A Project Presentation
On

Online Crime Reporting System

Submitted by

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Group No : 88

M.Sc.(CA & IT) Semester- III

Internal Guided By

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Submitted to

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GANPAT UNIVERSITY
॥ विद्यया समाजोत्कर्षः ॥

DEPARTMENT OF COMPUTER SCIENCE

Date: 21/11/2014

CERTIFICATE

TO WHOM SO EVER IT MAY CONCERN

This is to certify that the following students of M.Sc. (CA & IT) Semester-III have completed their part time project titled "**Online Crime Reporting system**" satisfactorily as per the requirement of M.Sc. (CA & IT) Semester-III, Department of Computer Science, Ganpat University, Ganpat Vidyanagar in the year 2014-2015.

No.	Name of Student	Exam No.
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ACKNOWLEDGEMENT

Our hard work never shines if we do not convey our heart felt gratitude to those people from whom we have got considerable support & encourage during this project.

We have highly thankful to our internal guide Mr.Jaimit R. Patel Whose invaluable guidance helped us to understand the project better at every stage. We are thankful to our principal Dr.N.J.PATEL in M.Sc. (CA & IT) Department of computer science, ganpat university for their immense support and help during the entire training period.

Thank you.

Chauhan Jitendra O.
Soni Apurv R.

PREFACE

As is rightly said by a renowned writer," A little knowledge that acts is worth infinitely more than much knowledge that is idle." And this is exactly what the syllabus of MSC(CA & IT) preaches to its students; by offering opportunities to put the classroom knowledge and understanding into practice by working in industry environments and gaining acquaintance and familiarity with the real world.

With this report I am pleased to present the project "**ONLINE CRIME REPORTING SYSTEM"** which has been developed as a part of the of the 3th semester in M.SC.(CA & IT) This report presents the project that has been developed during the tenure of three months allotted to us as the project period.

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1.ABSTRACT(PROJECT PROFILE)

Project Name	Online Crime Report System
Objective	The crime information dictionary provides a facility of reporting crime,Searching,different crime ratio and most wanted criminals online.
Platform	Web Based
Front End Tool	ASP.NET 2010 with C# 4.0
Back End Tool	Ms sql Server 2008
Webserver	IIS
Other Tools	Microsoft office 2007
Working Days	90
Project Guide:	Mr.Jaimit R.Patel

2.EXISTING SYSTEM

- All criminal records are stored in a file.
- To add any new record ,record file is used.
- When other police station require any criminal information at that time they
- need to call that police station.
- There are many drawbacks like time consuming, require more man power.
- Citizens can not get the information and the current status of the criminals
- of all city's.

3.NEED FOR NEW SYSTEM

•Citizens not need to go police station to see the criminals information. they can
•directly see information on site .
• Visitor can easily get the information about the crime and criminal.
• Reduce the man power , and also reduce the time.

•Member can view the current status of the criminal.

4. FUNCTIONAL SPECIFICATION

- **USER SPECIFICATION:**

- **Admin:**

  Admin will be Protected by username and password. ordinary user of website will not be permitted to enter into the application. Admin can manage all record related to application that manage the crime detail .

- **Member:**

  Member can add crime detail of criminal.
  Member can manage crime details and question

- **Visitor:**

  Visitor can view all crime details, view news, Post question, add inquiry and give answer of question and feedback.

•**MODULE SPECIFICATION:**

•**Registration:**

New user can register in the system.

• **Login Module:**

Using the username And password admin and all Member can login in The system and manage the application.

• **Member Module:**

Each of member view the criminal records and status.

5. HARDWARE AND SOFTWARE REQUIREMENT

SERVER SIDE REQUIREMENT:

HARDWARE:

Processor	1.0 GHz
RAM	1 GB
Hard Disk	20 GB free space

SOFTWARE:

Front end	ASP.NET 2010 with C#4.0
Back end	Ms SQL server 2008
Web server	IIS
Operating System	Windows server 2003

5. HARDWARE AND SOFTWARE REQUIREMENT

CLIENT SIDE REQUIREMENT:

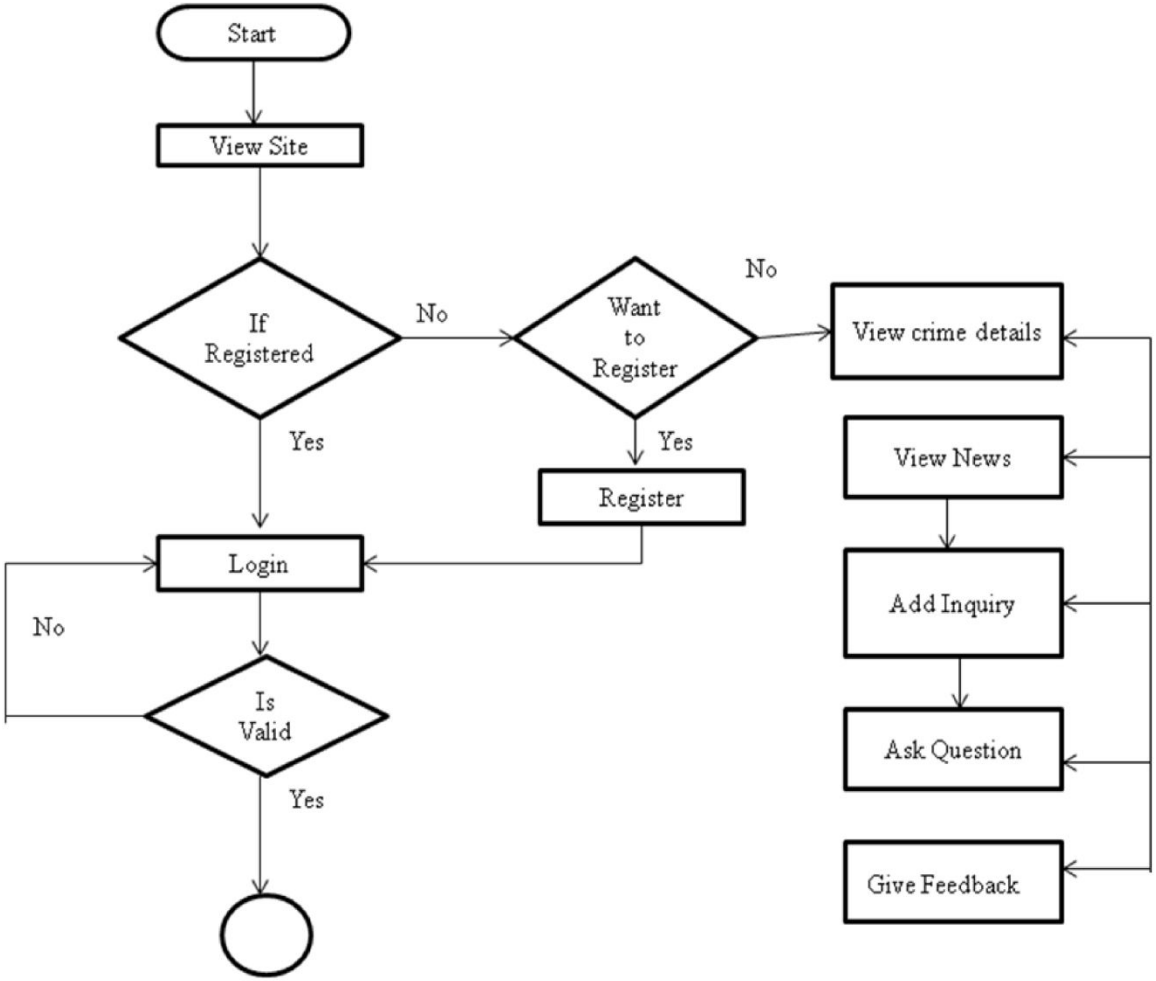
HARDWARE:

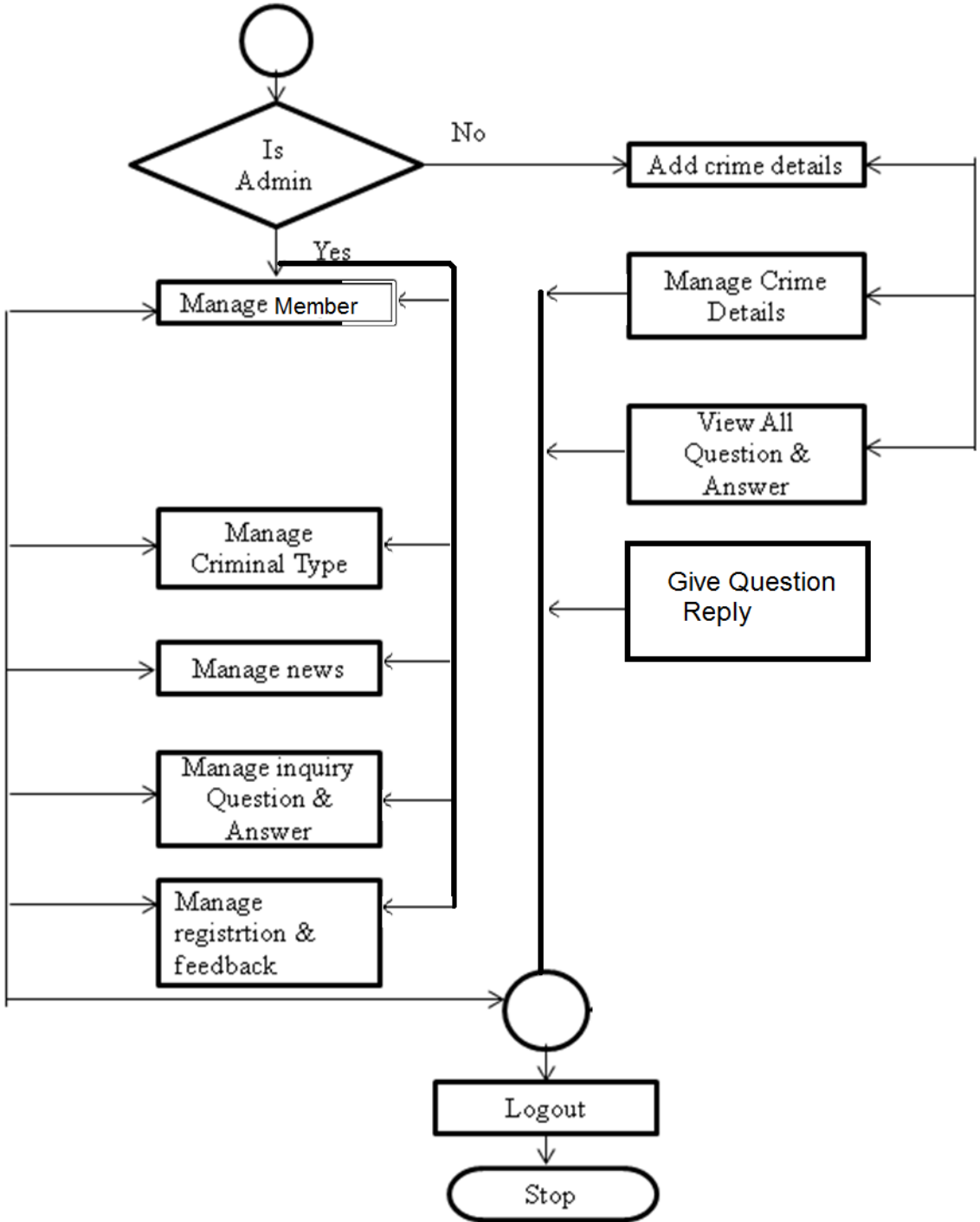
Processor	800 MHz
RAM	512MB
Hard Disk	1 GB free space

SOFTWARE:

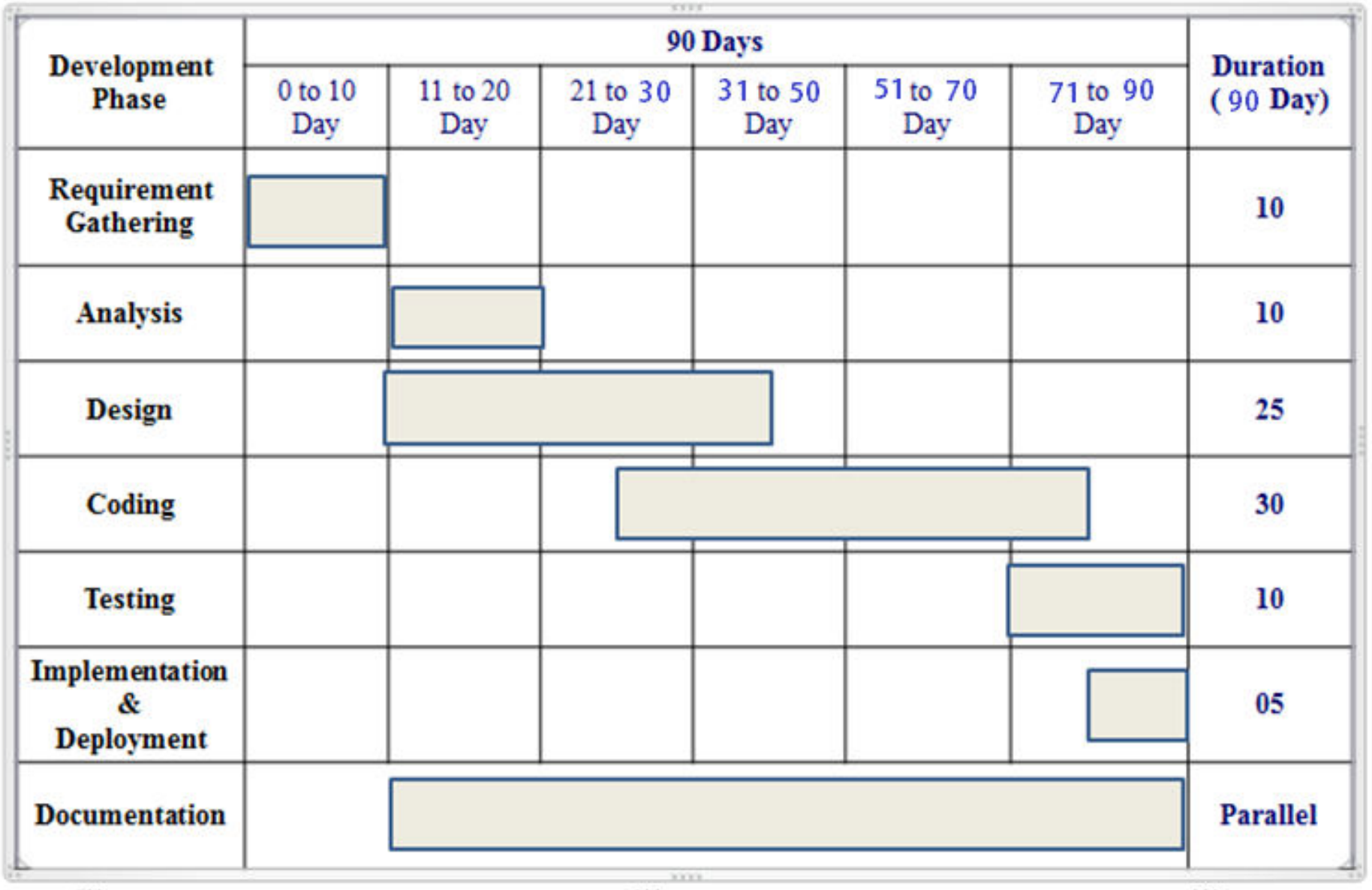
Operating System	Windows XP, other Compatible OS
Browser	Internet Explorer 6.0 or any other Compatible Browser

6. SYSTEM FLOW CHART

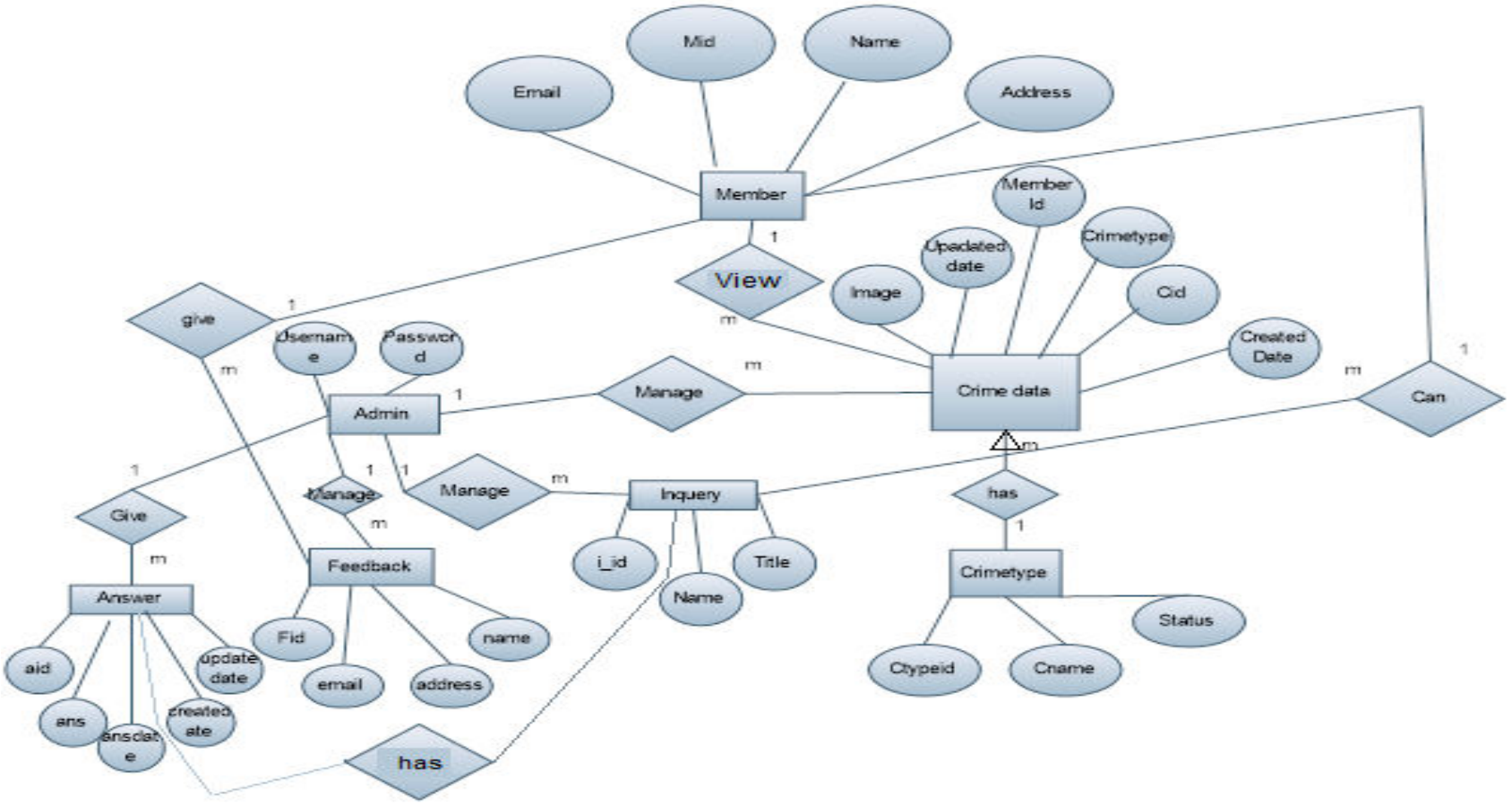



Is Admin
No
Yes
Add crime details
Manage Member
Manage Crime Details
View All Question & Answer
Manage Criminal Type
Give Question Reply
Manage news
Manage inquiry Question & Answer
Manage registrtion & feedback
Logout
Stop

7. TIMELINE CHART



8. E-R DIAGRAM


Mid
Name
Email
Address
Member
Member Id
Upadated date
Crimetype
View
Image
Cid
Created Date
Crime data
Can
give
Usernam e
Passwor d
Admin
Manage
Manage
Manage
Give
Inquery
has
Feedback
i_id
Title
Name
Crimetype
Status
Ctypeid
Cname
Answer
Fid
name
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address
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update date
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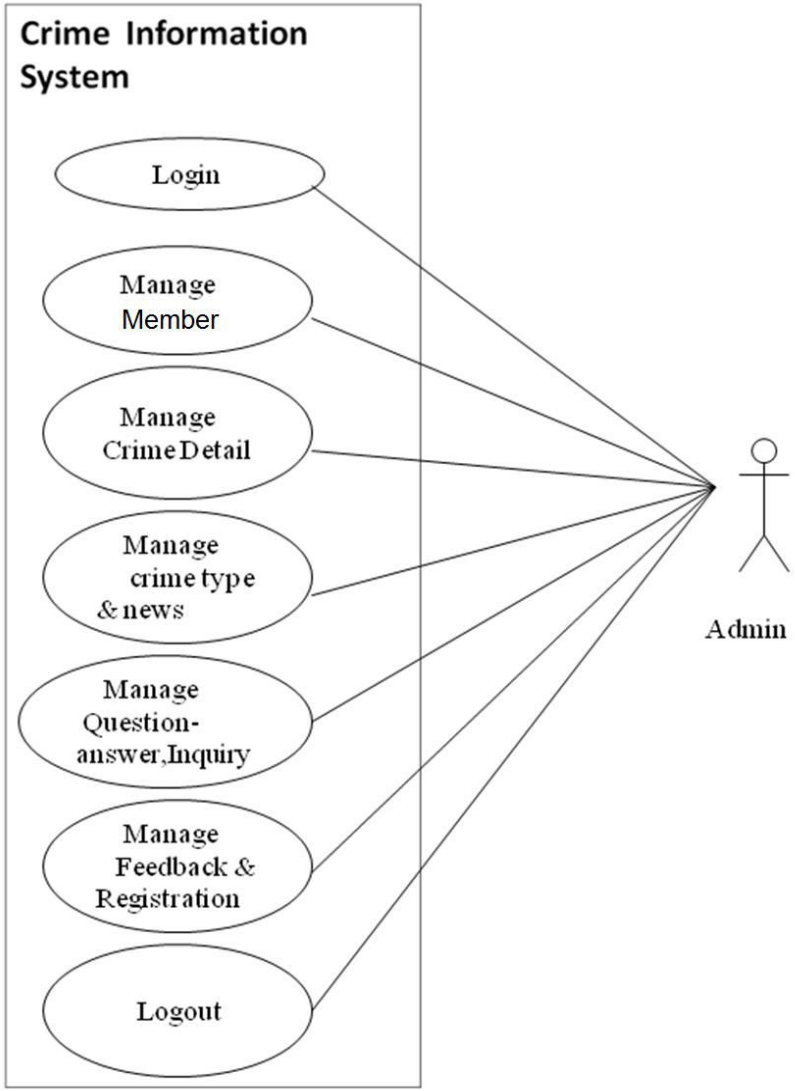
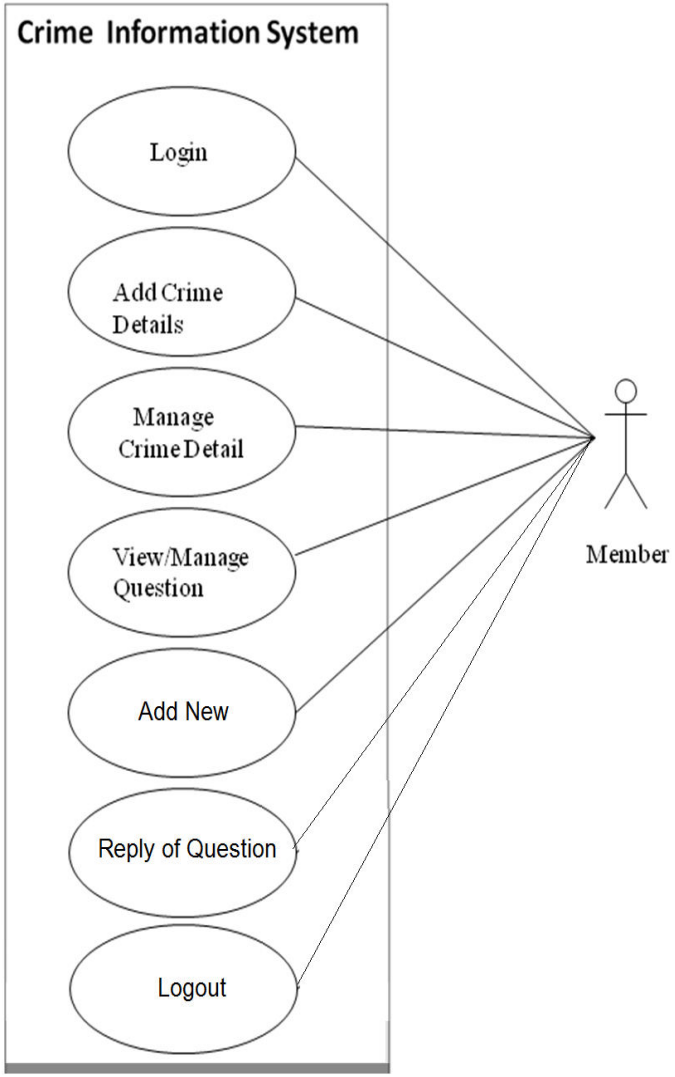
9. UML DIAGRAMS

9.1 USE CASE DIAGRAM

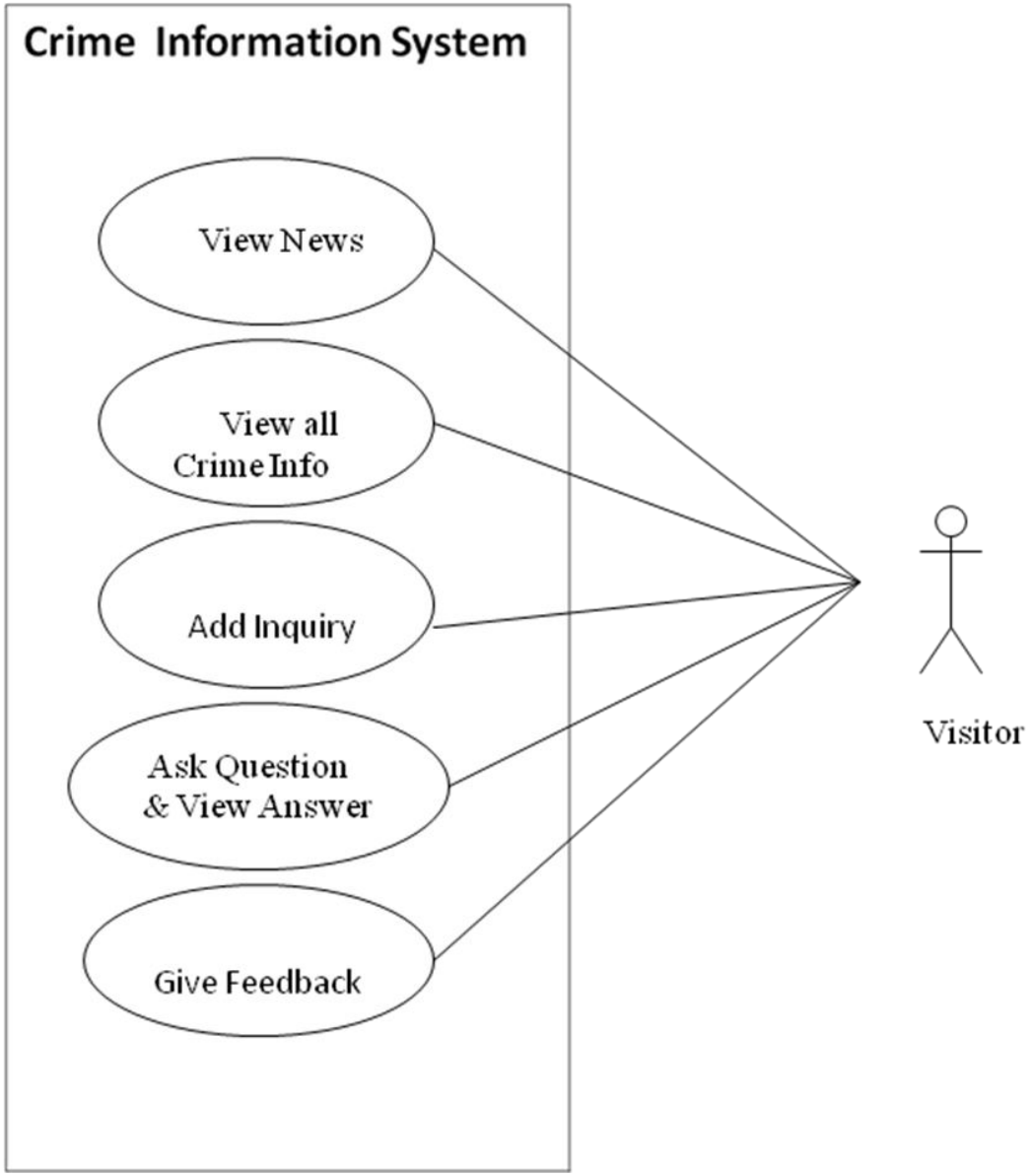
- **Admin Use case:**



•**Member Use case**:

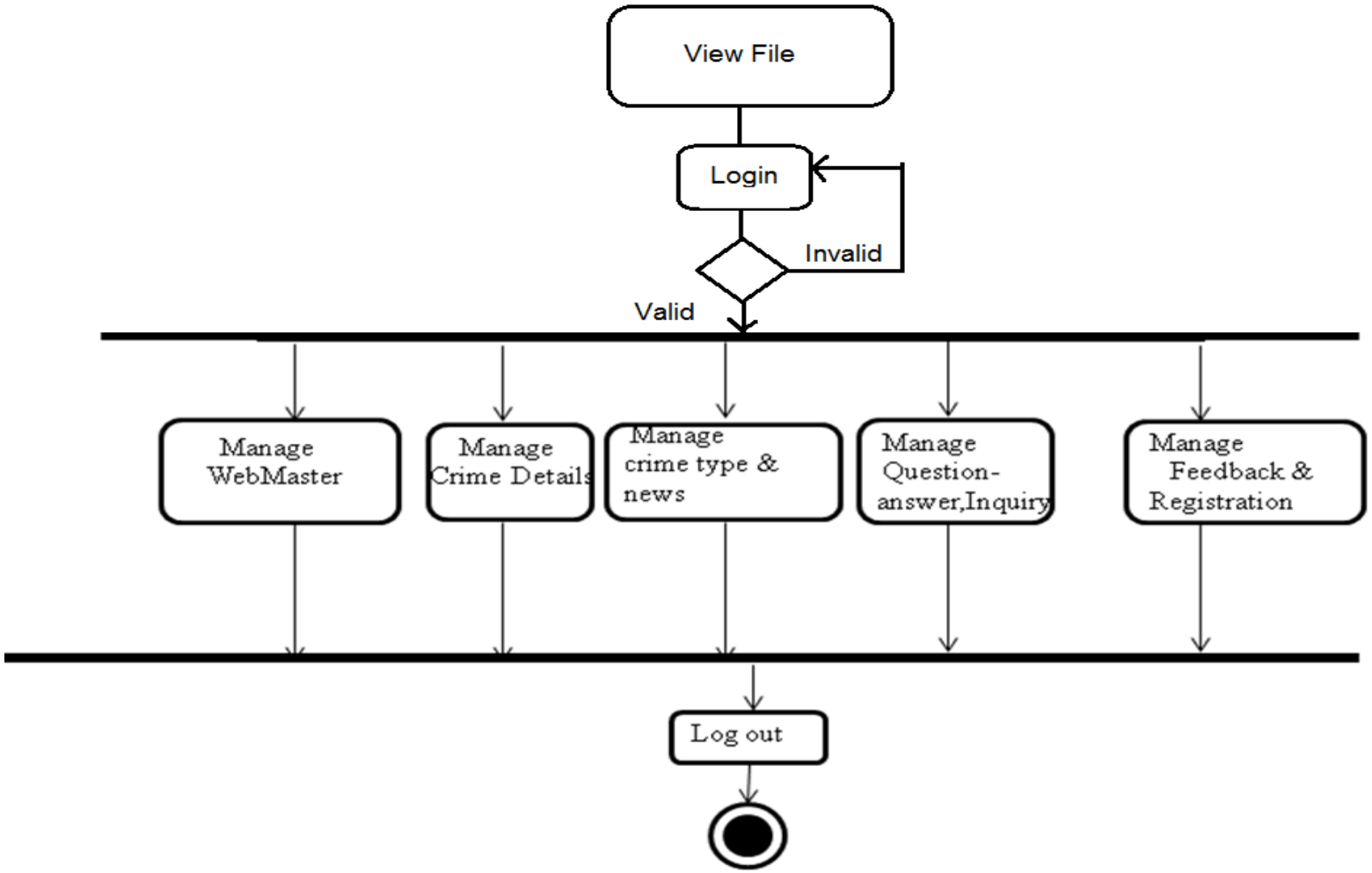


• **VisitorUse case:**

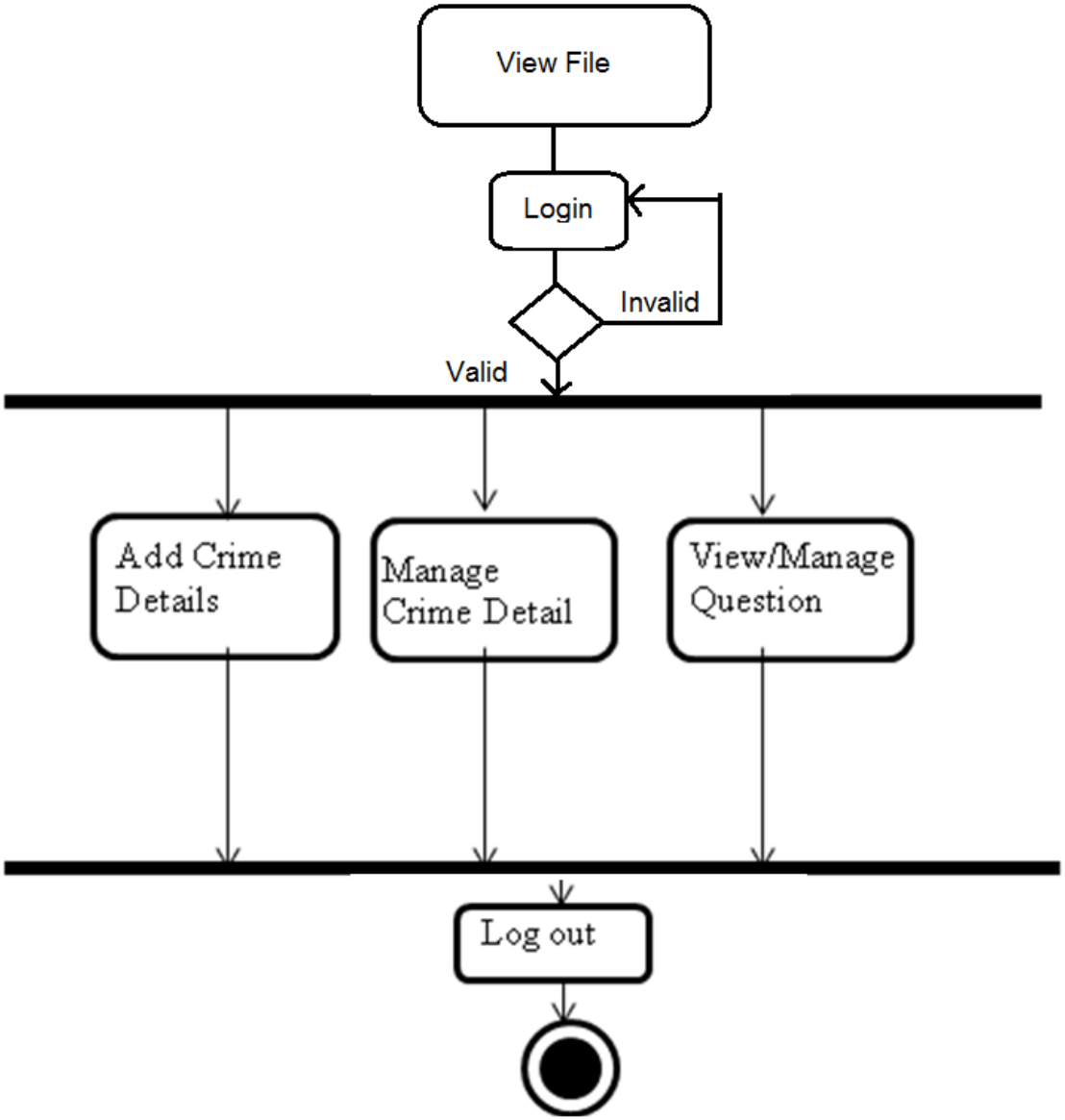


9.2 ACTIVITY DIAGRAM

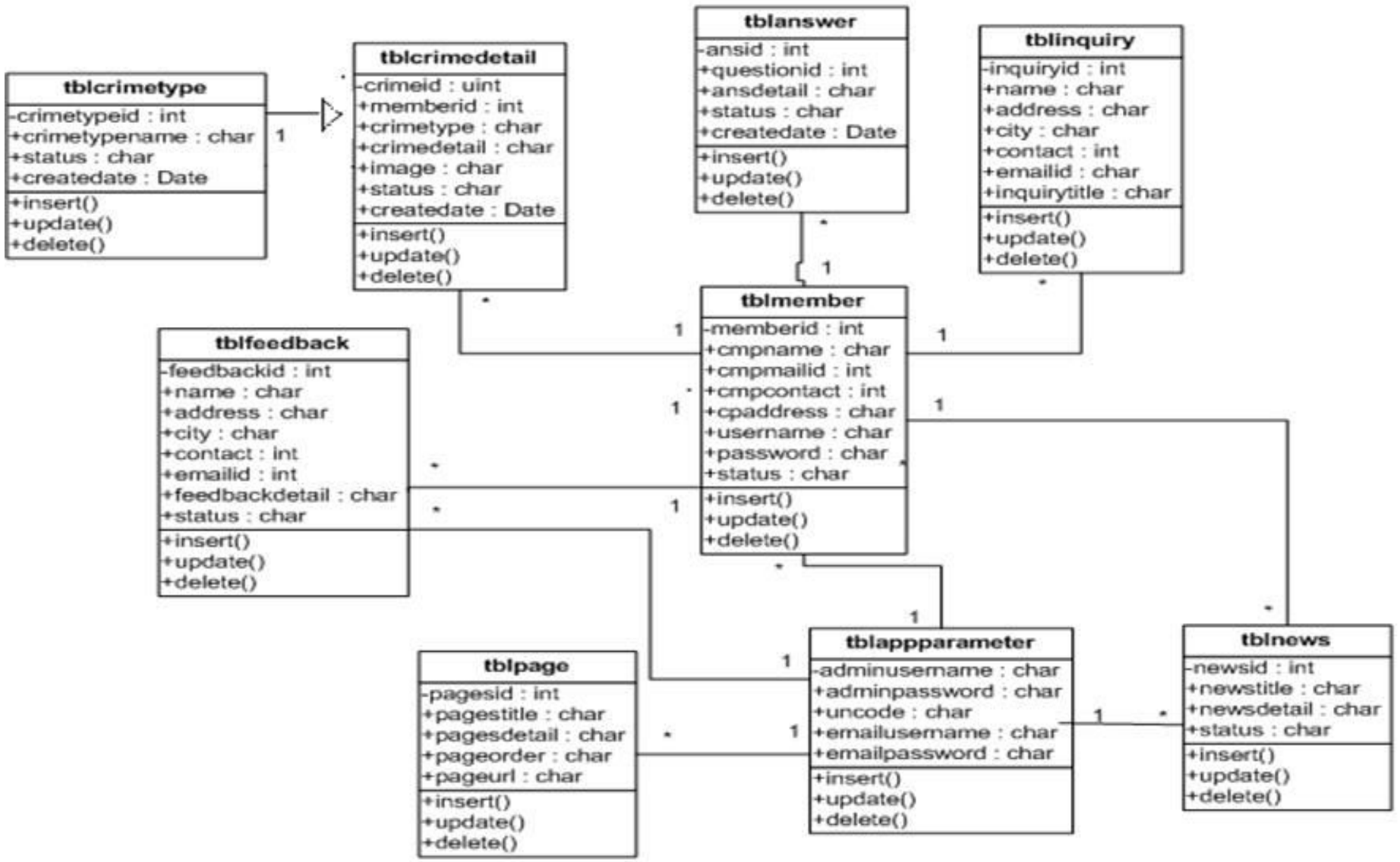
Admin Activity:



Member Activity: i

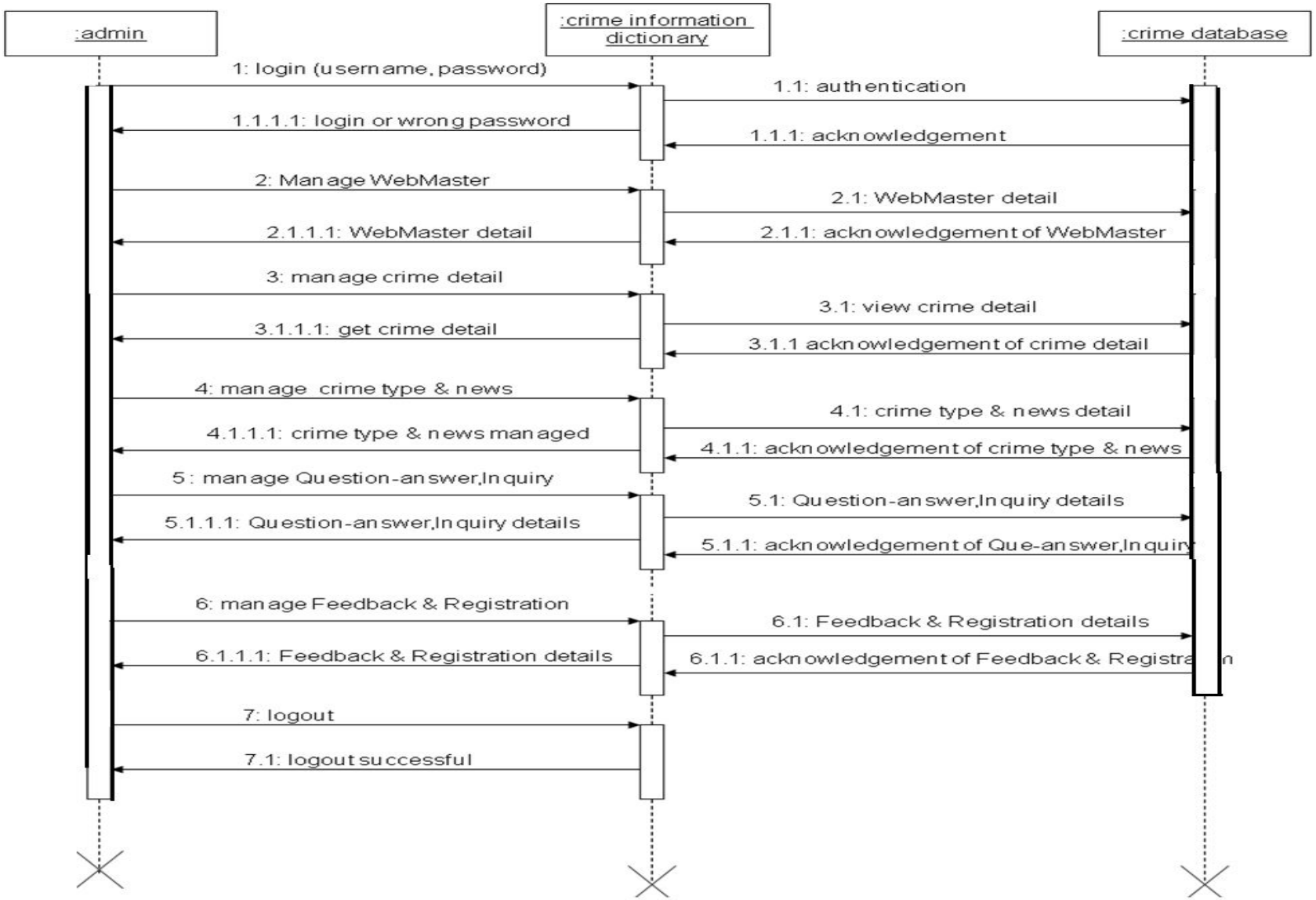


9.3 CLASS DIAGRAM

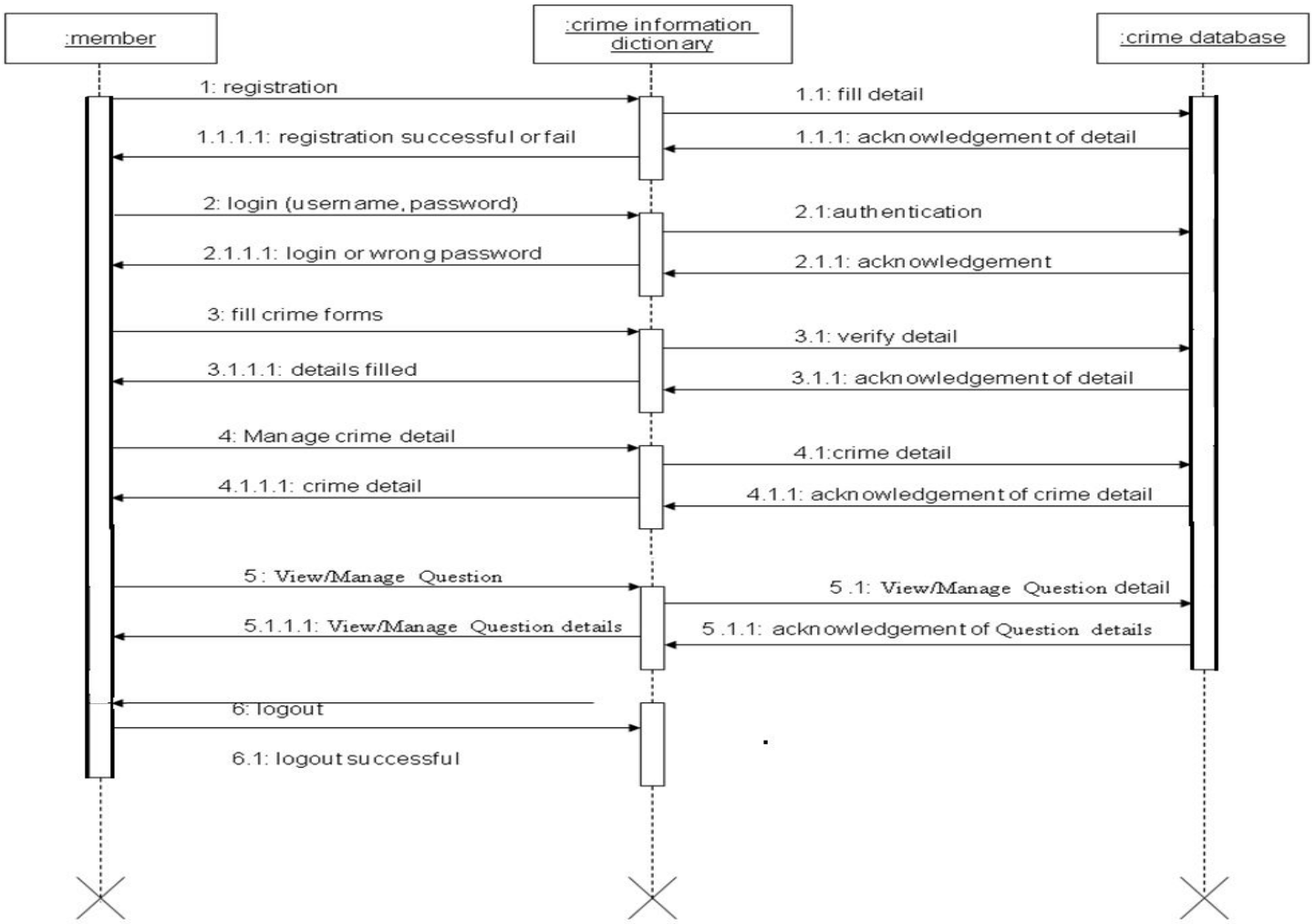


9.4 SEQUENCE DIAGRAM

Admin side:

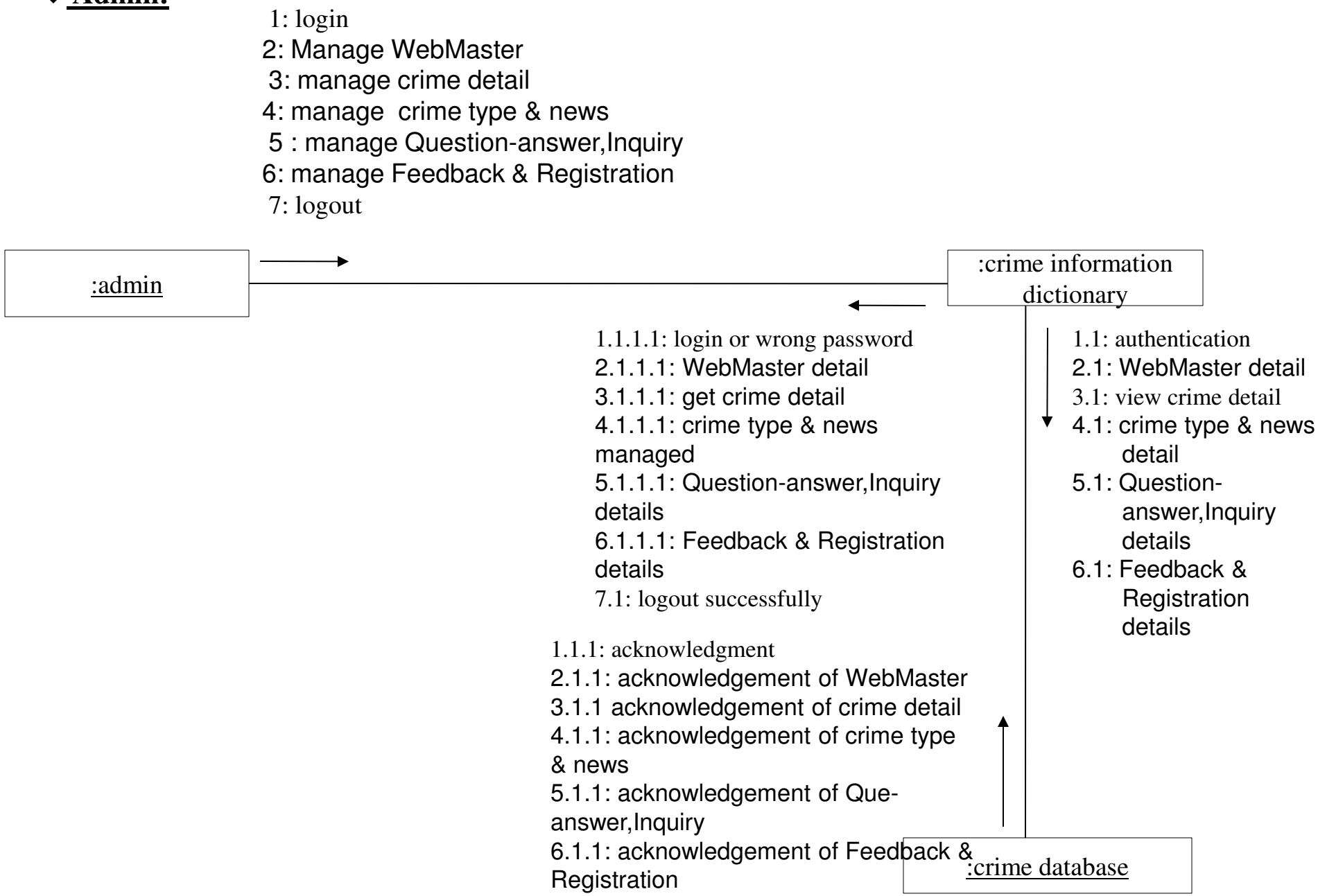


❖ Member side:


:member
:crime information dictionary
:crime database
1: registration
1.1: fill detail
1.1.1.1: registration successful or fail
1.1.1: acknowledgement of detail
2: login (username, password)
2.1:authentication
2.1.1.1: login or wrong password
2.1.1: acknowledgement
3: fill crime forms
3.1: verify detail
3.1.1.1: details filled
3.1.1: acknowledgement of detail
4: Manage crime detail
4.1:crime detail
4.1.1.1: crime detail
4.1.1: acknowledgement of crime detail
5 : View/Manage Question
5 .1: View/Manage Question detail
5.1.1.1: View/Manage Question details
5 .1.1: acknowledgement of Question details
6: logout
6.1: logout successful

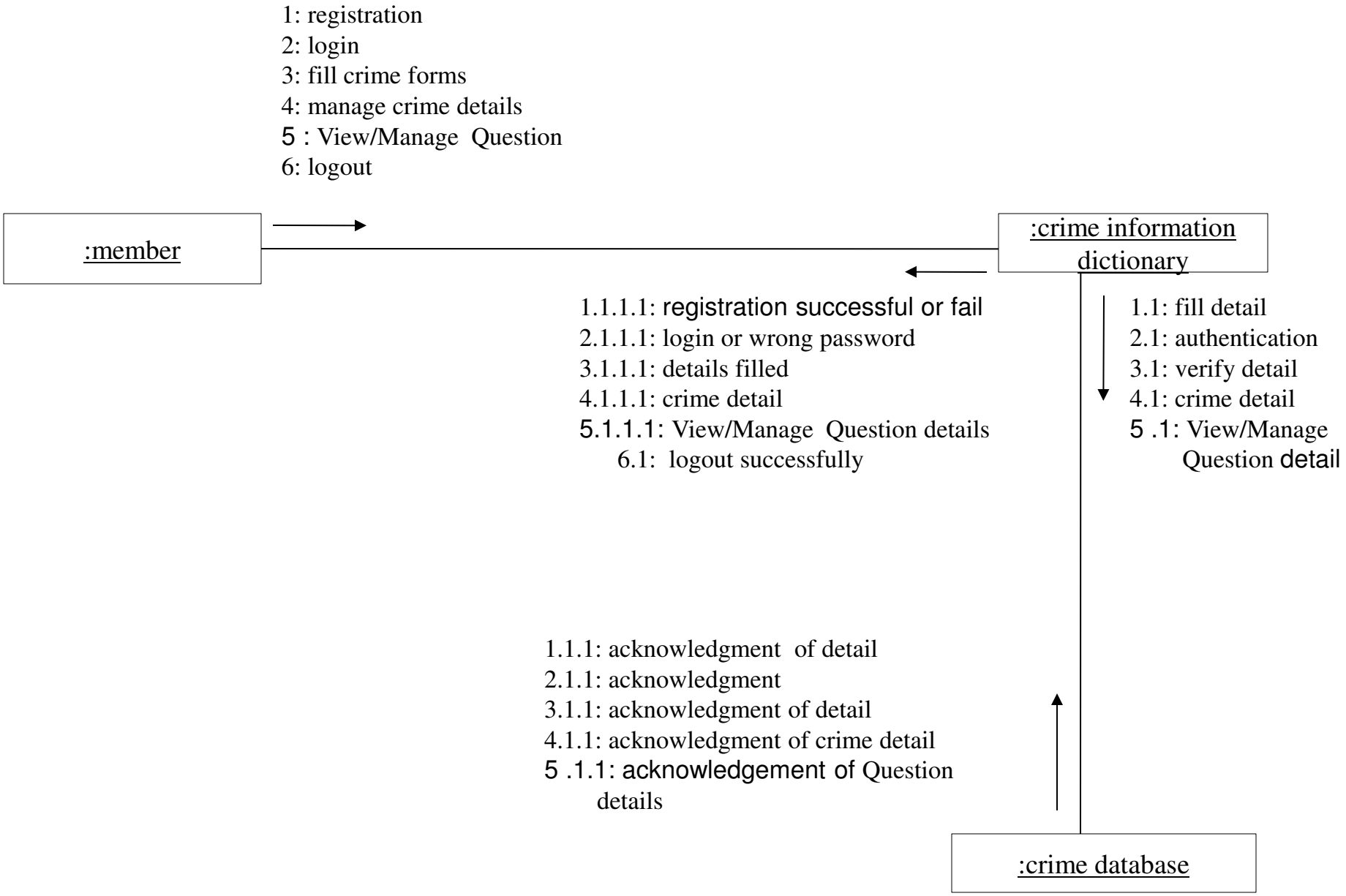
9.5 COLLABORATION DIAGRAM

❖ **Admin:**



9.5 COLLABORATION DIAGRAM

❖**Member:**



10. DATA DICTIONARY

DATA DICTIONARY

Table Name:: tblcrimedeta
Description :: This table stores Crime Detail.
Primary Key:: Crimeid

Field Name	Data Type	Constraint	Description
Crimeid	Int	Primary Key	It stores Crime id
Membereid	Int	Reference Key	It stores Member Id
Crimetype	Nvarchar(500)	Not Null	It stores crime type
Crimdetail	Nvarchar(max)	Not Null	It stores crime details
image	Nvarchar(max)	Not Null	It stores image path
Status	Nvarchar(50)	Not Null	It stores status.
Createdate	Datetime	Not Null	It stores system date
Updatedate	Datetime	Not Null	It stores updated date

Table Name:: tblanswer
Description :: This table stores All Answers.
Primary Key:: Ansid

Field Name	Data Type	Constraint	Description
Ansid	Int	Primary Key	It stores Ans id
Questionid	Int	Not Null	It stores Question id
Ansdetail	nvarchar(50)	Not Null	It stores Answer Detail
Status	nvarchar(50)	Not Null	It stores status
Createdate	datetime	Not Null	It stores system date
Updatedate	datetime	Not Null	It stores updated date

Table Name: tblappparameter.
Decription: This table Describe the Parameter.

Field Name	Data Type	Constraint	Description
Adminusername	nvarchar(50)	Not null	It stores Admin User Name.
Adminpassword	nvarchar(50)	Not Null	It stores admin Password

Table Name: tblcrimetype
Decription: This table stores crime information
Primary Key: Crimetypeid

Field Name	Data Type	Constraint	Description
Crimetypeid	Int	Primary Key	It stores crime id
Crimetypename	nvarchar(max)	Not Null	It stores crime type
Status	nvarchar(10)	Not Null	It stores status
Createdate	datetime	Not Null	It stores system date
updatedate	datetime	Not Null	It stores updated date

Table Name: tblfeedback
Decription: This table stores all Feedbacks.
Primary Key: Feedbackid

Field Name	Data Type	Constraint	Description
Feedbackid	Int	Primary Key	It stores Feedback id
Name	nvarchar(50)	Not Null	It stores name
Address	nvarchar(100)	Not Null	It stores address
City	nvarchar(100)	Not Null	It stores city
Contact	nvarchar(50)	Not Null	It stores contact
Emailid	nvarchar(50)	Not Null	It stores email id
Feedbackdetail	nvarchar(max)	Not Null	It stores feedback details
Status	nvarchar(10)	Not Null	It stores status
Createdate	Datetime	Not Null	It stores system date
Updatedate	Datetime	Not Null	It stores updated date

Table Name: tblinquiry
Decription: This table stores all Inquiry.
Primary Key: Inquiryid

Field Name	Data Type	Constraint	Description
Inquiryid	Int	Primary Key	It stores Inquiry id
Name	nvarchar(50)	Not Null	It stores name
address	nvarchar(100)	Not Null	It stores Address.
City	nvarchar(max)	Not Null	It stores city name
Contact	nvarchar(max)	Not Null	It stores contact
Emailid	nvarchar(50)	Not Null	It stores email id
Inquirytitle	nvarchar(50)	Not Null	It stores inquiry title
Description	nvarchar(max)	Not Null	It stores description
Status	nvarchar(50)	Not Null	It stores status
Createdate	Datetime	Not Null	It stores system date
Updatedate	Datetime	Not Null	It stores updated date

Table Name: tblmember
Decription: This table stores all Group Members.
Primary Key: Memberid

Field Name	Data Type	Constraint	Description
Memberid	Int	Primary Key	It stores member id
Usename	nvarchar(50)	Not Null	It stores username
Password	nvarchar(50)	Not Null	It stores password
Status	nvarchar(50)	Not Null	It stores status
Createdate	Datetime	Not Null	It stores system date
Updatedate	Datetime	Not Null	It stores updated date

Table Name: tblnews
Decription: This table stores crimes all news.
Primary Key: newsid

Field Name	Data Type	Constraint	Description
Newsid	int	Primary key	It stores criminal id
Newstitle	nvarchar(50)	Not Null	It stores news title.
Newsdetails	nvarchar(max)	Not Null	It stores news details
Status	nvarchar(50)	Not Null	It stores status
Createdate	datetime	Not Null	It stores system date
Updatedate	datetime	Not Null	It stores updated date

Table Name: tblpage
Decription: This table stores Page details
Primary Key: pagesid.

Field Name	Data Type	Constraint	Description
Pagesid	int	Primary key	It stores page id.
Pagetitle	nvarchar(50)	Not Null	It stores pagetitle
Pagedetail	nvarchar(max)	Not Null	It stores pageddetails
Pageorder	nvarchar(50)	Not Null	It stores page order
Pageurl	nvarchar(100)	Not Null	It stores page url
Status	nvarchar(50)	Not Null	It stores status
Createdate	datetime	Not Null	It stores system date
Updatedate	datetime	Not Null	It stores updated date

Table Name: tblquestion
Decription: This table stores All Question detail.
Primary Key: questionsid.

Field Name	Data Type	Constraint	Description
Questionsid	int	Primary key	It stores Question id.
Questionname	nvarchar(50)	Not Null	It stores Question name
Questiondetail	nvarchar(max)	Not Null	It stores Question details
Status	nvarchar(50)	Not Null	It stores status
Createdate	datetime	Not Null	It stores system date
Updatedate	datetime	Not Null	It stores updated date

11. INPUT DESIGN

1. **Home Page :**

This is home page

2.Login Page

This is about us page.

3.Contect Us.

This is Contact us page.

4.Registration Form.

This is member Registration Form.

5.Login Page

This is login page admin and can user enter into the system by giving username and Password.

6.Inquiry

This page to inform to all inquiry title and details.

7.Feedback Form.

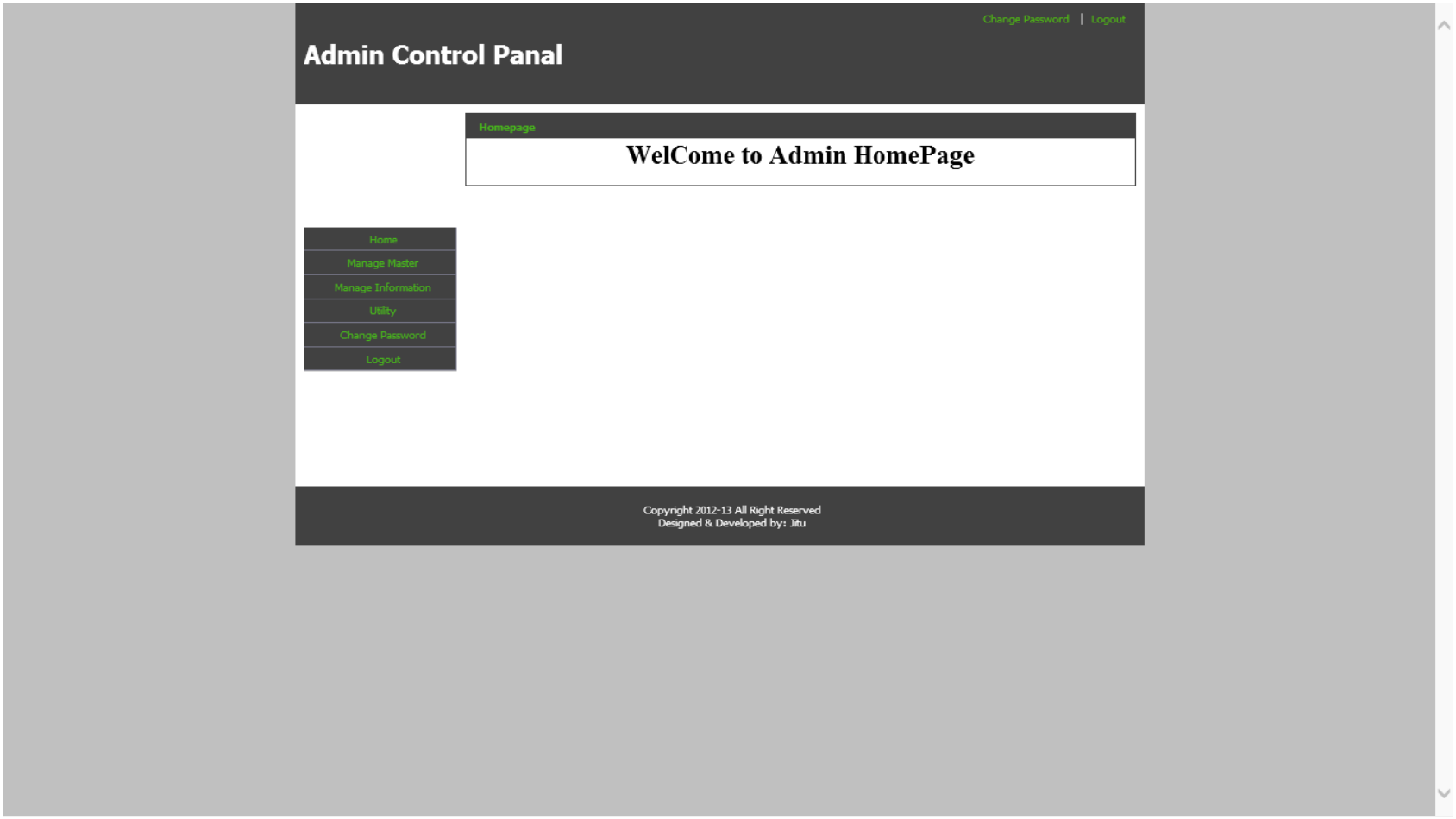
This form feedback of the client.

8.Crime Type.

This form is the member ask the questions.

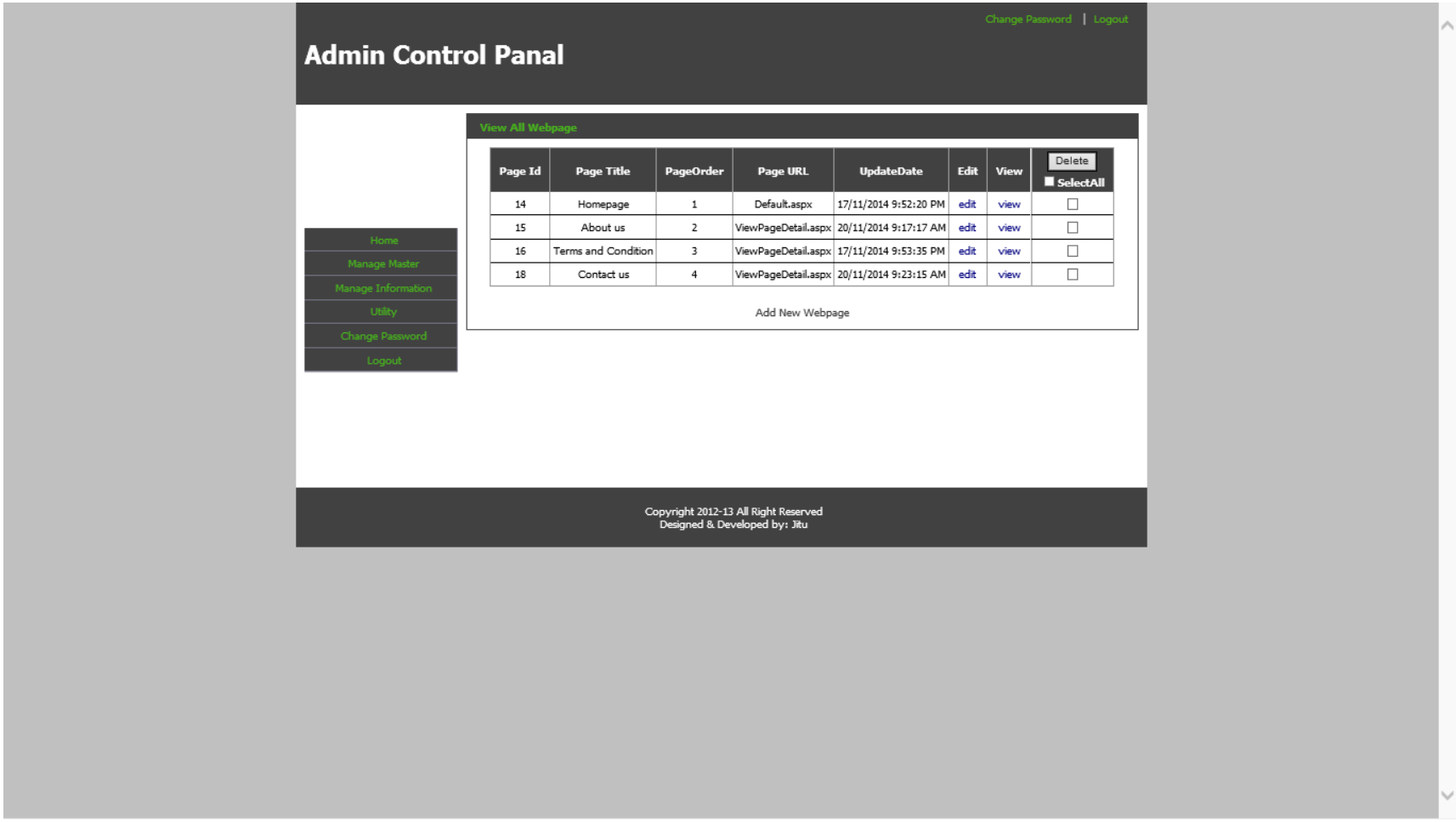
ADMIN PAGE

1.Admin homepage.



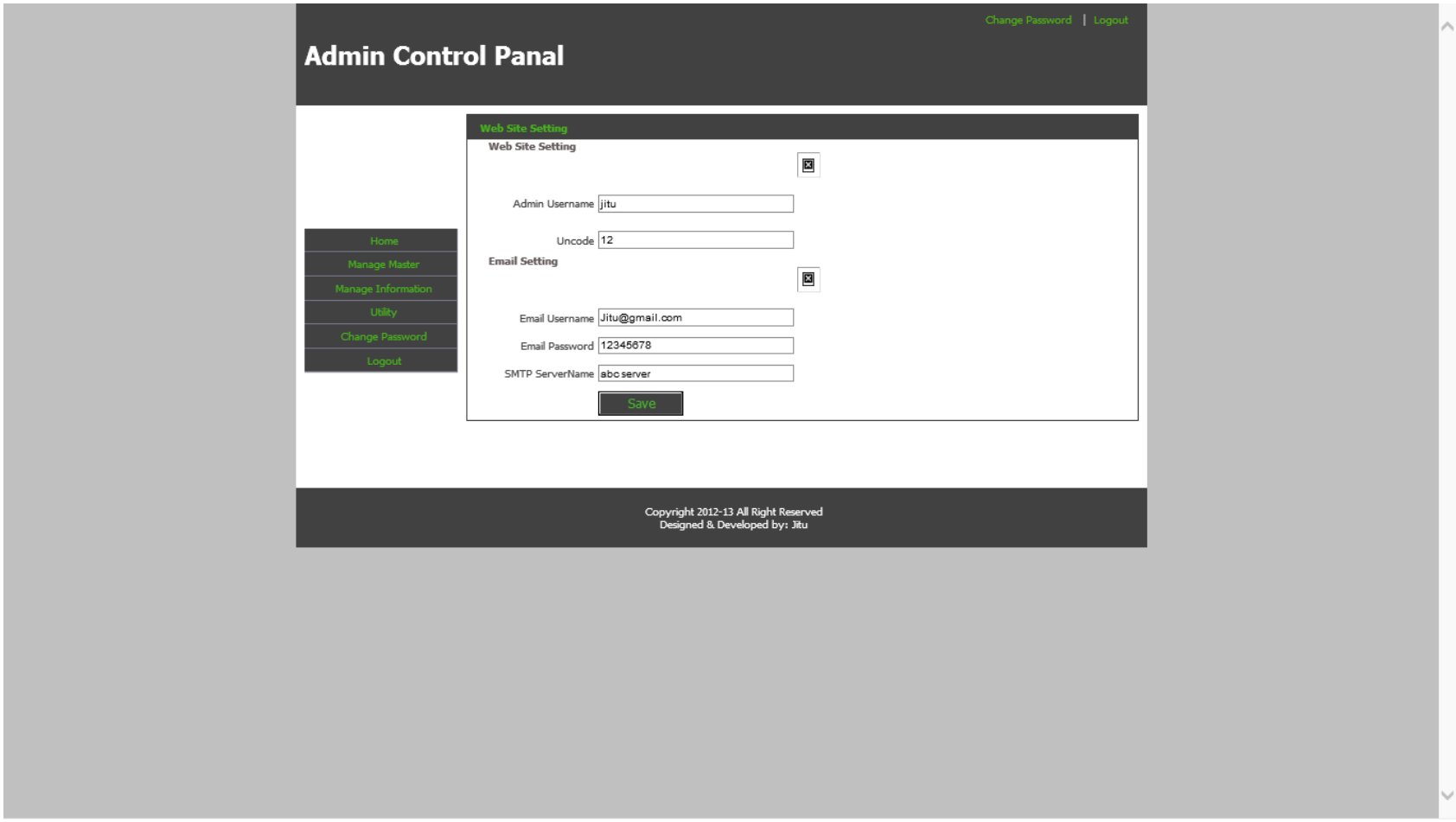
This is admin's home page.

2.Manage Webpage.



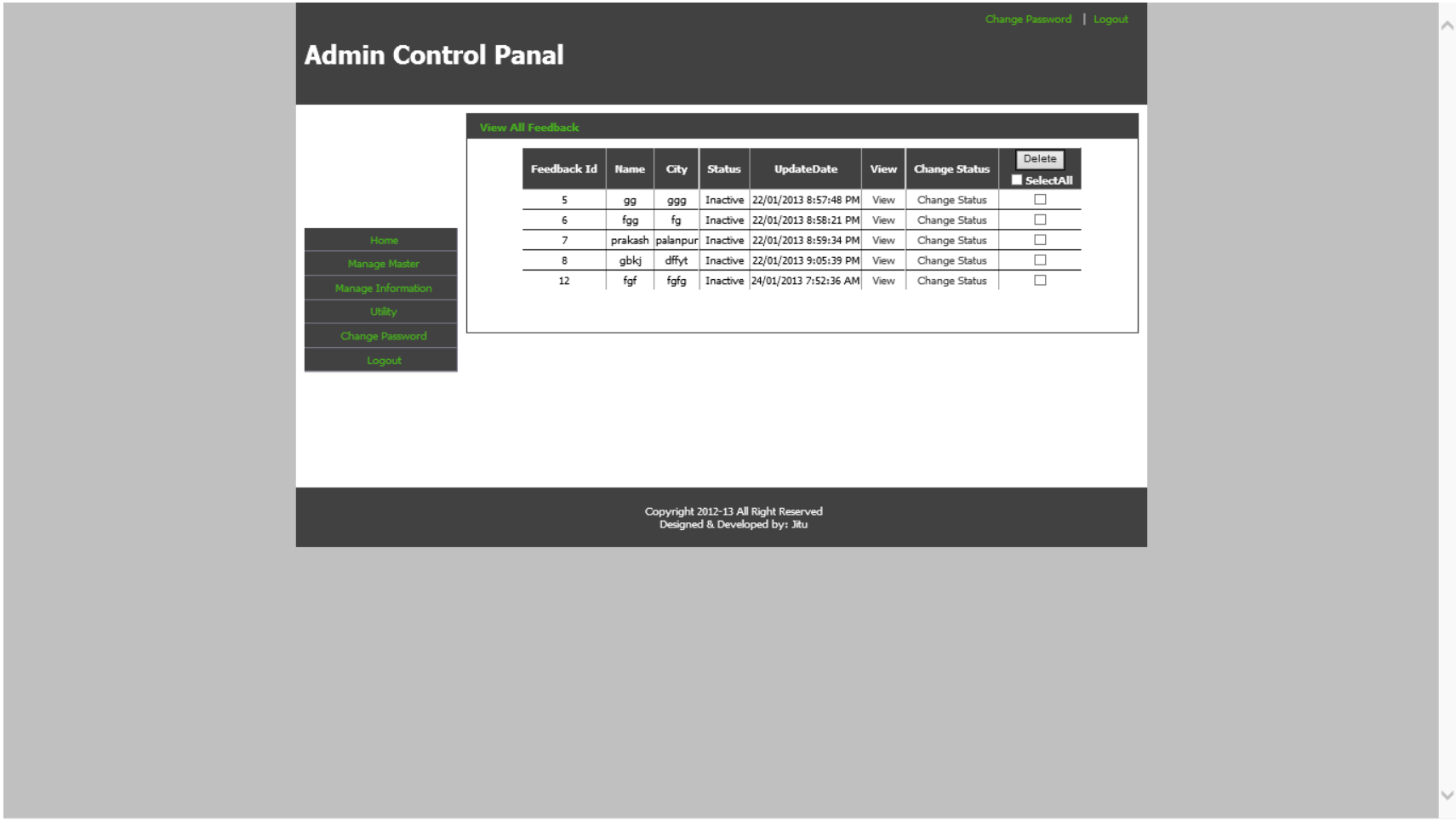
This page to manage to all the pages .

3.Web site setting



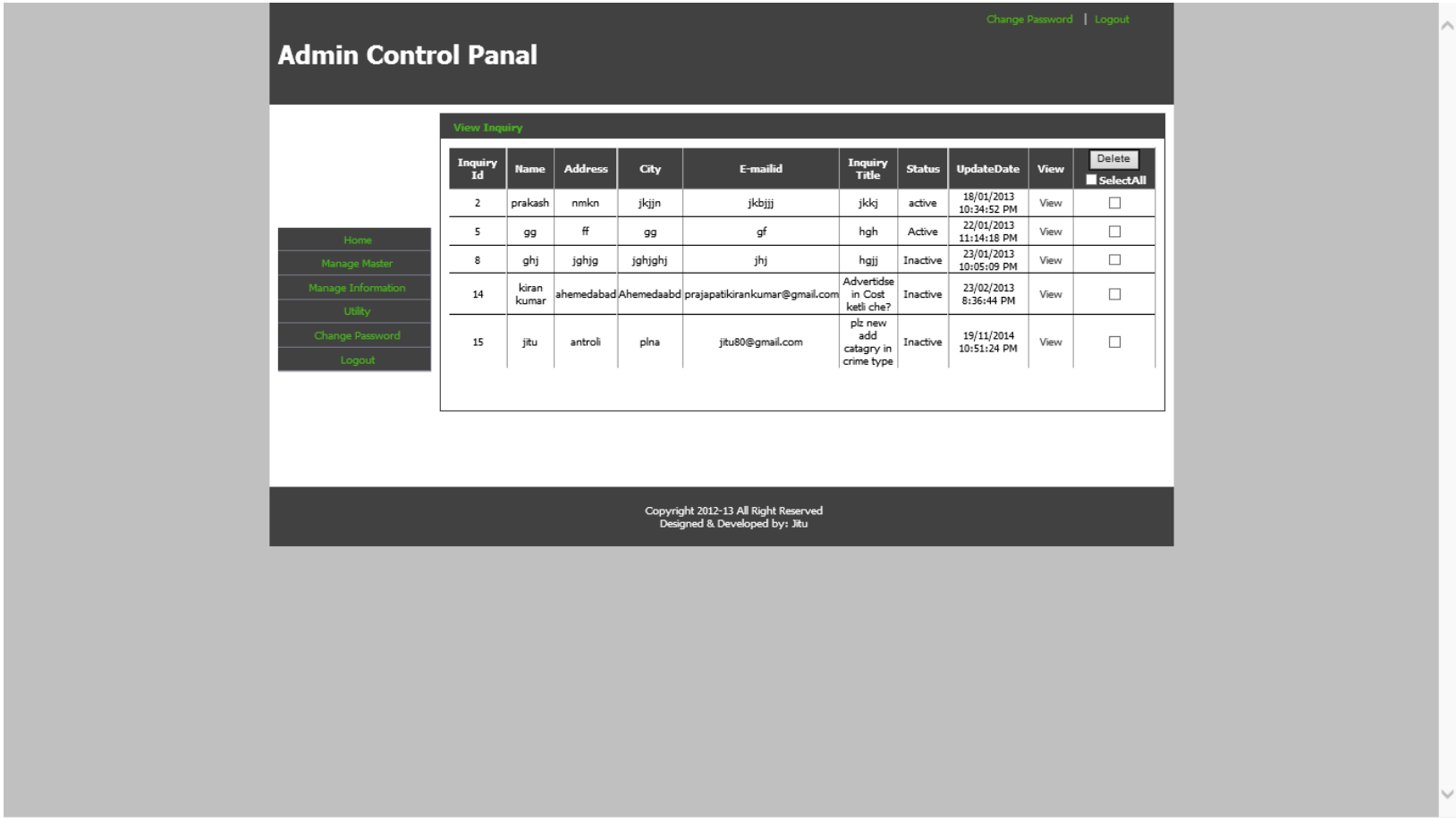
This page to setting to website .

4.View Feedback



This page to display all the feedback of the member .

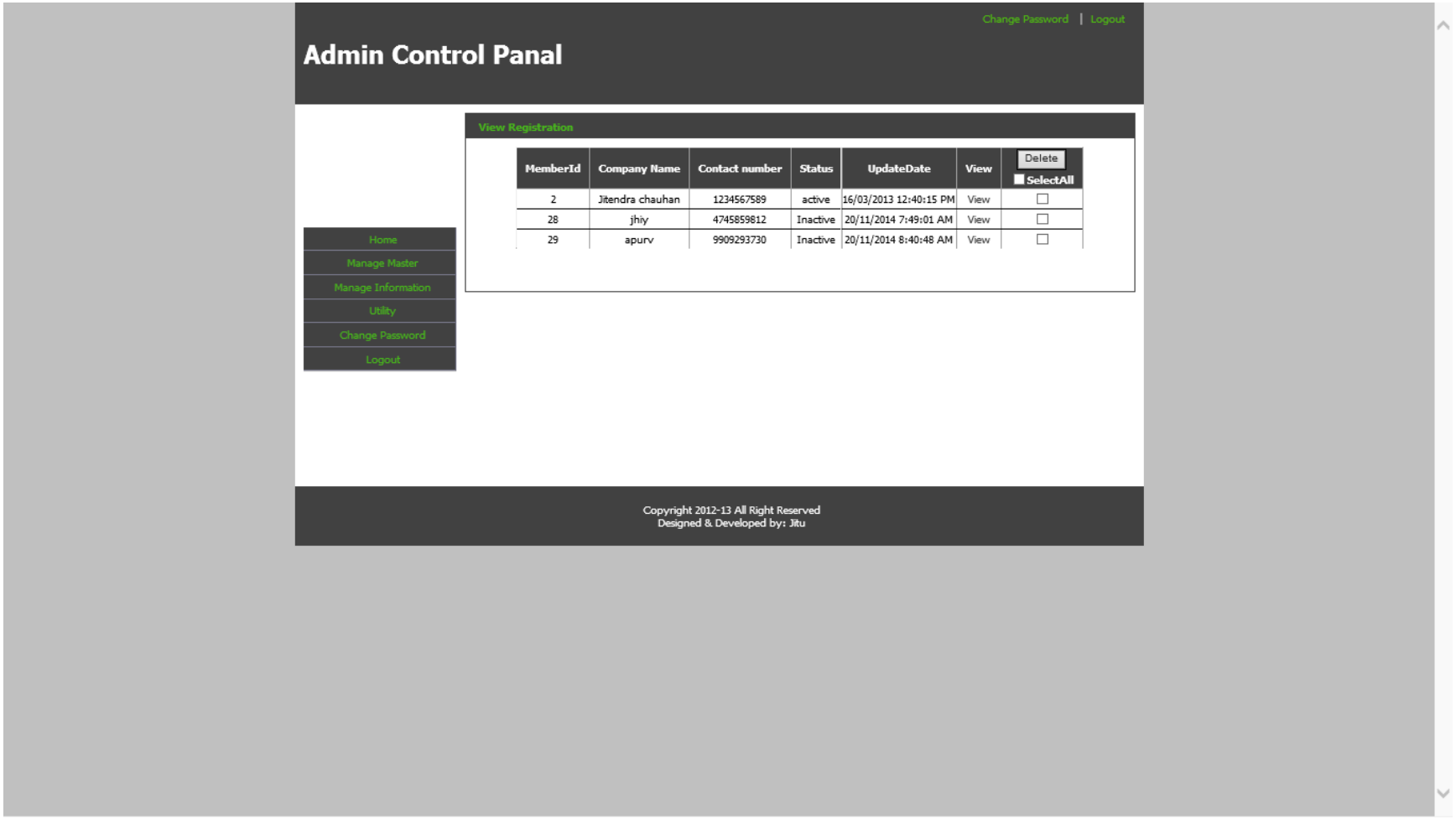
5.View Inquiry



Inquiry Id	Name	Address	City	E-mailid	Inquiry Title	Status	UpdateDate	View	
2	prakash	nmkn	jkjjn	jkbjjj	jkkj	active	18/01/2013 10:34:52 PM	View	☐
5	gg	ff	gg	gf	hgh	Active	22/01/2013 11:14:18 PM	View	☐
8	ghj	jghjg	jghjghj	jhj	hgjj	Inactive	23/01/2013 10:05:09 PM	View	☐
14	kiran kumar	ahemedabad	Ahemedaabd	prajapatikirankumar@gmail.com	Advertidse in Cost ketli che?	Inactive	23/02/2013 8:36:44 PM	View	☐
15	jitu	antroli	plna	jitu80@gmail.com	plz new add catagry in crime type	Inactive	19/11/2014 10:51:24 PM	View	☐

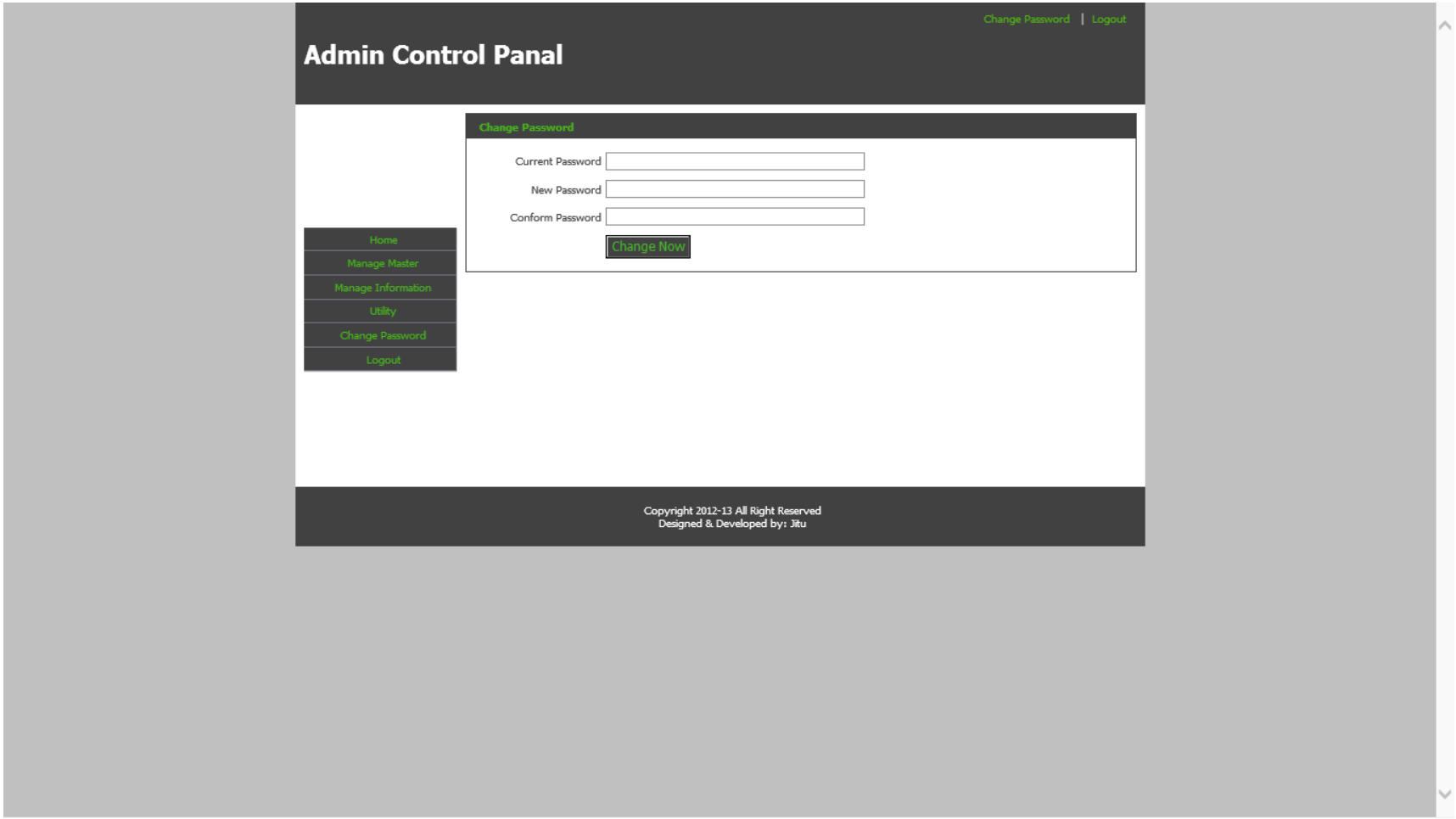
This page to view all the inquiry of the members .

6.View Registration.



This page to display all the registration member .

7.Change Password.



To Change Current Password.

13. TESTING

No	Test cases	Case Type	Expected Result	Actual Result	Pass/Fail
1	Login	1.Invalid Username	The system will not accept the invalid username and throws error	The system will not allow to login into the system	Fail
		2.Invalid Password	The system will not accept the invalid password and throws error	The system will not allow to login into the system	Fail
2	Validation Test case	1.Require field validation	Field should not be empty	Users have to enter the value	Pass

No	Test cases	Case Type	Expected Result	Actual Result	Pass/Fail
1	Editor Registration	1.Invalid Username	The system will not accept the invalid username and throws error	The system will not allow to register editor	Fail
		2.Invalid Password	The system will not accept the invalid password and throws error	The system will not allow to login into register editor	Fail
		3.Invalid Station	The system will not accept the invalid station and throws error	The system will not allow to login into register editor	Fail
2	Validation Test case	1.Require field validation	Field should not be empty	Users have to enter the value	Pass

No	Test cases	Case Type	Expected Result	Actual Result	Pass/Fail
1	Crime Registration	1.Invalid Crime type	The system will not accept the invalid crime type and throws error	The system will not allow to register crime	Fail
		2.Invalid Criminal name	The system will not accept the invalid criminal name and throws error	The system will not allow to login into register crime	Fail
		3.Invalid city	The system will not accept the invalid city and throws error	The system will not allow to login into register crime	Fail
		4Invalid Date of case	The system will not accept the invalid date of case and throws error	The system will not allow to login into register crime	
		5 Invalid station name	The system will not accept the invalid station name and throws error	The system will not allow to login into register crime	

		6 Invalid victim name	**The system will not accept the invalid victim name and throws error**	**The system will not allow to login into register crime**	
		7 Invalid Area	The system will not accept the invalid area and throws error	The system will not allow to login into register crime	
		8 Invalid Details	The system will not accept the invalid details throws error	The system will not allow to login into register crime	
		9 Invalid case status	The system will not accept the invalid case status and throws error	The system will not allow to login into register crime	
2	Validation Testcase	1.Require field validation	Field should not be empty	Users have to enter the value	Pass

No	Test cases	Case Type	Expected Result	Actual Result	Pass/Fail
1	Criminal Registration	1.Invalid Crime type	The system will not accept the invalid crime type and throws error	The system will not allow to register criminal	Fail
		2.Invalid First name	The system will not accept the invalid first name and throws error	The system will not allow to login into register criminal	Fail
		3.Invalid middle name	The system will not accept the invalid middle name and throws error	The system will not allow to login into register criminal	Fail
		4Invalid last name	The system will not accept the invalid last name and throws error	The system will not allow to login into register criminal	Fail
		5 Invalid gender	The system will not accept the invalid gender and throws error	The system will not allow to login into register criminal	Fail

		6 Invalid date of arrest	**The system will not accept the invalid victim name and throws error**	**The system will not allow to login into register crime**	**Fail**
		7 Invalid date of release	The system will not accept the invalid date of arrest and throws error	The system will not allow to login into register criminal	Fail
		8 Invalid status	The system will not accept the invalid status throws error	The system will not allow to login into register criminal	Fail
		9 Invalid age	The system will not accept the invalid case age and throws error	The system will not allow to login into register criminal	Fail

		10 Invalid height	**The system will not accept the invalid case age and throws error**	**The system will not allow to login into register criminal**	**Fail**
		11 Invalid skin color	The system will not accept the invalid skin color and throws error	The system will not allow to login into register criminal	Fail
		12 Invalid address	The system will not accept the invalid address and throws error	The system will not allow to login into register criminal	Fail
		13 Invalid Details	The system will not accept the invalid details and throws error	The system will not allow to login into register criminal	Fail

		14 Invalid city	**The system will not accept the invalid city and throws error**		
		15 Invalid image	The system will not accept the invalid image and throws error	The system will not allow to login into register criminal	Fail
2	Validation Test case	1.Require field validation	Field should not be empty	Users have to enter the value	Pass

No	Test cases	Case Type	Expected Result	Actual Result	Pass/Fail
1	Editor Registration	1.Invalid Email id	The system will not accept the invalid email id and throws error	The system will not allow to register editor	Fail
		2.Invalid First name	The system will not accept the invalid first name and throws error	The system will not allow to login into register editor	Fail
		3.Invalid middle name	The system will not accept the invalid middle name and throws error	The system will not allow to login into register editor	Fail
		4Invalid last name	The system will not accept the invalid last name and throws error	The system will not allow to login into register editor	Fail
		5 Invalid gender	The system will not accept the invalid gender and throws error	The system will not allow to login into register editor	Fail

		10 Invalid Address	**The system will not accept the invalid address and throws error**	**The system will not allow to login into register criminal**	**Fail**
		11 Invalid Image	The system will not accept the invalid image and throws error	The system will not allow to login into register editor	Fail
		12 Invalid Mobile Number	The system will not accept the invalid number and throws error	The system will not allow to login into register editor	Fail
		13 Invalid Details	The system will not accept the invalid details and throws error	The system will not allow to login into register editor	Fail
2	Validation Test case	1.Require field validation	Field should not be empty	Users have to enter the value	Pass

14. POST IMPLEMENTATION REVIEW

- Citizens not need to go police station to see the criminals information. they can directly see information on site.

- The Police officer can easily search the records of any police station through the system.

- User can search crime according to city, crime type and year.

- User can view graph of particular crime and city.

- Police officers can easily get the information about the crime and criminal .

15. FUTURE ENHANCEMENT

❖In future system will provide mail facility to editors. Editors can send mail to other
stations editor.

❖In future system will allow user to register complains online.

❖In future system will provide facility to send message.

16. BIBLIOGRAPHY

❖**Books:**

1. Asp.net with c#
   Addition: First Edition
   Author: Shyam N. Chawada
   Published:2012

2. Complete Reference c# 2.0
   Addition:Second Addition
   Author:Herbert Schildt
   Published:DEC-05

3. System Analysis & Design
   Addition:Second Addition
   Author:James A Sem
   Published:Grew Hill 1984

❖**Websites:**

www.ncrb.org
www.w3schol.com