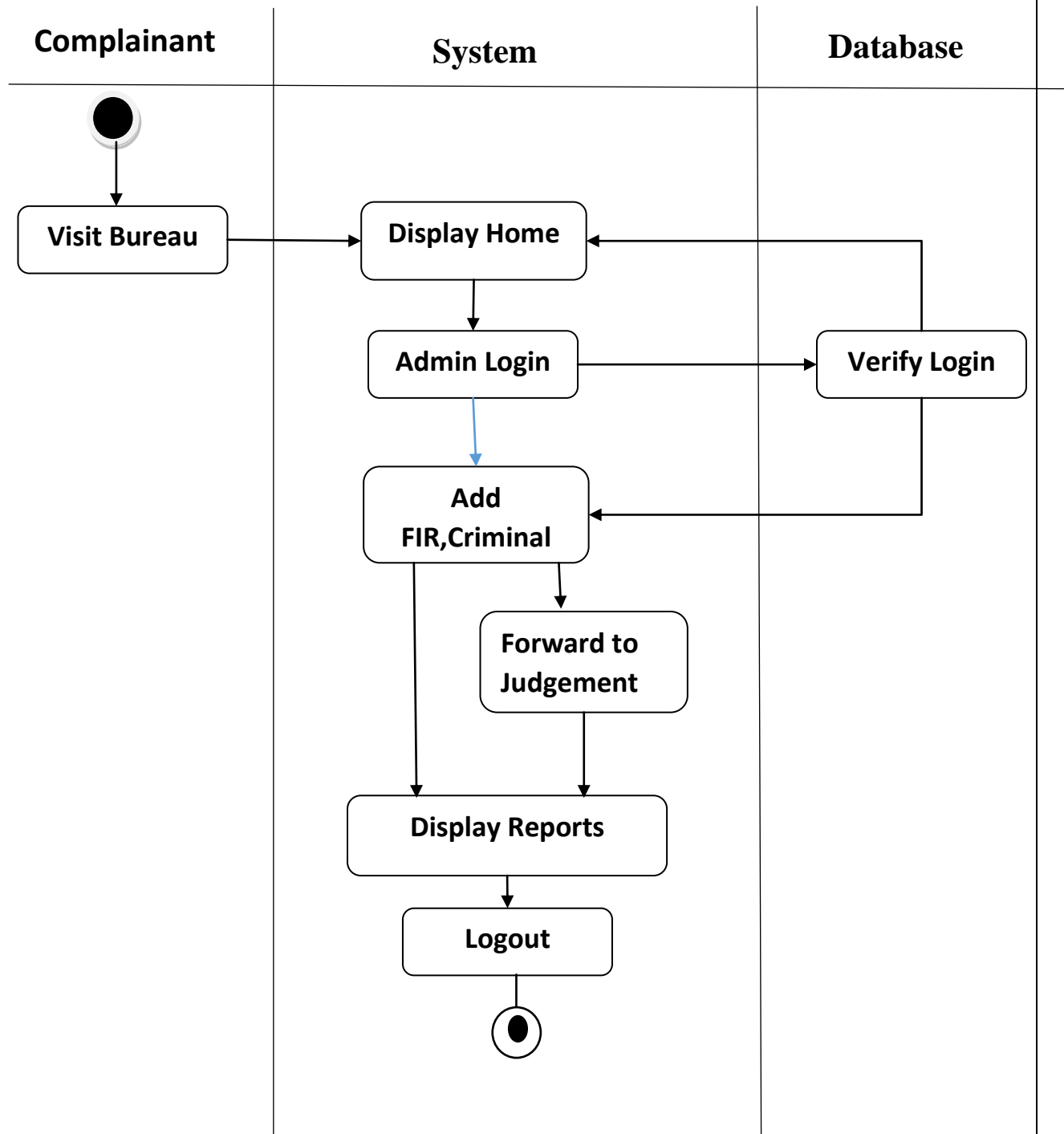
operator
+Oid:Number
+oname:string
-cont. no:Number
+rank: String
+Regi .complaint()
+take details()
+Login()

Register comp.
1   0....*

Complainant
-c.no:Number
+Name: string
+Address: string
+Cont nno:Number
+Submit Details()
+Update()

1..* FILLFIR 1

FIR
-FIR No:Number
Comp.name:string
Act: string
Fir date: date
Desc:string
Add FIR()
Update()
Save()
Search FIR()

1
Log in
1

1   1   Generate   1...*

Police Station
Pid: number
Pname: string
Station incharge: string
Arrest()
Custody()

postmortem
FIR No: number
Pm no: number
Name: string
Death date: date
Doc name: string
Add()
Save()
Generate()

1
Against
1...*

Criminal
-Cr.No :Number
-CrName:String
+ArrestDate:Date
+CrimeType:String
+add()
+Update()
+SearchCrime()
+SaveRecord()

1..*

judgment
Jid:number
Com no: number
Fir no: number
jDate:date
court:string
suspect name: string
Save()
Update()

1   0...*

0...*

Report
Rp no: number
Rp name: string
Rp type: string
Date: date
View()
Generate()

1...*
May be
0...*

Most wanted
Mid:number
Mname: string
disc: string
id mark: string
Add()

4) SEQUENCE DIAGRAM:-

5) ACTIVITY DIAGRAM:-

Complainant	System	Database

```
       ●
       │
       ▼
 ┌───────────┐        ┌───────────┐                    ┌───────────┐
 │Visit Bureau│──────▶│Display Home│◀──────────────────│           │
 └───────────┘        └───────────┘                    │           │
                            │                           │           │
                            ▼                           │           │
                      ┌───────────┐        ┌───────────┐│
                      │Admin Login│───────▶│Verify Login│
                      └───────────┘        └───────────┘
                            │                     │
                            ▼                     │
                      ┌───────────┐◀──────────────┘
                      │   Add     │
                      │FIR,Criminal│
                      └───────────┘
                        │      │
                        │      ▼
                        │  ┌───────────┐
                        │  │Forward to │
                        │  │Judgement  │
                        │  └───────────┘
                        │      │
                        ▼      ▼
                     ┌───────────────┐
                     │Display Reports│
                     └───────────────┘
                            │
                            ▼
                       ┌─────────┐
                       │ Logout  │
                       └─────────┘
                            │
                            ▼
                            ◉
```

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6) STATE CHART DIAGRAM:

Registration

N

Validate

Admin Login

Yes

Create FIR , Register complaint ,Add Criminal

Investigate/ judgement

Display/Generate Reports
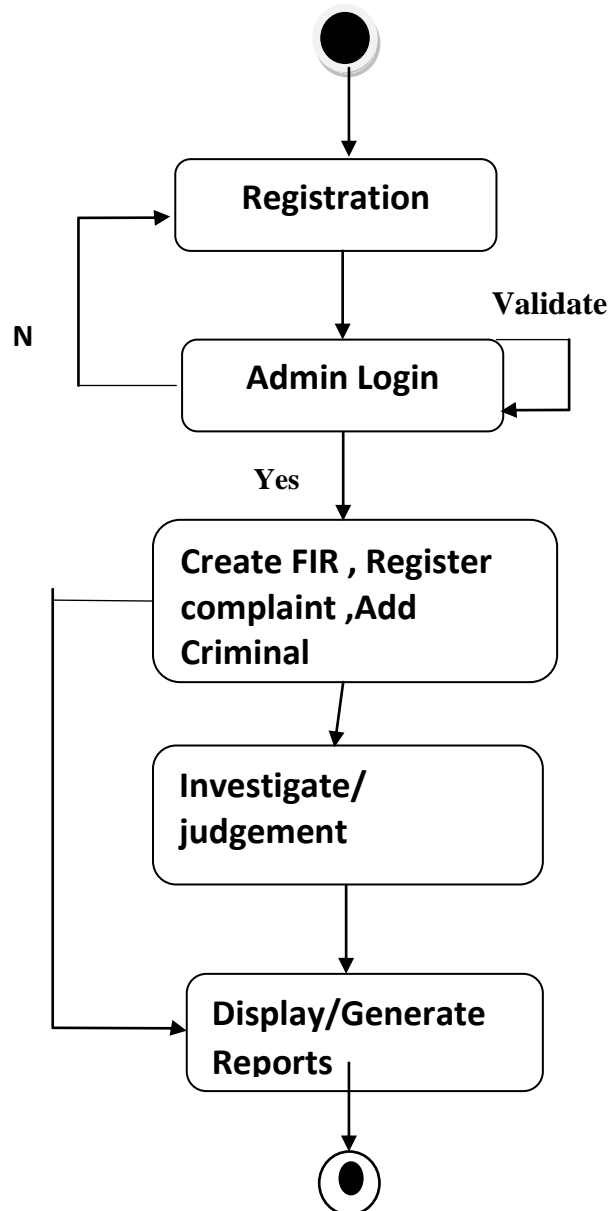
7) COMPONENT DIAGRAM:-
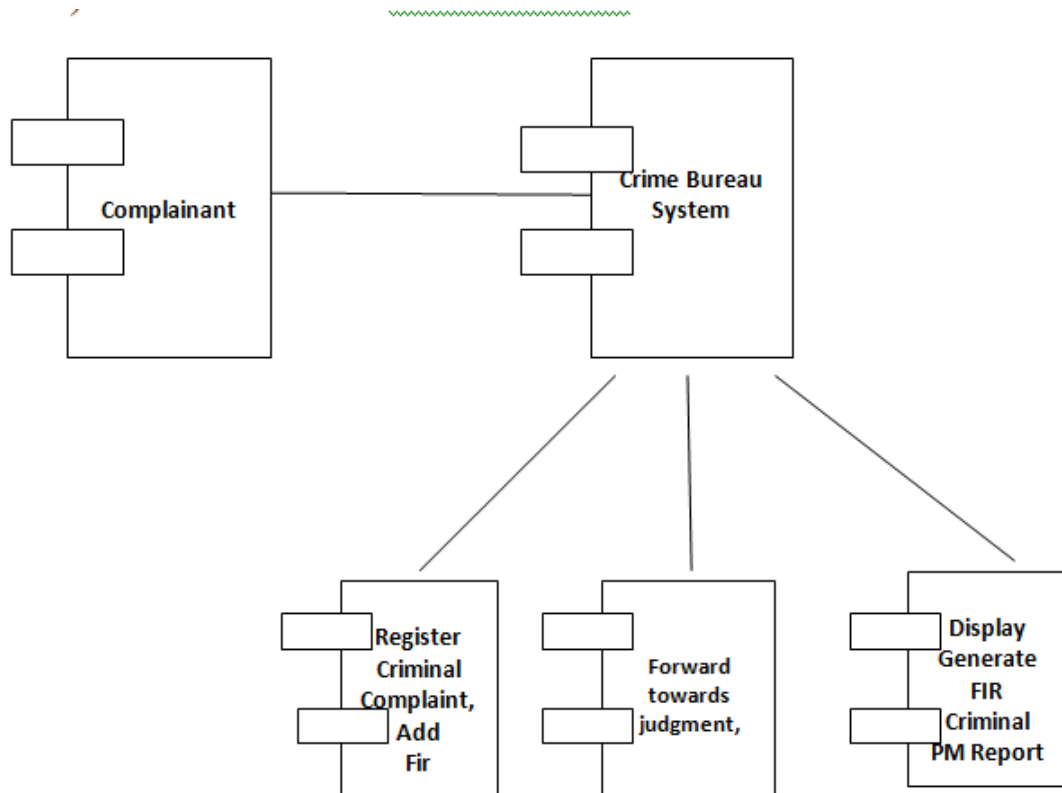
7) Object Diagram:-
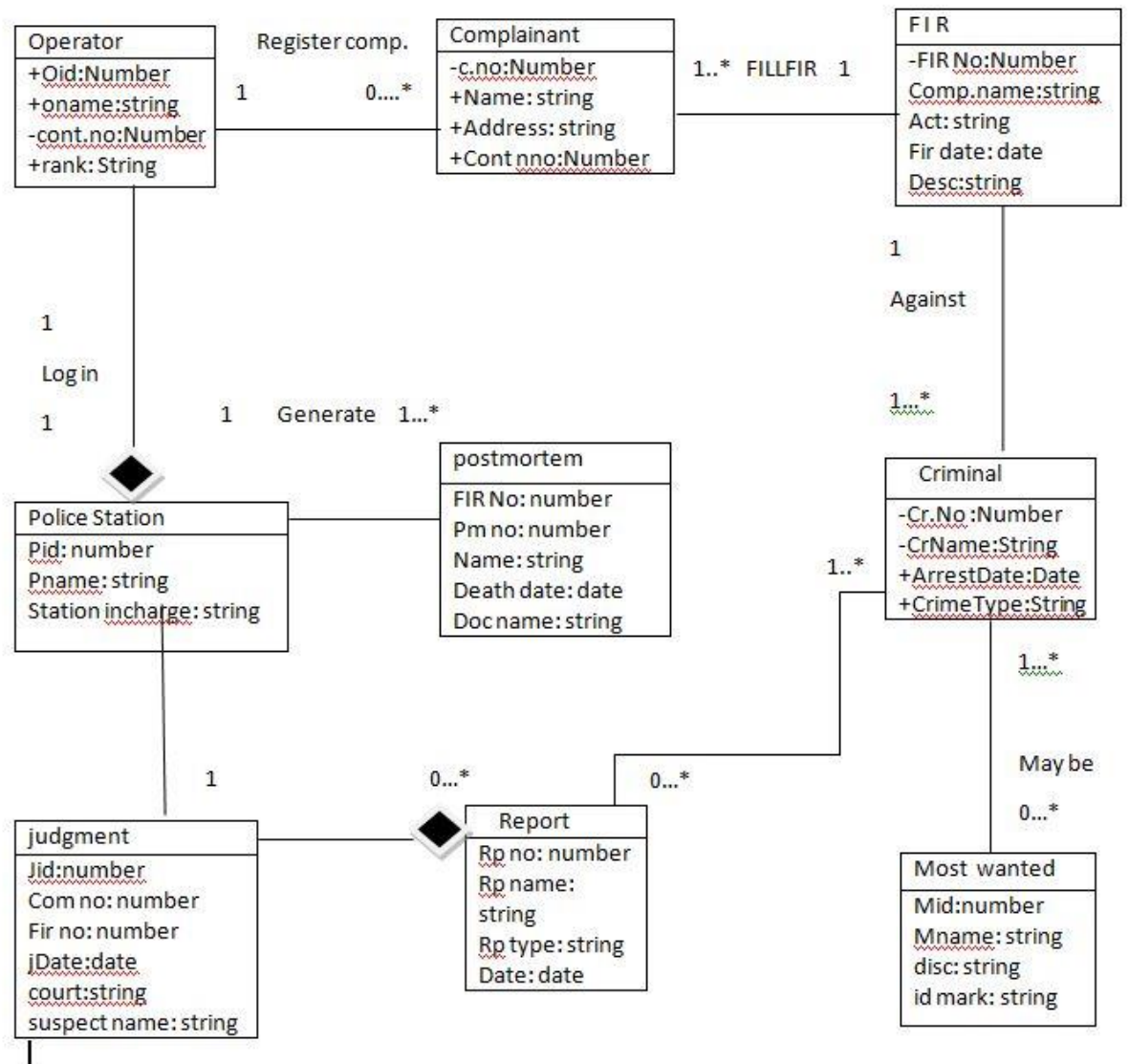
8) Collaboration Diagram:

2: Login in system

7: Generate FIR Report

Operator

1: Visit the Police Sation

2: Register Complaint

Complaintant

FIR

6: Register FIR

Police Station

Criminal

8: Criminal Declared

4: Store Complaint

5: judgment
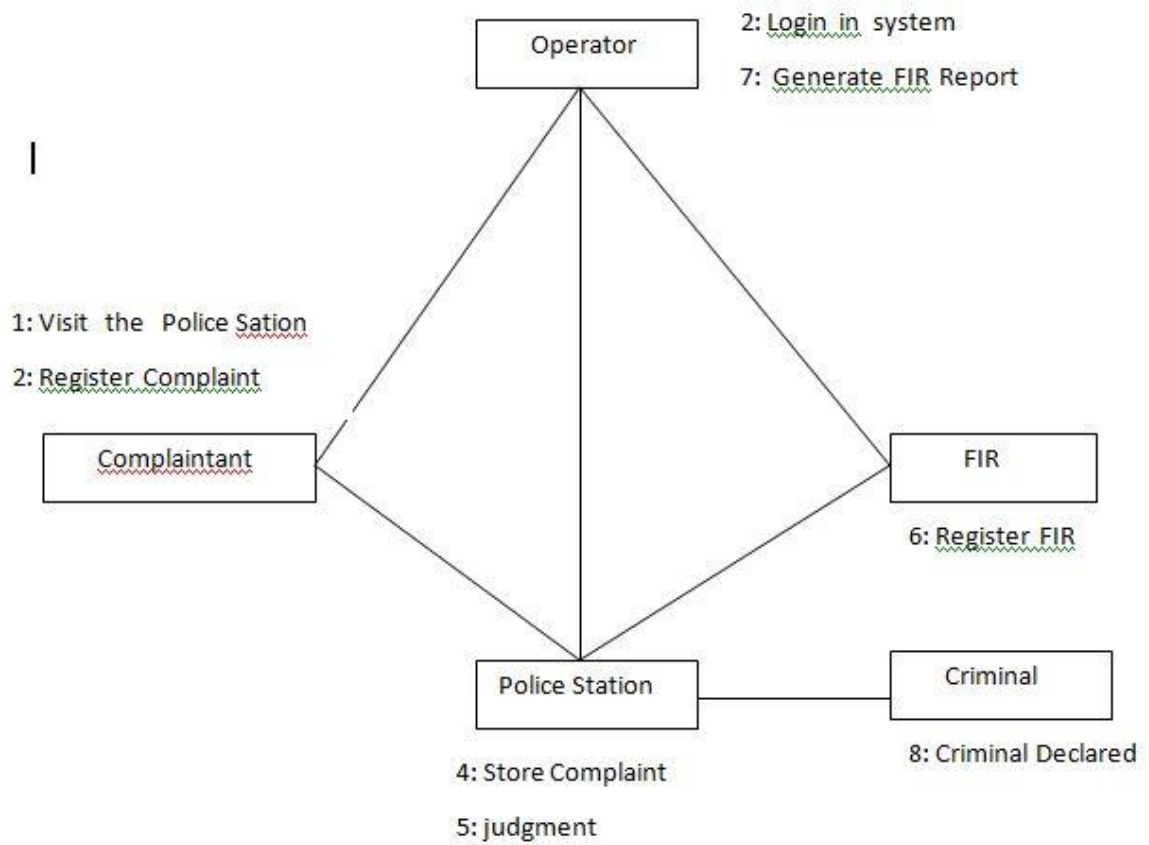
DATA DICTIONARY:-

Complaint Register :

Fields	Data Type	Description
Complaint No.	Int	Allocated Case No.
Name_of_Criminal	Varchar(20)	The Suspected Person
District	Varchar(20)	Place of Incident
Date_of_Case_Regi.	Date	Date of Registration
Police Station	Varchar(20)	Name of Police Station
Name_of_Complainant	Varchar(20)	Person Register Complaint
Cont_No.	BigInt	Contact Number
Name_of_Witness	Varchar(20)	Present at Place
Description	Varchar(20)	Description of Case

FIR Registration :

Fields	Data Type	Description
FIR No.	Int	Allocated FIR No.
Name_of_Criminal	Varchar(20)	The Suspected Person
Nationality	Varchar(20)	Nationality of Criminal
Date_of_FIR_Regi.	Date	Date of FIR Regi.
Act	Varchar(20)	Type of Crime
Action Taken	Varchar(20)	Action Against Criminal
Place_of_Incedent	Varchar(20)	Spot of Act
Name_of_Informer	Varchar(20)	Person Who Inform ?

Criminal Registration :

Fields	Data Type	Description
CR_No	Int	Register Criminal No.
Name_of_Criminal	Varchar(20)	Criminal Name
Date_of_Arrest	Date	Date of Arrest Criminal
Act	Varchar(20)	Type of Crime
Action_Against_Criminal	Varchar(20)	Action Perform on Crime
Most Wanted	Varchar(20)	Check Criminal MW or Not
Criminal Photo	Memo	Criminal Image

Judgment Record :-

Fields	Data Type	Description
JdNo.	Int	Register Criminal No.
Complaint No.	Int	Registered Complaint No.
FIR No.	Int	Registered FIR No.
Court	Varchar(20)	Name of Court
Judge	Varchar(20)	Name of Judge in Court
Suspect Name	Varchar(20)	Doubtful Person
Report	Varchar(20)	Result Against Criminal
Jd_Given	Varchar(20)	Name of who gives the jd
Jd_Date	Date	Date of Judgment

MostWanted Record :-

Fields	Data Type	Description
Mw No.	Int	Register Most wanted No.
Mw Name	Int	Name of Most wanted Person
Age	Int	Age of Mw Person
Sex	Varchar(20)	He/She Person
Description	Varchar(20)	Description of Case
Identification Mark	Varchar(20)	Mark of Person to identify
Photo	Memo	Photo of Mw Person

Postmortem Record :-

Fields	Data Type	Description
PNo.	Int	Register Postmortem No.
FIR No.	Int	Register FIR No.
Name	Varchar(20)	Name of Person
Death Date	Date	Date of Person Death
Case Description	Varchar(20)	Description of Case
Doctor Name	Varchar(20)	Name of Doctor who Handle Operation
Hospital	Varchar(20)	Name of Hospital
Police Station	Varchar(20)	Police Station Name
Result	Varchar(20)	Result of Postmortem

ScreenShots :-
Login Page:

HomePage:

Complaint Form:

FIR Form:

Criminal Form:

Judgment Form:

Most Wanted:

Postmortem:

SearchFrmFIR

1003   [Search]   [View All Record]   [Close]

	FIRNo	Fdate	Type	Act	PoliceStation	District
▶	1003	25/03/2018	Organized Crimes	Computer Crime	Ghulewadi PS	Akola
✳						

Frm4FIRR

Add | ADD 1 | VIEW

	FIRNo	Fdate	Type	Act	PoliceStation	District	S
▶	1001	25/03/2018	Personal Crim...	Kidnapping	Sangamner PS	Ahmednagar	M
	1002	25/03/2018	Organized Cri...	Cyber Crime	Sangamner PS	Ahmednagar	M
	1003	25/03/2018	Organized Cri...	Computer Cri...	Ghulewadi PS	Akola	M
	1004	25/03/2018	Violent Crimes	Extortion	Ghulewadi PS	Swenton	U
	1005	25/03/2018	Property Crim...	Harassment	Ghulewadi PS	Mumbai City	B
✳							

[Add New]   [Save]   [Delete]   [Update]   [Cancel]

Frm11SearchCriminal

301 · · Search · · View All Record · · Close

CrNo	Cno	CrName	Adrs	Age	Arrestdate
301	101	Durgesh Supekar	Nashik	21	16/03/2018
302	102	Sushant Kadlag	Golden City	29	24/03/2018
303	109	Rakesh Rivan	Shivaji Nagar	32	24/03/2018
304	115	jalindar Pathve	Khandgaon	25	24/03/2018

Criminal Record
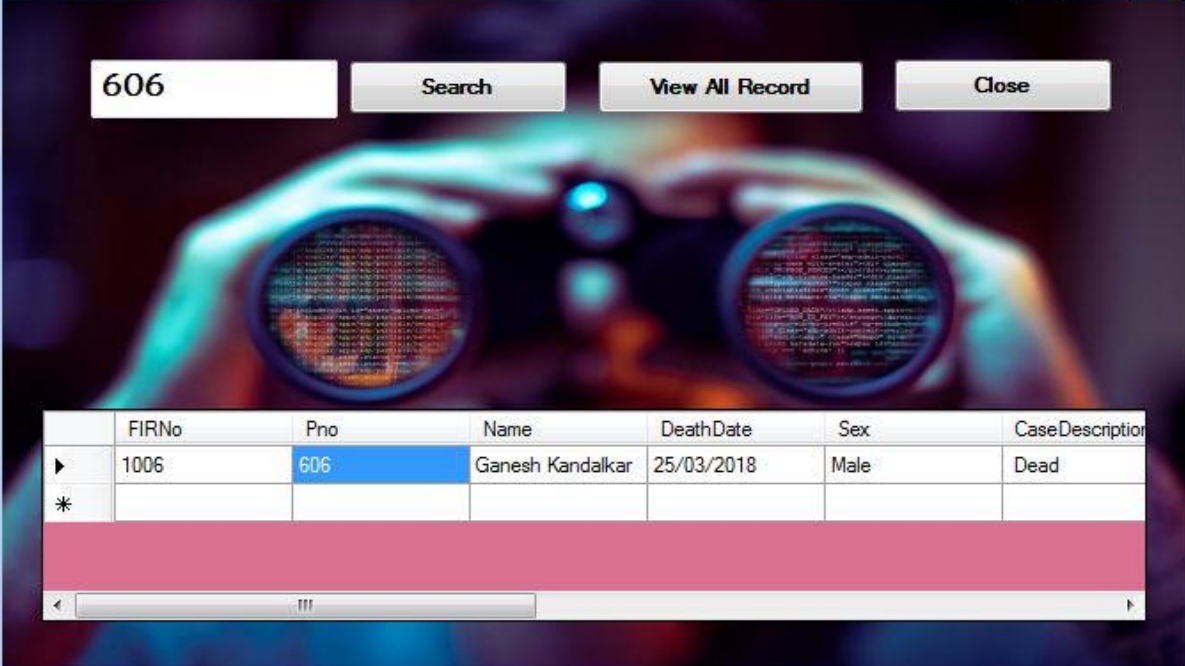
Add · View

CrNo	Cno	CrName	Adrs	Age	Arrestdate	Occu
301	101	Durgesh Supe...	Nashik	21	16/03/2018	Worke
302	102	Sushant Kadlag	Golden City	29	24/03/2018	Labor
303	109	Rakesh Rivan	Shivaji Nagar	32	24/03/2018	Worke
300	115	jalindar Pathve	Khandgaon	25	24/03/2018	Worke
304	104	Ganesh Kandl...	Talegaon	23	25/03/2018	Labor
305	105	Ganesh Kadam	Akole	30	25/03/2018	Busine
306	106	Sharad Dighe	Nanduri	34	25/03/2018	Labor
*						

SearchFrmPostMortem

606   Search   View All Record   Close

	FIRNo	Pno	Name	DeathDate	Sex	CaseDescription
▶	1006	606	Ganesh Kandalkar	25/03/2018	Male	Dead
*						

JUDGEMENT

ADD   VIEW

	Jid	Cno	FIRNo	Court	PoliceIncharge	Judge	SuspectName	Adrs
▶	402	102	1102	Subordinat...	Londhe K.D.	S.S. Rana	D.G. Supekar	Talegao
	401	101	301	High Court	Shinde S.K	KK Mehta	Sumit Gole	Golden
	403	109	1006	District Court	Khanna K.D	S.B. Mehta	Prashant Bh...	Vadazar
	404	109	1309	Supreme C...	J.D Gavhane	S.S. Rana	Ganesh Kan...	Talegao
	405	105	1009	High Court	L.K. Thakur	H.M. Khanna	Jalindar Pat...	Akole
*								

Reports :-

Complaint Report:

Crime Bureau Mgt Systerm

25/03/2018   COMPLAINT REPORT

Cno	Cname	Cadrs	Phone	Cdate	Description	PoliceStation	Complainant	Area
101	Sumit Go	Sangam	9,548,548	16/03/20	abc	Sanagmner PS	Bhalerao Ajay	Ghulew
103	Nilesh Lar	Vadgaoi	9,654,125	16/03/20	Raped	Sangamner PS	Datta Landge	Akole
104	Nilesh Sh	Sangam	9,546,258	16/03/20	Therft	Sangamner PS	Ajay Bhalerac	Ghulew
105	Prashant	Shirdi	7,546,985	16/03/20	Murder	Sangamner PS	Ganesh Kada	Nashik
107	Thorat Pr:	Mumbai	5,948,759	16/03/20	abc	Sangamner Ps	Ganesh Kada	Sanga
108	Gajanan E	Kasar D	5,784,587	25/03/20	Child Abus	Ghulewadi PS	Rahul Shinde	Sanga
109	Rahul Det	Akole	5,789,459	25/03/20	Cyber Crim	Ghulewadi PS	Revan Ravat	Nandu
110	Sumit Go	Golden	5,489,658	25/03/20	Computer (	Sangamner PS	Bhushan Gunj	Ganes
102	Bhushan	Kasar D	4,589,657	25/03/20	Rape	Ghulewadi PS	Sumit Gole	Ganes

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FIR Report:

RptFIRR

Main Report

Crime Bureau Mgt System

25/03/2018

FIR REPORT

FIRNo	Fdate	Act	Cname	Adrs	Nationality	PassportNo	State	Suspended N	Actionta l
1,001	25/03/201	Kidnappir	Vicki Ravat	Ghulewadi	Indian	;23,654,888	Maharash	Sumit Gole	Jail
1,002	25/03/201	Cyber Cri	Rohit Gavha	Golden Cit	Indian	125,874,487	Maharash	Gajanan B	Jail
1,003	25/03/201	Computer	Prashant Bh	Vadazar	Indian	123,548,954	Maharash	Nilesh Lan	1 Year Ja
1,004	25/03/201	Extortion	Nilesh Land	York Kwen	American	;54,687,365	UK	Jacky Twer	5 Month J
1,005	25/03/201	Harassme	Durgesh Su	Talegaon	Indian	125,489,758	Bihar	Lalu Prasa	Jail

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Judgment Report:

Crime Bureau Mat System

JUDGEMENT REPORT

25/03/2018

Jid	Cno	FIRNo	Jdate	PoliceIncharge	Judge	Court	Report
402	102	1,102	Sunday	Londhe K.D.	S.S. Rar	Subordina	3 Year Jail
401	101	301	Friday,	Shinde S.K	KK Meht	High Cour	abc
403	109	1,006	Sunday	Khanna K.D	S.B. Me	District Co	Jail
404	109	1,309	Sunday	J.D Gavhane	S.S. Rar	Supreme	Jail With Fine
405	105	1,009	Sunday	L.K. Thakur	H.M. Kh	High Cour	Jail

Current Page No.: 1   Total Page No.: 1   Zoom Factor: 100%
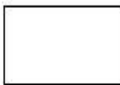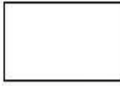
Most wanted Report:

Crime Bureau Mgt System

25/03/2018   MOSTWANTED REPORT

Mid	Mname	Age	Sex	Description	IdentiMark	Occupation	Image
501	Uddhav Bo	25	Male	Missing	No	Busioness Mar	
502	Jalindar Pa	45	Male	Missing	No Mark	Laborer	
503	Rohit Gavh	30	Male	aaa	Non	Worker	
504	Rajesh Kha	30	Male	aaaa	No	Work in Shop	
505	Sumit Gole	24	Male	Wanted- Rew	Handicap	Business	

Future Enhancements:

- We have developed the system fully online in future.

- In future people can online register complaint.

- The FingerPrint Scan, Face Detection Technology increase the project functionality

- We have developed help to some extent you can increase it.

- We used some menus but you can increase no. of menus for good usability.

- We have to develop this System as online for further use.

- We are also trying to make this system to keep record of Criminal as Act wise.

CONCLUSION

Definitely we try our best to make a system that is unique, distinct, adequate, and a versatile. We think we have been successful for that to a greater extent, because our system has given us many satisfactory results at the time of its testing itself, so we are much confident after it's final completion.

We conclude that the software developed by us will be a much satisfying system if actually implemented in Colleges.

We would be gratified to take the incite of the person referring to the concept of this project and thereby helping us to enhance our project.

BIBLIOGRAPHY

Books used as a reference to provide the guidelines for analyzing, documenting and designing our Project Attendance Analysis:

> **The Complete Reference Book of VB.NET**

    By - Jeffrey R. Shapiro

> **Object Oriented Software Engineering**

    By - Roger Pressmen

Visited websites:-

http://www.guideproject.com

http://www.ebooks.com

http://www.youtube.com

http://www.tutorialspoint.com

Thank You……..!