

EX NO: 1

REG NO: 312217205063

DATE:

NAME: Pavithra K

SOFTWARE REQUIREMENT AND SPECIFICATION

Online FIR booking System.

INTRODUCTION:

Purpose:

The proposed online FIR booking System aims to assist the public for purposes of filing FIRs from home and obtain timely updates on the progress of their booking without having to go through the hassle of going to the police stations to book a complaint.

Scope:

The proposed project is purely focussed on helping people register First Information Reports (FIR), and help them monitor their bookings' progress without the need of visiting the police station. The project is divided into 3 sections, one handles the registration of the FIR, the second manages and validates the record and the final section will allow people to receive updates from police officers .

OVERALL DESCRIPTION:

Product Perspective:

The product is useful for the users to register a crime that he/she has witnessed and book an FIR without visiting a police station thereby making the process hassle free. The assigned police officer reverts back the public user once the FIR has been booked.

Product Functions:

- The user first creates a profile for him/her.
- The user registers a complaint stating the details of the crime along with the time, date and place.
- The admin accepts/rejects the complaint. If a complaint is accepted, the admin stores the complaint and assigns a complaint ID.
- The admin forwards the report filed by the user to the police personnel accessing the system.
- The assigned police officer validates the report, contacts the witness, books the FIR and finally intimates the user.

USER CLASSES AND CHARACTERISTICS:

The online FIR system can be used by the general public who wish to report a crime that they have witnessed. The system is also used by an admin who is authorised by the police department to manage all reports and complaints. The police can also login to obtain details to book FIRs.

FUNCTIONAL REQUIREMENTS:

Signup : The software contains a form to register the user's profile.

Book Complaint: This module is used to register a complaint.

Database: This is used to store the details of the user, complaint details, police personnel, police stations, admin incharge etc.

Update status: This module is used to update the complaint made by the user regarding the status by the assigned policemen.

View Complaint: This module is designed for the user to view the complaint made and check if any updates have been done.

Requirement ID	REQ – 1
Requirement Statement	Sign up/Login enables the new user to register and existing users to login.
Author	PAVITHRA.K
Revision	1.1
Release Date	Feb 7th
Keyword	Login or Signup
Scenario Description	When a user tries to access the system the Report module authenticates and authorizes the user to access the crime sheet.
Design Assumption	The sign up and login details of the user are stored in the user database. Only registered users are allowed to access the content.

Requirement ID	REQ – 2
Requirement Statement	Crime sheet for users to enter details about the crime witnessed.
Author	PAVITHRA.K

Revision	1.1
Release Date	Feb 7th
Keyword	Book Complaint
Scenario Description	Once the user is authorized, he/she fills the crimesheet.
Design Assumption	The user can either file a report or view/manage details.

Requirement ID	REQ – 3
Requirement Statement	To construct a database that stores users as well as police information regarding the crime.
Author	PAVITHRA.K
Revision	1.1
Release Date	Feb 7th
Keyword	Database
Scenario Description	When a user registers a complaint or a policeman updates a case corresponding changes are made in the database.
Design Assumption	There are various hierarchies of users that can access the system and make changes. Each user depending upon their role, will access a different table of the database.

Requirement ID	REQ – 4
Requirement Statement	Once the police personnel has viewed the case, the FIR is booked and status is updated.
Author	PAVITHRA.K
Revision	1.1
Release Date	Feb 7th
Keyword	Update Status
Scenario Description	The police manages the complaint made by the public user and books the FIR and intimates the user about the same.
Design Assumption	The report details are stored in the database along with user details. The corresponding FIR details are stored in the FIR database for the view.

Requirement ID	REQ – 5
Requirement Statement	The user can check the complaint history to check if any changes are made with regards to his or her complain
Author	PAVITHRA.K
Revision	1.1
Release Date	Feb 7th
Keyword	View Complaint
Scenario Description	The user can log into the system once again and check the status of his FIR.
Design Assumption	The report details are stored in the database along with user details.

NON-FUNCTIONAL REQUIREMENTS:

Performance: This system shall allow filing of reports or complaints at the same time without downgrading the performance.

Security: Each user is provided an unique username and password. This makes it impossible for unauthorized access.

Usability: This system shall be easy to learn and use by all the users.

Availability: This system shall be available to all users and can be accessed anywhere.

HARDWARE REQUIREMENTS:

Standard PC or Laptops

SOFTWARE REQUIREMENTS:

HTML, CSS, JAVASCRIPT, PHP, SQL SERVER

RESULT:

Thus the Software Requirements Specification for the online FIR Booking system has been developed.

Ex No: 2

Reg No::312217205063

Date:

Name: Pavithra K

USE CASE MODEL

AIM: To identify use cases and develop the Use Case Model.




USE CASE DIAGRAM:

A use case diagram is a dynamic or behavior diagram in UML. Use case diagrams model the functionality of a system using actors and use cases. Use cases are a set of actions, services, and functions that the system needs to perform. In this context, a "system" is something being developed or operated, such as a web site. The "actors" are people or entities operating under defined roles within the system.

USE CASE DIAGRAM NOTATIONS:

- **Use cases:** Horizontally shaped ovals that represent the different uses that a user might have.
- **Actors:** Stick figures that represent the people actually employing the use cases.
- **Associations:** A line between actors and use cases. In complex diagrams, it is important to know which actors are associated with which use cases.
- **System boundary boxes:** A box that sets a system scope to use cases. All use cases outside the box would be considered outside the scope of that system. For example, Psycho Killer is outside the scope of occupations in the chainsaw example found below.
- **Packages:** A UML shape that allows you to put different elements into groups. Just as with component diagrams, these groupings are represented as file folders.

USE CASE RELATIONSHIPS:

Relationship	Symbol	Meaning
Association		An actor is connected to a use case using a line with no arrowheads.
Includes		A use case contains a behavior that is common to more than one use case. The arrow points to the common use case.
Extends		A different use case handles exceptions from the basic use case.

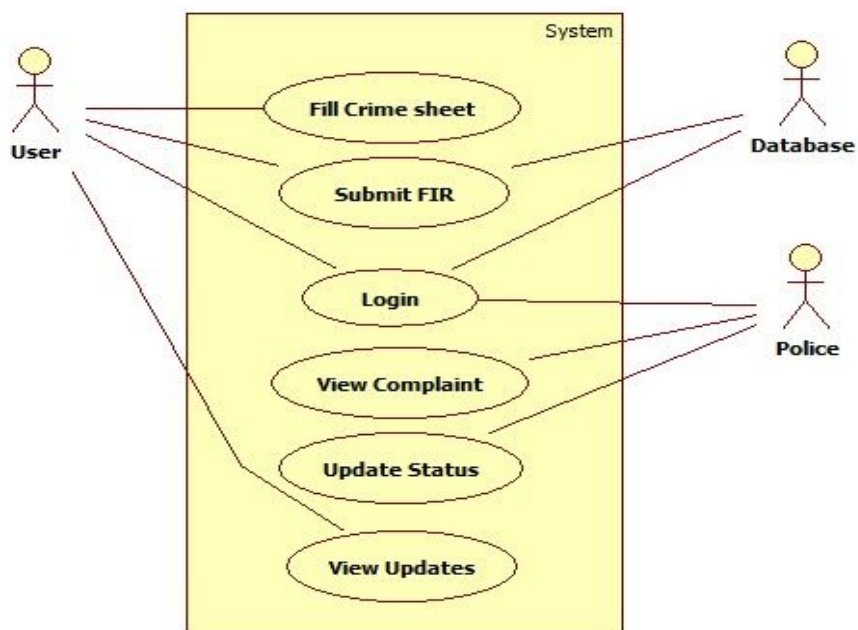
The arrow points from the extended to the basic use case.

Generalizes

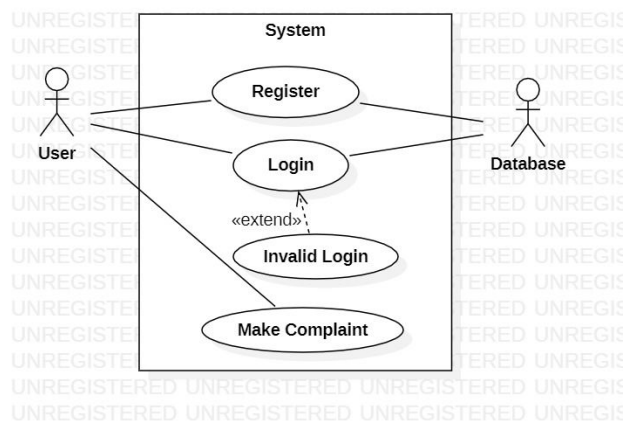


One UML "thing" is more general than another "thing." The arrow points to the general "thing."

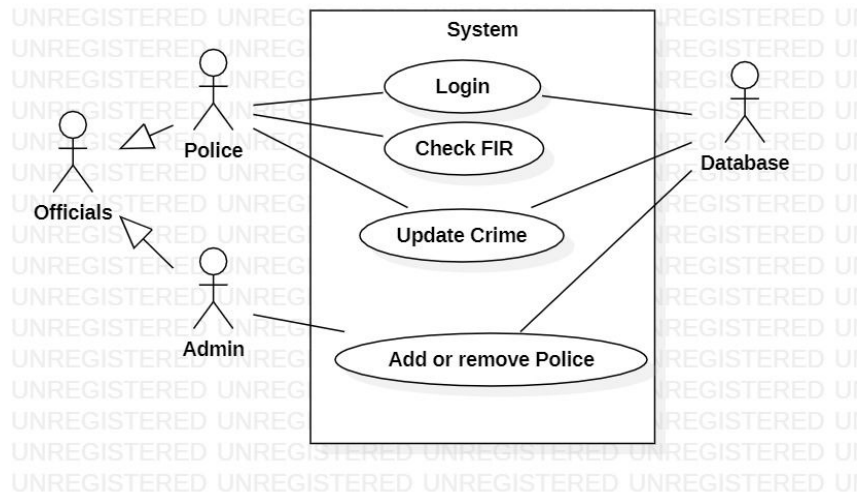
USE CASE DIAGRAM:



LOGIN MODULE:



ALTERNATE FLOW MODULE:



USE CASE TEXT:

Online FIR booking System: This system helps a public user to register a complaint and formulate a report without going to the police station. Once an FIR is generated the user is informed of the same by the system.

Actors:

User - Primary Actor

Admin - Primary Actor

Police – Secondary actor

Basic Flow:

1. The User registers an account.
2. The User logs in to their profile.
3. The User fills the Crimesheet.
4. The Complaint is then stored in the database.
5. The Police logs in to the system.
6. The Police view the complaints.
7. The Police books an FIR and proceeds with the case.
8. The complaint is updated in the Database.
9. The user can view the Case update

Alternate Flow:

1. The Admin incharge can enter the system using the official Login.
2. The Admin can add or remove policemen and police stations on the case.

Use case Specification:

Register – This module is used to register the profile for a new user.

Invalid Login– This module is used to authorize the user.

Login – This module is for the user to login to their profile.

Fill Crime Sheet- The user can fill the crime sheet along with a description.

Check FIRt- the Police, who logins to the system can check the complaint and proceed with the case.

Update FIR: The police personnel assigned to the case can make changes like culprit found etc

View Updates: The user is informed about the FIR status.

RESULT : Thus the use cases for an online FIR booking system have been identified and the Use Case Model has been developed.

EX NO: 3 a

REG NO:312217205063

Date:

NAME: Pavithra K

DOMAIN MODEL

AIM: To identify the conceptual classes and develop a domain model.

DOMAIN MODEL:

A domain model is a visual representation of conceptual classes or real-world objects in a domain of interest. The Domain Model is your organized and structured knowledge of the problem. The Domain Model should represent the vocabulary and key concepts of the problem domain and it should identify the relationships among all of the entities within the scope of the domain.

Most of the time a domain model is illustrated with a set of class diagrams which may show:

- domain objects or conceptual classes
- associations between conceptual classes
- attributes of conceptual classes

Identifying Conceptual Classes

1. Modify or reuse an existing model.
2. Use a conceptual class category list.
3. Identify name phrases.

Heuristics for Identifying Associations

Some heuristics for identifying associations are:

- examine verb phrases,
- ensure that the roles and association names are clear,
- only add an association if it improves the understanding of the domain,
- wait until the list of associations are stable before considering the multiplicity,

Identifying Attributes

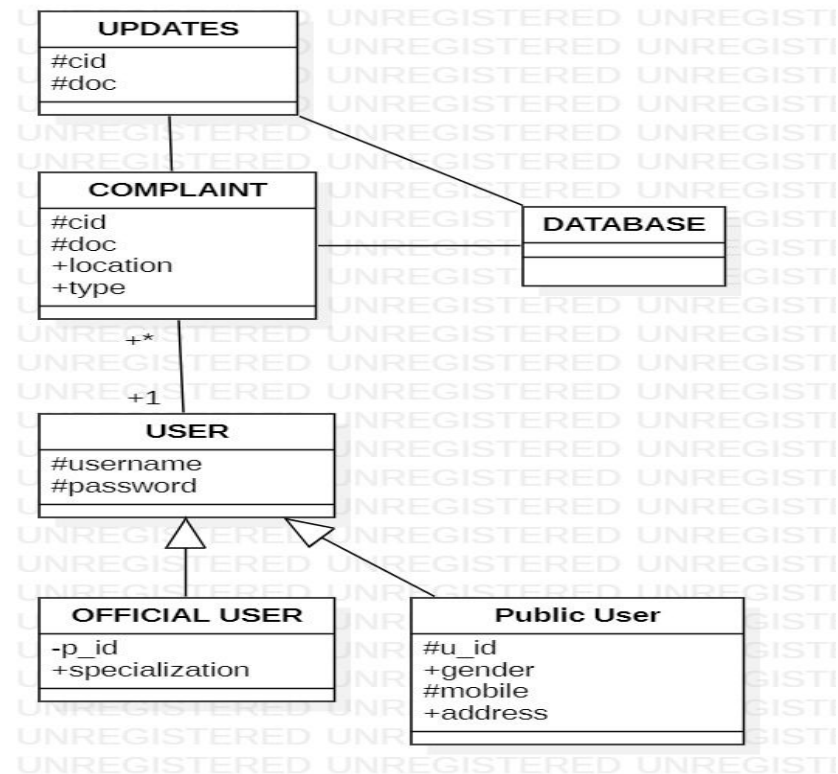
An attribute is a logical data (property) of an object (e.g. The apple is red in colour). Most attributes can be represented by simple data types

Some heuristics for identifying attributes:

- an attribute is part of the state of an object (a car's speed is 100 km/h, weight of a work item)
- attributes are required by the use case (i.e., ignore irrelevant attributes).

Judgment is required to separate attributes from associated classes.

DOMAIN MODEL FOR Online FIR Booking System:



RESULT:

Thus the conceptual classes have been identified and the domain model for an online FIR booking system has been developed.

EXP NO: 3b

REG NO:312217205063

DATE:

NAME: Pavithra K

CLASS DIAGRAM

AIM:

To derive class diagrams from the domain model.

CLASS DIAGRAM:

Class diagram is a static diagram. It represents the static view of an application. Class diagram is not only used for visualizing, describing, and documenting different aspects of a system but also for constructing executable code of the software application.

Class diagram describes the attributes and operations of a class and also the constraints imposed on the system. Class diagram shows a collection of classes, interfaces, associations, collaborations, and constraints. It is also known as a structural diagram.

A class notation consists of three parts:

1. Class Name

- The name of the class appears in the first partition.

2. Class Attributes

- Attributes are shown in the second partition.
- The attribute type is shown after the colon.
- Attributes map onto member variables (data members) in code.

3. Class Operations (Methods)

- Operations are shown in the third partition. They are services the class provides.
- The return type of a method is shown after the colon at the end of the method signature.
- The return type of method parameters is shown after the colon following the parameter name.
- Operations map onto class methods in code

Relationships in class diagram:

Generalization:

Generalization is a relationship between two classes: a general class and a special class:



Association

An association represents a relationship between two classes:



An association indicates that objects of one class have a relationship with objects of another class, in which this connection has a specifically defined meaning .

Multiplicity

A multiplicity allows for statements about the number of objects that are involved in an association:

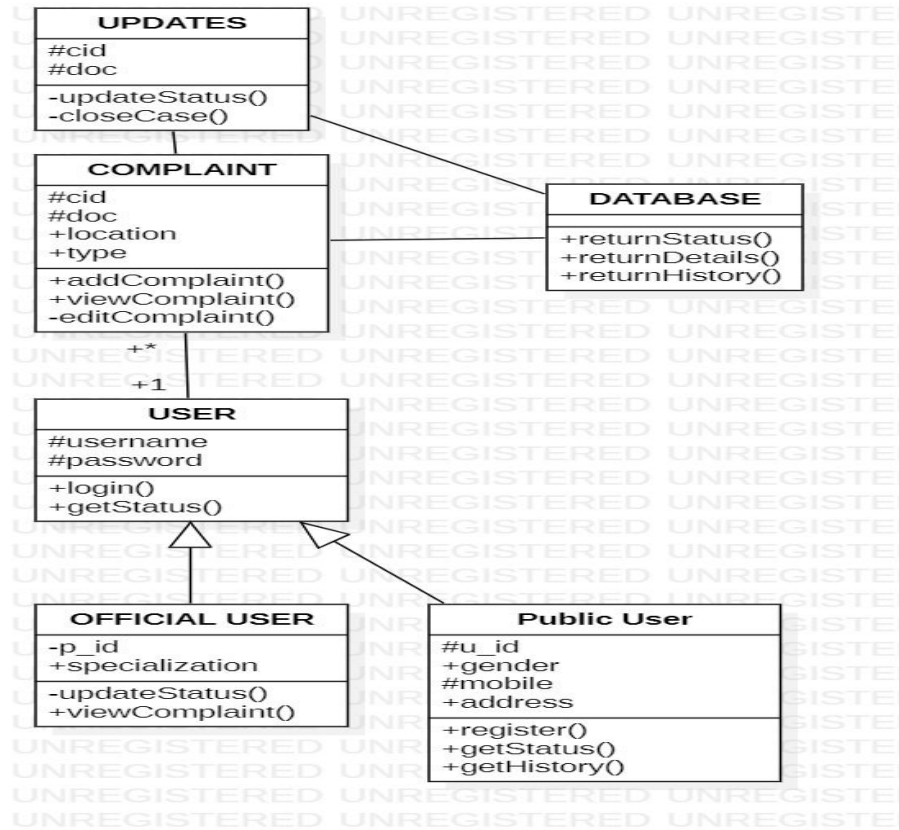


Aggregation

An aggregation is a special case of an association (see above) meaning “consists of”:



CLASS DIAGRAM FOR Online FIR Booking System:



RESULT:

Thus the class diagram has been derived from the domain model.

Ex No: 4

Reg No:312217205063

Date:

Pavithra K

a) SEQUENCE DIAGRAM

AIM:

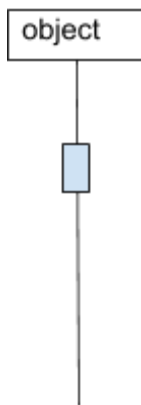
To recognize the sequence of events in a system and draw a sequence diagram.

SEQUENCE DIAGRAM:

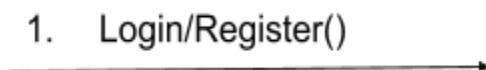
The system sequence is represented as the interactions made by actors with the objects and the operations initiated by them. It focuses on what the system does rather than how it does it. The sequence diagram as a whole is used for depicting the behaviour of the system. Sequence diagrams are derived from use cases and they one use case scenario. It is a type of Interaction Diagram.

The various components of a sequence diagram are:

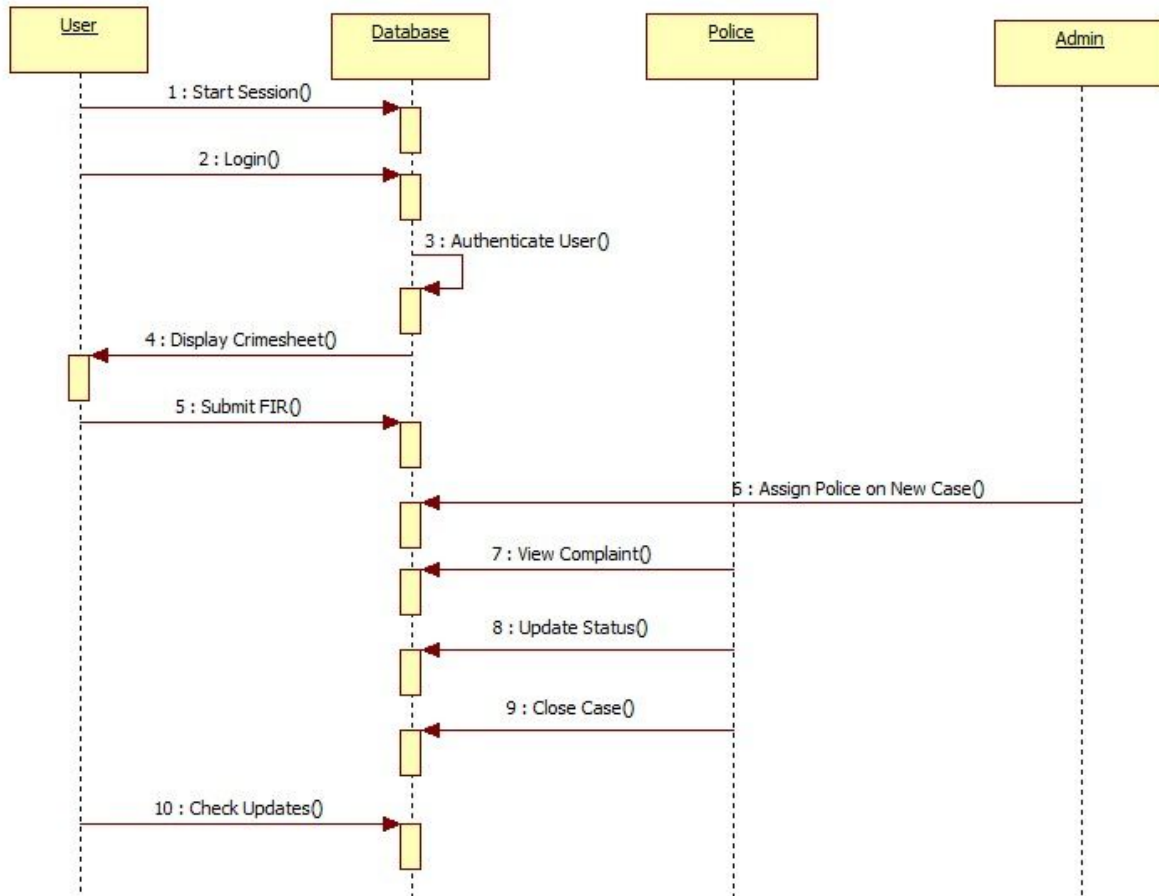
- ❖ **Life Line or Time Line:** The vertical dotted line used to denote the object's life during the interaction.
- ❖ **Box:** Used to denote the class or an object in the interaction.



- ❖ **Messages:** Represent the event taking place between 2 objects on a line.



Sequence Diagram



4 (b) Collaboration Diagram for Online FIR Booking System:

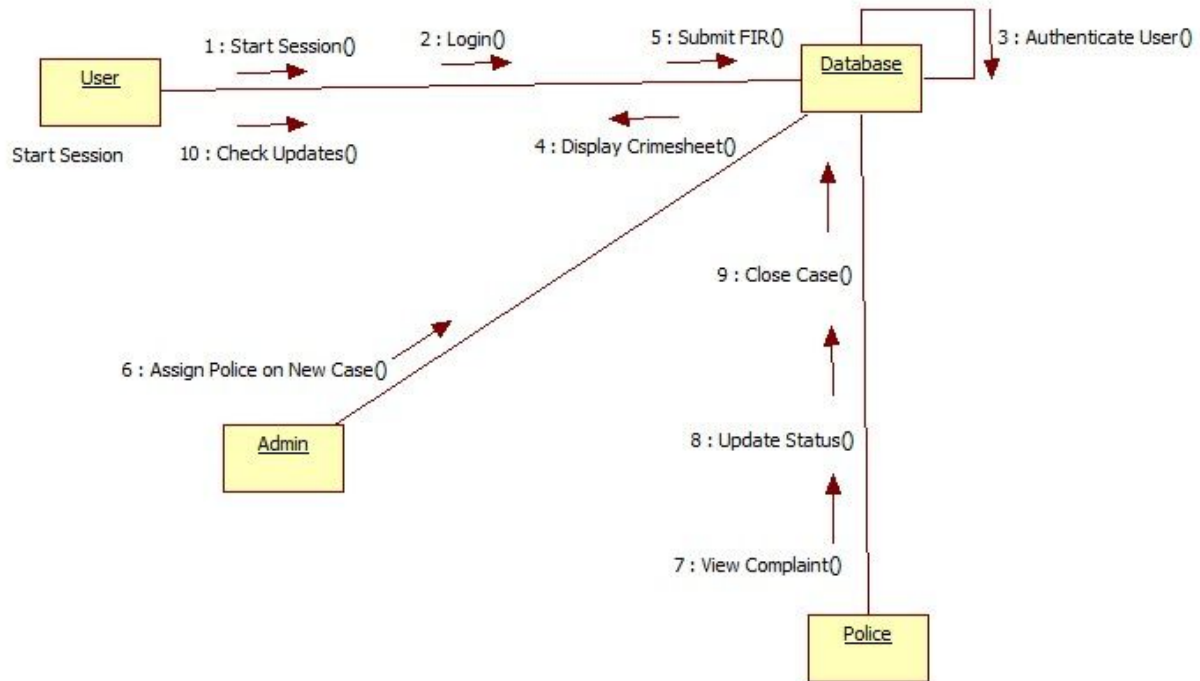
DESCRIPTION:

A Collaboration Diagram shows the objects and relationships involved in an interaction and the sequence of messages exchanged among the objects. It represents the structural organization of the object. Both sequence and Collaboration diagrams are types of Interaction diagrams.

Components of a Sequence Diagram:

- ❖ **Objects and Links:** used to represent the classes and their relationships.
- ❖ **Messages :** used to describe an event or exchange between two objects.

COLLABORATION DIAGRAM:



Result :

The sequence and Collaboration diagram have been drawn for an Online FIR Booking System.

EX NO: 5

312217205063

DATE :

PAVITHRA.K

ACTIVITY DIAGRAM

AIM:

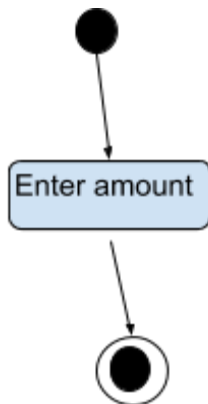
to recognize the flow of events in a system and draw an Activity Diagram.

DESCRIPTION:

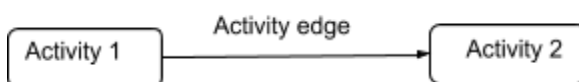
Activity diagram is another important diagram in UML to describe the dynamic aspects of the system. Activity diagram is basically a flowchart to represent the flow from one activity to another activity. The activity can be described as an operation of the system. The control flow is drawn from one operation to another. The difference from a flowchart is the diagram is used to denote concurrent events.

Components of an Activity Diagram:

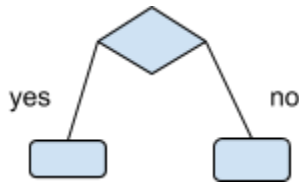
- ❖ Initial and Final activities: used to denote the start and end of an interaction.



- ❖ Activities: Denotes the executable events or activities.
- ❖ Activity Edge: also called control or data flow edge used to denote the flow of activities.



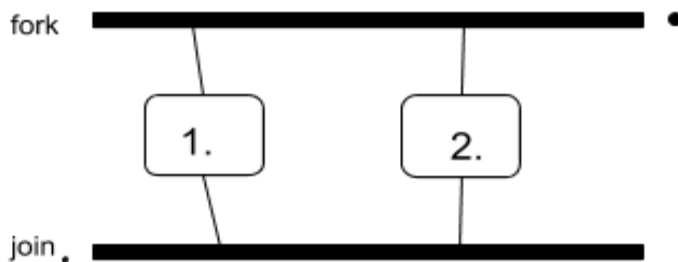
- ❖ **Decision points:** They represent a decision or choice when the activity diverges.



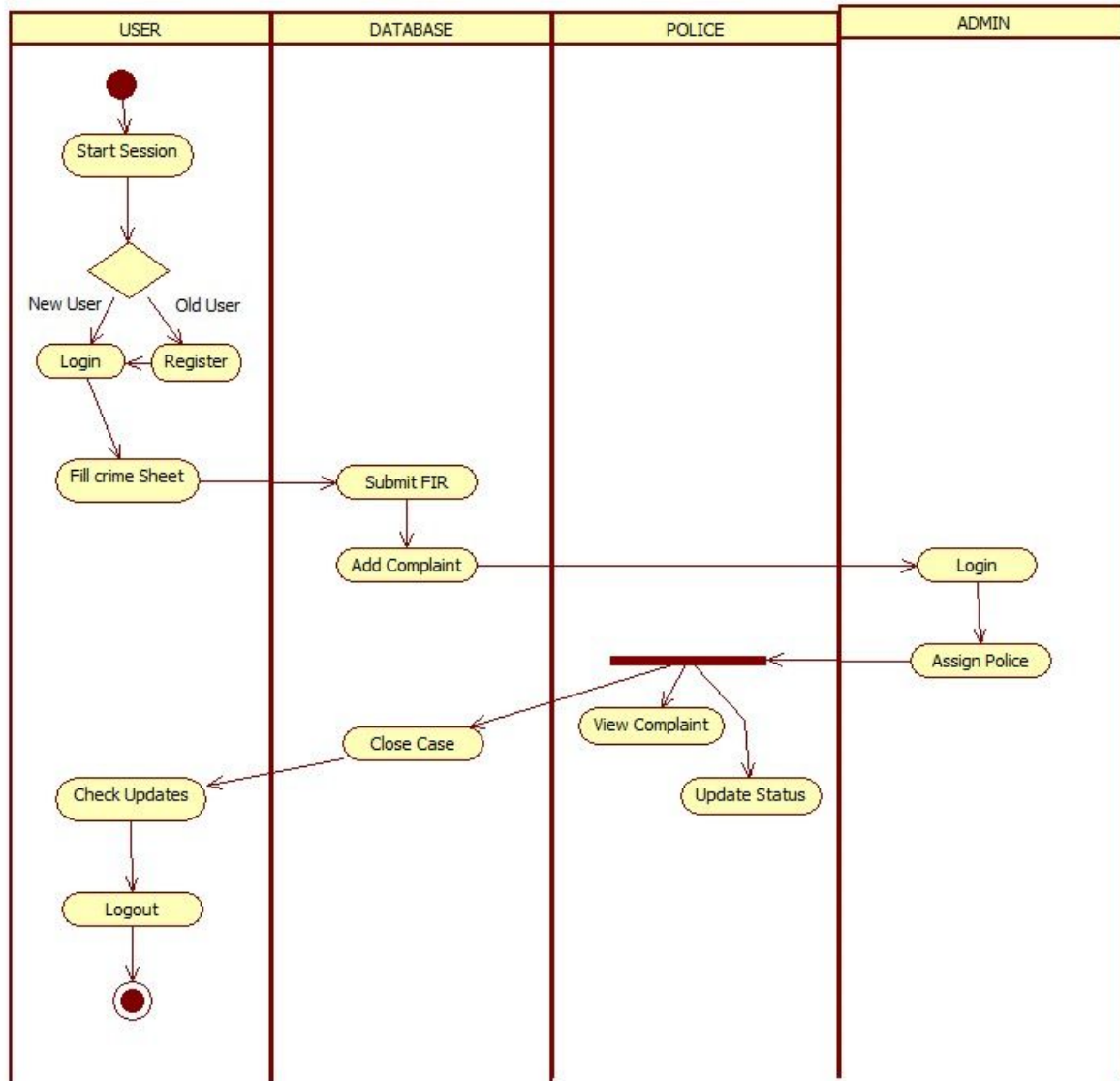
- ❖ **swimlanes:** A swimlane (or swimlane diagram) is used in activity diagrams, or flowcharts, that visually distinguishes job sharing and responsibilities for sub-processes of a business process. Swimlanes may be arranged either horizontally or vertically.

customer	Bank	ATM System

- ❖ **Fork and Join:** In an activity diagram, the fork–join model is a way of setting up and executing parallel programs, such that execution branches off in parallel at designated points in the program, to "join" (merge) at a subsequent point and resume sequential execution.



Activity diagram:



RESULT: The activity diagram has been drawn for an Online FIR booking system using swimlanes.

EX NO: 6

312217205063

DATE:

PAVITHRA.K

STATE CHART DIAGRAM

AIM:

To design a state chart diagram for an Online FIR Booking System..

STATE CHART DIAGRAM:

Statechart diagram focuses on the dynamic aspect of the system. A state is an ongoing structured execution of behaviour. A statechart diagram is similar to flowchart in which flow control from state to state is shown in the diagram.

The state chart diagram consists of the:

INITIAL STATE:

The initial state is represented by a solid circle. From this circle the transition to the first state diagram starts. It starts the execution from this point.



FINAL STATE:

The symbol used to represent the final state is the bull's eye. This state represents the termination of all states at this point.



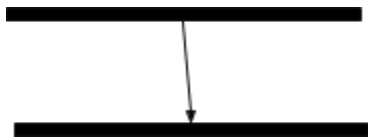
TRANSITION:

The Relationship between the two states is indicated using the transition. When Some event occurs when the object moves or transits from one state to another state. This is represented using transition.



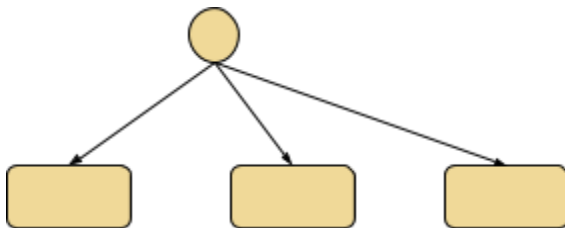
SYNCHRONIZATION:

The fork and join are represented by the thick horizontal and vertical bars which is known as the synchronization bars. The two types of activities are the sequential and concurrent activities. The activities performed on after other is the sequential activities and activities performed at the same time are the concurrent activities.

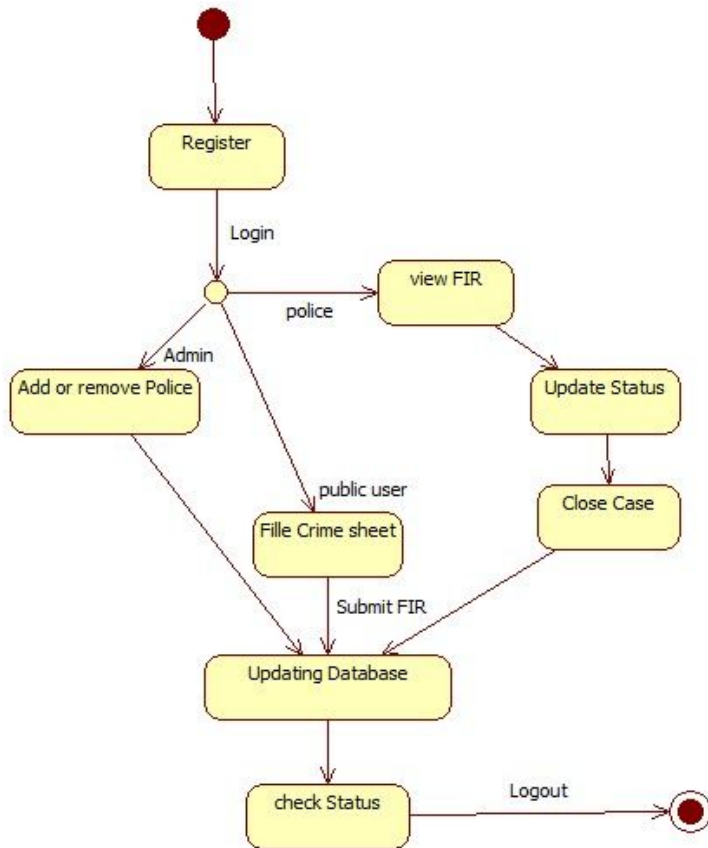


CHOICE POINT:

A decision node or decision point is a control node which has one input edge and multiple outgoing edges.



STATECHART DIAGRAM



RESULT:

The State chart diagram for the Online FIR Booking System has been designed successfully.

EXP NO: 7

REG NO: 312217205063

DATE:

NAME: PAVITHRA.K

IMPLEMENTATION OF ONLINE FIR BOOKING SYSTEM

AIM:

To implement an Online FIR Booking System using php and SQL server.

DESCRIPTION:

The project aims at providing an Online Crime Portal for users to Book complaints or FIRs online without going to the Police Station. The Police personnel can also view the Complaints made by the public and proceed with the case. An Official Login is also provided in which Admin Members can look at the History of Complaints and add or remove Policemen and Police stations.

The data to login as an official Admin or Police personnel is already dumped into the MYSQL database named 'crime_portal'. The database consists of six tables 'user', 'complaint', 'head', 'police', 'police_station', 'update_case' to store the different information.

CODE:

registration.php

```
<!DOCTYPE html>
<html>
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname="crime_portal";

if(isset($_POST['s'])) {
    $con=new mysqli($servername,$username,$password,$dbname);
    if($con->connect_error)
    {
        die("could not connect:".$con->connect_error);
    }
    if($_SERVER["REQUEST_METHOD"]=="POST"){
```

```

$u_name=$_POST['name'];
$u_id=$_POST['email'];
$u_pass=$_POST['password'];
$u_addr=$_POST['adress'];
$a_no=$_POST['aadhar_number'];
$gen=$_POST['gender'];
$mob=$_POST['mobile_number'];

$reg="INSERT INTO user
VALUES('$u_name','$u_id','$u_pass','$u_addr','$a_no','$gen','$mob')";
mysqli_select_db($con,"$database");
$res=mysqli_query($con,"$reg");
if(!$res)
{
$message1 = "User Already Exist";
echo "<script type='text/javascript'>alert('$message1');</script>";
}
else
{
$message = "User Registered Successfully";
echo "<script type='text/javascript'>alert('$message');</script>";
}
}
?>

<script>
function f1()
{
var sta=document.getElementById("name1").value;
var sta1=document.getElementById("email1").value;
var sta2=document.getElementById("pass").value;
var sta3=document.getElementById("addr").value;
var sta4=document.getElementById("aadh").value;
var sta5=document.getElementById("mobno").value;

var x=sta.trim();
var x1=sta1.indexOf(' ');

```



```
var x2=sta2.indexOf(' ');
var x3=sta3.trim();
var x4=sta4.indexOf(' ');
    var x5=sta5.indexOf(' ');
    if(sta1!="" && x== ""){
        document.getElementById("name1").value="";
        document.getElementById("name1").focus();
        alert("Space Not Allowed");
    }

    else if(sta1!="" && x1>=0){
document.getElementById("email1").value="";
document.getElementById("email1").focus();
        alert("Space Not Allowed");
    }
    else if(sta2!="" && x2>=0){
document.getElementById("pass").value="";
document.getElementById("pass").focus();
        alert("Space Not Allowed");
    }
    else if(sta3!="" && x3== ""){
document.getElementById("addr").value="";
document.getElementById("addr").focus();
        alert("Space Not Allowed");
    }
    else if(sta4!="" && x4>=0){
document.getElementById("aadh").value="";
document.getElementById("aadh").focus();
        alert("Space Not Allowed");
    }
    else if(sta5!="" && x5>=0){
document.getElementById("mobno").value="";
document.getElementById("mobno").focus();
        alert("Space Not Allowed");
    }
}
</script>
```

```

<head>
<title>User Registration</title>

<link rel="stylesheet" type="text/css"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">
<link
href="http://fonts.googleapis.com/css?family=Lato:300,400,700,300italic,400italic,700italic"
rel="stylesheet" type="text/css">
<link href="complainer_page.css" rel="stylesheet" type="text/css" media="all" />

</head>
<body>

<nav class="navbar navbar-default navbar-fixed-top">
  <div class="container">
    <div class="navbar-header">
      <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#navbar" aria-expanded="false" aria-controls="navbar">
        <span class="sr-only">Toggle navigation</span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </button>
      <a class="navbar-brand" href="home.php"><b>Crime Portal</b></a>
    </div>
    <div id="navbar" class="collapse navbar-collapse">
      <ul class="nav navbar-nav">
        <li class="active"><a href="registration.php">Registration</a></li>
      </ul>
    </div>
  </div>
</nav>

<div class="video" style="margin-top: 5%">
  <div class="center-container">
    <div class="bg-agile">
      <br><br>
      <div class="login-form">

```

```

        <form action="#" method="post">
            <p style="color:#dfdfdf">Full Name</p><input
type="text" name="name" required="" id="name1" onfocusout="f1()" />
            <p style="color:#dfdfdf">Email-Id</p><input
type="email" name="email" required="" id="email1" onfocusout="f1()" />
            <p style="color:#dfdfdf">Password</p><input type="text" name="password"
placeholder="6 Character minimum" pattern=".{6,}" id="pass" onfocusout="f1()" />
            <p style="color:#dfdfdf">Home Adress</p><input
type="text" name="adress" required="" id="addr" onfocusout="f1()" />
            <p style="color:#dfdfdf">Aadhar Number</p><input
type="text" name="aadhar_number" minlength="12" maxlength="12" required
pattern="[123456789][0-9]{11}" id="aadh" onfocusout="f1()" />
            <div class="left-w3-agile">
                <p style="color:#dfdfdf">Gender</p><select
class="form-control" name="gender">
                    <option>Male</option>
                    <option>Female</option>
                    <option>Others</option>
                </select>
            </div>
            <div class="right-agileits">
                <p style="color:#dfdfdf">Mobile</p><input
type="text" name="mobile_number" required pattern="[6789][0-9]{9}" minlength="10"
maxlength="10" id="mobno" onfocusout="f1()" />
            </div>
            <input type="submit" value="Submit" name="s">
        </form>
    </div>
</div>
</div>
<script type="text/javascript" src="https://code.jquery.com/jquery-2.1.4.js"></script>
<script type="text/javascript"
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>
</body>
</html>

```

police_complain.php

```
<!DOCTYPE html>
<html>
<head>

    <?php

$servername = "localhost";
$username = "root";
$password = "";
$dbname="crime_portal";
    session_start();
    if(!isset($_SESSION['x']))
        header("location:police_login.php");
    $conn=mysqli_connect($servername,$username,$password,$dbname);
    if(!$conn)
    {
        die("could not connect".mysqli_connect_error());
    }
    mysqli_select_db($conn,$dbname);

    $cid=$_SESSION['cid'];
    $p_id=$_SESSION['pol'];

    $query="select c_id,type_crime,d_o_c,description,mob,u_addr from complaint_natural_join
user where c_id='$cid' and p_id='$p_id'";
    $result=mysqli_query($conn,$query);

    if(isset($_POST['status'])) {
        if($_SERVER["REQUEST_METHOD"]=="POST")
        {
            $upd=$_POST['update'];
            $sql=mysqli_query($conn,"insert into update_case(c_id,case_update)
values('$cid','$upd')");
        }
    }

    if(isset($_POST['close'])) {
        if($_SERVER["REQUEST_METHOD"]=="POST")
```

```

    {
        $sup=$_POST['final_report'];
        $qu2=mysqli_query($conn,"insert into update_case(c_id,case_update)
values('$cid','$sup')");
        $q2=mysqli_query($conn,"update complaint set pol_status='ChargeSheet Filed' where
c_id='$cid'");

    }
}
$res2=mysqli_query($conn,"select d_o_u,case_update from update_case where c_id='$cid'");

?>

```

```

<title>Incharge Homepage</title>
<link rel="stylesheet" type="text/css"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">
<link rel="stylesheet" type="text/css"
href="https://maxcdn.bootstrapcdn.com/font-awesome/4.4.0/css/font-awesome.min.css">
<link
href="http://fonts.googleapis.com/css?family=Lato:300,400,700,300italic,400italic,700italic"
rel="stylesheet" type="text/css">
<script>
    function fl()
    {
        var sta2=document.getElementById("ciid").value;
        var x2=sta2.indexOf(' ');
        if(sta2=="" && x2>=0){
            document.getElementById("ciid").value="";
            alert("Blank Field Not Allowed");
        }
    }
</script>
</head>
<body>
    <nav class="navbar navbar-default navbar-fixed-top">
    <div class="container">
    <div class="navbar-header">

```

```

        <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#navbar" aria-expanded="false" aria-controls="navbar">
        <span class="sr-only">Toggle navigation</span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
    </button>
    <a class="navbar-brand" href="home.php"><b>Crime Portal</b></a>
</div>
<div id="navbar" class="collapse navbar-collapse">

    <ul class="nav navbar-nav navbar-right">
        <li><a href="police_pending_complain.php">View Complaints</a></li>
        <li class="active"><a href="police_complainDetails.php">Complaints Details</a></li>
        <li><a href="p_logout.php">Logout &nbsp;<i class="fa fa-sign-out"
aria-hidden="true"></i></a></li>
    </ul>
</div>
</div>
</nav>
<div style="padding:50px; margin-top:10px;">
    <table class="table table-bordered">
        <thead class="thead-dark" style="background-color: black; color: white;">
            <tr>
                <th scope="col">Complaint Id</th>
                <th scope="col">Type of Crime</th>
                <th scope="col">Date of Crime</th>
                <th scope="col">Description</th>
                <th scope="col">Complainant Mobile</th>
                <th scope="col">Complainant Address</th>
            </tr>
        </thead>
        <?php
            while($rows=mysqli_fetch_assoc($result)){
                ?>
            <tbody style="background-color: white; color: black;">
                <tr>
                    <td><?php echo $rows['c_id']; ?></td>

```

```

        <td><?php echo $rows['type_crime']; ?></td>
        <td><?php echo $rows['d_o_c']; ?></td>
        <td><?php echo $rows['description']; ?></td>
        <td><?php echo $rows['mob']; ?></td>
        <td><?php echo $rows['u_addr']; ?></td>
    </tr>
</tbody>
<?php
}
?>

</table>
</div>

<div style="padding:50px; margin-top:8px;">
    <table class="table table-bordered">
        <thead class="thead-dark" style="background-color: black; color: white;">
            <tr>
                <th scope="col">Date Of Update</th>
                <th scope="col">Case Update</th>
            </tr>
        </thead>
        <?php
            while($rows1=mysqli_fetch_assoc($res2)){
                ?>
                <tbody style="background-color: white; color: black;">
                    <tr>

                        <td><?php echo $rows1['d_o_u']; ?></td>
                        <td><?php echo $rows1['case_update']; ?></td>

                    </tr>
                </tbody>
            <?php
        }
    ?>

```

</table>

</div>

<div style="width: 100%; height: 250px;">

<div style="width: 50%;float: left;height: 250px; background-color: #dcdcdc">

<form method="post">

<h5 style="text-align: center;">Complaint ID</h5>

<input type="text" name="cid" style="margin-left: 47%; width: 50px;" disabled
value="<?php echo "\$cid" ?>">

<select class="form-control" style="align-content: center;margin-top: 20px; margin-left:
35%; width: 180px;" name="update">

<option>Criminal Verified</option>

<option>Criminal Caught</option>

<option>Criminal Interrogated</option>

<option>Criminal Accepted the Crime</option>

<option>Criminal Charged</option>

</select>

<input class="btn btn-primary btn-sm" type="submit" value="Update Case Status"
name="status" style="margin-top: 10px; margin-left: 40%;">

</form>

</div>

<div style="width: 50%;float: right;height: 250px; background-color: #dfdfdf;">

<form method="post">

<textarea name="final_report" cols="40" rows="5" placeholder="Final Report"
style="margin-top: 20px;margin-left: 20px;" id="ciid" onfocusout="f1()" required></textarea>

<div>

<input class="btn btn-danger" type="submit" value="Close Case" name="close"
style="margin-left: 20px; margin-top: 10px; margin-bottom: 20px;">

</div>

</form>

</div>


```

</div>
<div style="position: relative;
float: left;
margin-bottom: 0px;
left: 0;
bottom: 0;
width: 100%;
height: 30px;
background-color: rgba(0,0,0,0.8);
color: white;
text-align: center;">
<h4 style="color: white;">&copy <b>Crime Portal 2018</b></h4>
</div>

<script type="text/javascript" src="https://code.jquery.com/jquery-2.1.4.js"></script>
<script type="text/javascript"
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>
</body>
</html>

```

headhome.php

```

<!DOCTYPE html>
<html>
<head>

```

```

<?php

```

```

$servername = "localhost";
$username = "root";
$password = "";
$dbname="crime_portal";

session_start();
if(!isset($_SESSION['x']))
    header("location:headlogin.php");

$conn=mysqli_connect($servername,$username,$password,$dbname);
if(!$conn)

```

```

{
    die("could not connect".mysqli_connect_error());
}
mysqli_select_db($conn,"$database");

if(isset($_POST['s1']))
{
    if($_SERVER["REQUEST_METHOD"]=="POST")
    {
        $cid=$_POST['cid'];
        $_SESSION['cid']=$cid;
        header("location:head_case_details.php");
    }
}

```

```

if(isset($_POST['s2']))
{
    if($_SERVER["REQUEST_METHOD"]=="POST")
    {
        $loc=$_POST['loc'];
        $_SESSION['loc']=$loc;
        header("location:headHome1.php");
    }
}

```

?>

```

<title>HQ Homepage</title>
<link rel="stylesheet" type="text/css"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">
<link rel="stylesheet" type="text/css"
href="https://maxcdn.bootstrapcdn.com/font-awesome/4.4.0/css/font-awesome.min.css">
<link
href="http://fonts.googleapis.com/css?family=Lato:300,400,700,300italic,400italic,700italic"
rel="stylesheet" type="text/css">

```

```

<script>
function fl()
{

    var sta2=document.getElementById("ciid").value;


var x2=sta2.indexOf(' ');


    if(sta2!="" && x2>=0){
document.getElementById("ciid").value="";
    alert("Blank Field Not Allowed");
    }

}

}

</script>
</head>
<body style="background-image: url(search1.jpeg); ">
    <nav class="navbar navbar-default navbar-fixed-top">
    <div class="container">
    <div class="navbar-header">
        <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#navbar" aria-expanded="false" aria-controls="navbar">
            <span class="sr-only">Toggle navigation</span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
        </button>

```

```

        <a class="navbar-brand" href="home.php"><b>Crime Portal</b></a>
    </div>
    <div id="navbar" class="collapse navbar-collapse">
        <ul class="nav navbar-nav">
            <li><a href="official_login.php">Official Login</a></li>
            <li><a href="headlogin.php">HQ Login</a></li>
            <li class="active"><a href="headHome.php">HQ Home</a></li>
        </ul>
        <ul class="nav navbar-nav navbar-right">
            <li class="active"><a href="headHome.php">View Complaints</a></li>
            <li><a href="head_view_police_station.php">Police Station</a></li>
            <li><a href="h_logout.php">Logout &nbsp;<i class="fa fa-sign-out"
aria-hidden="true"></i></a></li>
        </ul>
    </div>
</div>
</nav>

<div>
    <form style="margin-top: 10%; margin-left: 40%;" method="post">
        <input type="text" name="cid" style="width: 250px; height: 30px;" placeholder="&nbsp;   
Complaint Id" id="ciid" onfocusout="f1()" required>
        <div>
            <input class="btn btn-primary" type="submit" value="Search" name="s1"
style="margin-top: 10px; margin-left: 11%;">
        </div>
    </form>

    <form style="margin-top: 3%; margin-left: 40%;" method="post">
        <select name="loc" class="form-control" style="width: 250px;">

        <?php

$servername = "localhost";
$username = "root";
$password = "";
$database="crime_portal";

$con=mysqli_connect($servername,$username,$password,$database);

```

```

$loc=mysqli_query($con1,"select location from police_station");
while($row=mysqli_fetch_array($loc))
{
    ?>
        <option> <?php echo $row[0]; ?> </option>
    <?php
}
?>
</select>

    <input class="btn btn-primary" type="submit" value="Search" name="s2"
style="margin-top: 10px; margin-left: 11%;">
</form>
</div>

<div style="position: fixed;
left: 0;
bottom: 0;
width: 100%;
background-color: rgba(0,0,0,0.5);
color: white;
text-align: center;">
<h4 style="color: white;"><b>Online FIR Booking System</b></h4>
</div>

<script type="text/javascript" src="https://code.jquery.com/jquery-2.1.4.js"></script>
<script type="text/javascript"
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>
</body>
</html>

official_login.css
body {
    background-image: url(official_login_bg.jpg);
    background-position: center;
    background-size: cover;
}

```

```
body,  
html {  
    width: 100%;  
    height: 100%;  
    font-family: "Lato";  
    color: white;  
}
```

home.css

```
body {  
    background-size: cover;  
    background-image: url(home_bg1.jpeg);  
    background-position: center;  
}  
body,  
html {  
    width: 100%;  
    height: 100%;  
    font-family: "Lato";  
    color: white;  
}  
h1 {  
    font-weight: 700;  
    font-size: 5em;  
}  
.content{  
    padding-top: 25%;  
    text-align: center;  
    text-shadow: 0px 4px 3px rgba(0,0,0,0.4),  
                 0px 8px 13px rgba(0,0,0,0.1),  
                 0px 18px 23px rgba(0,0,0,0.1);  
}  
hr {  
    width: 250px;  
    border-top: 1px solid #f8f8f8;  
    border-bottom: 1px solid rgba(0,0,0,0.2);  
}
```

police_add.php

```
<!DOCTYPE html>
<html>
<head>
    <title>Complainer Home Page</title>

    <link rel="stylesheet" type="text/css"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">

    <link rel="stylesheet" type="text/css"
href="https://maxcdn.bootstrapcdn.com/font-awesome/4.4.0/css/font-awesome.min.css">

    <link
href="http://fonts.googleapis.com/css?family=Lato:300,400,700,300italic,400italic,700italic"
rel="stylesheet" type="text/css">

    <link href="complainer_page.css" rel="stylesheet" type="text/css" media="all" />
<?php

$servername = "localhost";
$username = "root";
$password = "";
$dbname="crime_portal";
    session_start();
    if(!isset($_SESSION['x']))
        header("location:inchargelogin.php");

$con=new mysqli($servername,$username,$password,$dbname);
if(!$con)
{
    die('could not connect: '.mysqli_connect_error());
}
mysqli_select_db($con,"$dbname");

$i_id=$_SESSION['email'];

$result1=mysqli_query($con,"SELECT location FROM police_station where i_id='$i_id'");
```

```

$q2=mysqli_fetch_assoc($result1);
$location=$q2['location'];

if(isset($_POST['s'])) {

    if($_SERVER["REQUEST_METHOD"]=="POST"){
        $p_name=$_POST['police_name'];
        $p_id=$_POST['police_id'];
        $spec=$_POST['police_spec'];
        $p_pass=$_POST['password'];

        $reg="insert into police values('$p_name','$p_id','$spec','$location','$p_pass')";

        $res=mysqli_query($con,$reg);
        if(!$res)
        {
            $message = "User already Exists.";
            echo "<script type='text/javascript'>alert('$message');</script>";
        }
        else
        {
            $message = "Police Added Successfully";
            echo "<script type='text/javascript'>alert('$message');</script>";
        }
    }
}
?>

```

```

<script>
function fl()
{
    var sta=document.getElementById("pname").value;
    var sta1=document.getElementById("pid").value;
    var sta2=document.getElementById("pspec").value;
    var sta3=document.getElementById("pas").value;
    var x=sta.trim();
    var x1=sta1.indexOf(' ');
    var x2=sta2.trim();

```



```

    var x3=sta3.indexOf(' ');
    if(sta1!="" && x== ""){
        document.getElementById("pname").value="";
        document.getElementById("pname1p").focus();
        alert("Space Not Allowed");
    }

```

```

        else if(sta1!="" && x1>=0){
            document.getElementById("pid").value="";
            document.getElementById("pid").focus();
            alert("Space Not Allowed");
        }

```

```

        else if(sta2!="" && x2== ""){
            document.getElementById("pspec").value="";
            document.getElementById("pspec").focus();
            alert("Space Not Allowed");
        }

```

```

        else if(sta3!="" && x3>=0){
            document.getElementById("pas").value="";
            document.getElementById("pas").focus();
            alert("Space Not Allowed");
        }
    }

```

```

</script>
</head>

```

```

<body style="background-size: cover;
background-image: url(home_bg1.jpeg);
background-position: center;">
    <nav class="navbar navbar-default navbar-fixed-top">
<div class="container">
    <div class="navbar-header">
        <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#navbar" aria-expanded="false" aria-controls="navbar">
            <span class="sr-only">Toggle navigation</span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>

```

```

</button>
<a class="navbar-brand" href="home.php"><b>Home</b></a>
</div>
<div id="navbar" class="collapse navbar-collapse">
  <ul class="nav navbar-nav">
    <li><a href="official_login.php">Official Login</a></li>
    <li><a href="incharge_view_police.php">Incharge Home</a></li>
  </ul>

  <ul class="nav navbar-nav navbar-right">
    <li class="active"><a href="police_add.php">Log Police Officer</a></li>
    <li><a href="Incharge_complain_page.php">Complaint History</a></li>
    <li><a href="inc_logout.php">Logout &nbsp;<i class="fa fa-sign-out"
aria-hidden="true"></i></a></li>
  </ul>
</div>
</div>
</nav>
<div class="video" style="margin-top: 5%">
  <div class="center-container">
    <div class="bg-agile">
      <br><br>
      <div class="login-form"><p><h2>Log Police Officer</h2></p><br>
        <form action="#" method="post" style="color: gray">Police Name
          <input type="text" name="police_name"
placeholder="Police Name" required="" id="pname" onfocusout="f1()"/>
          Police Id<input type="text" name="police_id"
placeholder="Police Id" required="" id="pid" onfocusout="f1()"/>
          Specialist<input type="text" name="police_spec" placeholder="Specialist"
id="pspec" required onfocusout="f1()"/>

          Location of Police Officer<input type="text" required name="location" disabled
value="<?php echo "$location"; ?>">
          <br>
          Password<input type="text" name="password"
placeholder="Password" id="pas" onfocusout="f1()" required/>
          <input type="submit" value="Submit" name="s">
        </form>

```

```

        </div>
    </div>
</div>
<script type="text/javascript" src="https://code.jquery.com/jquery-2.1.4.js"></script>
<script type="text/javascript"
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>
</body>
</html>
police_station_add.php
<!DOCTYPE html>
<html>
<head>
    <title>police station log </title>

    <link rel="stylesheet" type="text/css"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">

    <link rel="stylesheet" type="text/css"
href="https://maxcdn.bootstrapcdn.com/font-awesome/4.4.0/css/font-awesome.min.css">

    <link
href="http://fonts.googleapis.com/css?family=Lato:300,400,700,300italic,400italic,700italic"
rel="stylesheet" type="text/css">

    <link href="complainer_page.css" rel="stylesheet" type="text/css" media="all" />
<?php

```

```

$servername = "localhost";
$username = "root";
$password = "";
$dbname="crime_portal";

session_start();
if(!isset($_SESSION['x']))
    header("location:headlogin.php");
if(isset($_POST['s'])) {
    $con=new mysqli($servername,$username,$password,$dbname);
    if(!$con)

```

```

{
    die('could not connect: '.mysql_connect_error());
}
if($_SERVER["REQUEST_METHOD"]=="POST"){
    $loc=$_POST['location'];
    $i_name=$_POST['incharge_name'];
    $i_id=$_POST['incharge_id'];
    $u_pass=$_POST['password'];

    $reg="insert into police_station values('$i_id','$i_name','$loc','$u_pass')";
    mysql_select_db($con,"$database");
    $res=mysql_query($con,$reg);
    if(!$res)
    {
        $message1 = "User Already Exist";
        echo "<script type='text/javascript'>alert('$message1');</script>";
    }

    else
    {
        $message = "Police Station Added Successfully";
        echo "<script type='text/javascript'>alert('$message');</script>";
    }
}
?>
<script>
function f1()
{
    var sta=document.getElementById("station").value;
    var sta1=document.getElementById("iname").value;
    var sta2=document.getElementById("iid").value;
    var sta3=document.getElementById("pas").value;
    var x=sta.trim();
    var x2=sta2.indexOf(' ');
    var x1=sta1.trim();
    var x3=sta3.indexOf(' ');
    if(sta!="" && x==""){

```

```

document.getElementById("station").value="";
document.getElementById("station").focus();
alert("Space Not Allowed");
}

    else if(sta1!="" && x1==""){
document.getElementById("iname").value="";
document.getElementById("iname").focus();
alert("Space Not Allowed");
}
    else if(sta2!="" && x2>=0){
document.getElementById("iid").value="";
document.getElementById("iid").focus();
alert("Space Not Allowed");
}
    else if(sta3!="" && x3>=0){
document.getElementById("pas").value="";
document.getElementById("pas").focus();
alert("Space Not Allowed");
}
}
}
</script>
</head>

<body style="background-size: cover;
background-image: url(home_bg1.jpeg);
background-position: center;">
    <nav class="navbar navbar-default navbar-fixed-top">
<div class="container">
    <div class="navbar-header">
        <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#navbar" aria-expanded="false" aria-controls="navbar">
            <span class="sr-only">Toggle navigation</span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
        </button>
        <a class="navbar-brand" href="home.php"><b>Home</b></a>

```

```

</div>
<div id="navbar" class="collapse navbar-collapse">
  <ul class="nav navbar-nav">
    <li><a href="official_login.php">HQ Login</a></li>
    <li><a href="headHome.php">HQ Home</a></li>
  </ul>

  <ul class="nav navbar-nav navbar-right">
    <li class="active"><a href="police_station_add.php">Log Police Station</a></li>
    <li><a href="h_logout.php">Logout &nbsp;<i class="fa fa-sign-out"
aria-hidden="true"></i></a></li>
  </ul>
</div>
</div>
</nav>
<div class="video" style="margin-top: 5%">
  <div class="center-container">
    <div class="bg-agile">
      <br><br>
      <div class="login-form"><p>
        <h2>Log Police Station</h2><br>
        <form method="post" style="color: gray">Police Station Location
          <input type="text" name="location" placeholder="Station Location" required=""
id="station" onfocusout="f1()"/>
          Incharge Name
            <input type="text" name="incharge_name"
placeholder="Incharge Name" required="" id="iname" onfocusout="f1()"/>
            Incharge Id<input type="text" name="incharge_id"
placeholder="Incharge Id" required="" id="iid" onfocusout="f1()"/>
            <br>
            Password<input type="text" name="password"
placeholder="Password" required="" id="pas" onfocusout="f1()"/>
            <input type="submit" value="Submit" name="s">
          </form>
        </div>
      </div>
    </div>
  </div>
</div>

```

```
<script type="text/javascript" src="https://code.jquery.com/jquery-2.1.4.js"></script>
<script type="text/javascript"
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>
</body>
</html>
```

complain_history.php

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<?php
```

```
session_start();
```

```
$servername = "localhost";
```

```
$username = "root";
```

```
$password = "";
```

```
$database="crime_portal";
```

```
$conn=mysqli_connect($servername,$username,$password,$database);
```

```
if(!$conn)
```

```
{
```

```
    die("could not connect".mysqli_connect_error());
```

```
}
```

```
mysqli_select_db($conn,"$database");
```

```
if(!isset($_SESSION['x']))
```

```
header("location:userlogin.php");
```

```
$u_id=$_SESSION['u_id'];
```

```
$result1=mysqli_query($conn,"SELECT a_no FROM user where u_id='$u_id'");
```

```
$q2=mysqli_fetch_assoc($result1);
```

```
$a_no=$q2['a_no'];
```

```
if(isset($_POST['s2']))
```

```

{
    if($_SERVER["REQUEST_METHOD"]=="POST")
    {

        $cid=$_POST['cid'];

        $_SESSION['cid']=$cid;

        $resu=mysqli_query($conn,"SELECT a_no FROM complaint where c_id='$cid'");
        $qn=mysqli_fetch_assoc($resu);

        if($qn['a_no']==$q2['a_no'])
        {
            header("location:complainer_complain_details.php");
        }
        else
        {
            $message = "Not Your Case";
            echo "<script type='text/javascript'>alert('$message');</script>";
        }
    }
}

```

```

$query="select c_id,type_crime,d_o_c,location from complaint where a_no='$a_no' order by
c_id desc";
$result=mysqli_query($conn,$query);
?>

```

<title>Complaint History</title>

```

<link rel="stylesheet" type="text/css"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">
<link rel="stylesheet" type="text/css"
href="https://maxcdn.bootstrapcdn.com/font-awesome/4.4.0/css/font-awesome.min.css">

```



```
    <link
href="http://fonts.googleapis.com/css?family=Lato:300,400,700,300italic,400italic,700italic"
rel="stylesheet" type="text/css">
```

```
<script>
function fl()
{

    var sta2=document.getElementById("ciid").value;
    var x2=sta2.indexOf(' ');

    if(sta2!="" && x2>=0)
    {
        document.getElementById("ciid").value="";
        alert("Space Not Allowed");
    }
}
</script>
```

```
</head>
```

```
<body style="background-color: #dfdfff">
    <nav class="navbar navbar-default navbar-fixed-top">
        <div class="container">

            <div class="navbar-header">
                <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#navbar" aria-expanded="false" aria-controls="navbar">
                    <span class="sr-only">Toggle navigation</span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                </button>
                <a class="navbar-brand" href="home.php"><b>Crime Portal</b></a>
            </div>

            <div id="navbar" class="collapse navbar-collapse">
```

```

<ul class="nav navbar-nav">
  <li ><a href="complainer_page.php">User Login</a></li>
  <li class="active"><a href="complainer_page.php">User Home</a></li>
</ul>

<ul class="nav navbar-nav navbar-right">
  <li ><a href="complainer_page.php">Log New Complain</a></li>
  <li class="active"><a href="complainer_complain_history.php">Complaint
History</a></li>
  <li><a href="logout.php">Logout &nbsp;<i class="fa fa-sign-out"
aria-hidden="true"></i></a></li>
</ul>
</div>
</div>
</nav>

```

```

<div>
  <form style="float: right; margin-right: 100px; margin-top: 65px;" method="post">
    <input type="text" name="cid" style="width: 250px; height: 30px; color: black;"
placeholder="&nbsp;  Complain Id" id="ciid" onfocusout="f1()" required>
    <input class="btn btn-primary btn-sm" type="submit" value="Search"
style="margin-top:2px; margin-left:20px;" name="s2">
  </form>
</div>

```

```

<div style="padding:50px;">
  <table class="table table-bordered">
    <thead class="thead-dark" style="background-color: black; color: white;">
      <tr>
        <th scope="col">Complaint Id</th>
        <th scope="col">Type of Crime</th>
        <th scope="col">Date of Crime</th>
        <th scope="col">Location of Crime</th>
      </tr>
    </thead>

```

```

<?php
    while($rows=mysqli_fetch_assoc($result)){
        ?>

        <tbody style="background-color: white; color: black;">
            <tr>
                <td><?php echo $rows['c_id']; ?></td>
                <td><?php echo $rows['type_crime']; ?></td>
                <td><?php echo $rows['d_o_c']; ?></td>
                <td><?php echo $rows['location']; ?></td>
            </tr>
        </tbody>

        <?php
        }
        ?>

    </table>
</div>
<div style="position: fixed;
    left: 0;
    bottom: 0;
    width: 100%;
    height: 30px;
    background-color: rgba(0,0,0,0.8);
    color: white;
    text-align: center;">
    <h4 style="color: white;"><b>Online FIR Booking System</b></h4>
</div>

<script type="text/javascript" src="https://code.jquery.com/jquery-2.1.4.js"></script>
<script type="text/javascript"
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>
</body>
</html>
complain_details.php
<!DOCTYPE html>
<html>

```

```
<head>
```

```
<?php
```

```
    session_start();
```

```
$servername = "localhost";
```

```
$username = "root";
```

```
$password = "";
```

```
$database="crime_portal";
```

```
$conn=mysqli_connect($servername,$username,$password,$database);
```

```
if(!$conn)
```

```
{
```

```
    die("could not connect".mysqli_connect_error());
```

```
}
```

```
mysqli_select_db($conn,"$database");
```

```
if(!isset($_SESSION['x']))
```

```
    header("location:userlogin.php");
```

```
$u_id=$_SESSION['u_id'];
```

```
$c_id=$_SESSION['cid'];
```

```
$query="select c_id,description,inc_status,pol_status from complaint natural join user where  
c_id='$c_id' and u_id='$u_id'";
```

```
$result=mysqli_query($conn,"$query");
```

```
$res2=mysqli_query($conn,"select d_o_u,case_update from update_case where c_id='$c_id'");  
?>
```

```
    <title>Complaint Details</title>
```

```
    <link rel="stylesheet" type="text/css"
```

```
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">
```

```
    <link rel="stylesheet" type="text/css"
```

```
href="https://maxcdn.bootstrapcdn.com/font-awesome/4.4.0/css/font-awesome.min.css">
```

```
<link
href="http://fonts.googleapis.com/css?family=Lato:300,400,700,300italic,400italic,700italic"
rel="stylesheet" type="text/css">
```

```
<body style="background-color: #dfdfdf;">
  <nav class="navbar navbar-default navbar-fixed-top">
    <div class="container">

      <div class="navbar-header">
        <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#navbar" aria-expanded="false" aria-controls="navbar">
          <span class="sr-only">Toggle navigation</span>
          <span class="icon-bar"></span>
          <span class="icon-bar"></span>
          <span class="icon-bar"></span>
        </button>
        <a class="navbar-brand" href="home.php"><b>Crime Portal</b></a>
      </div>

      <div id="navbar" class="collapse navbar-collapse">
        <ul class="nav navbar-nav navbar-right">
          <li><a href="complainer_complain_history.php">View Complaints</a></li>
          <li class="active"><a href="complainer_complain_details.php">Complaints
Details</a></li>
          <li><a href="logout.php">Logout &nbsp;<i class="fa fa-sign-out"
aria-hidden="true"></i></a></li>
        </ul>
      </div>
    </div>
  </nav>
```

```
<div style="padding:50px;margin-top:10px;">
  <table class="table table-bordered">
    <thead class="thead-dark" style="background-color: black; color: white;">
      <tr>
        <th scope="col">Complain Id</th>
        <th scope="col">Description</th>
```

```

        <th scope="col">Police Status</th>
        <th scope="col">Case Status</th>
    </tr>
</thead>
<?php
    while($rows=mysqli_fetch_assoc($result)){
?>
<tbody style="background-color: white; color: black;">
    <tr>
        <td><?php echo $rows['c_id']; ?></td>
        <td><?php echo $rows['description']; ?></td>
        <td><?php echo $rows['inc_status']; ?></td>
        <td><?php echo $rows['pol_status']; ?></td>
    </tr>
</tbody>
<?php
    }
?>
</table>
</div>

```

```

<div style="padding:50px; margin-top:8px;">
    <table class="table table-bordered">
        <thead class="thead-dark" style="background-color: black; color: white;">
            <tr>
                <th scope="col">Date Of Update</th>
                <th scope="col">Case Update</th>
            </tr>
        </thead>
        <?php
            while($rows1=mysqli_fetch_assoc($res2)){
?>
            <tbody style="background-color: white; color: black;">
                <tr>
                    <td><?php echo $rows1['d_o_u']; ?></td>
                    <td><?php echo $rows1['case_update']; ?></td>
                </tr>
            </tbody>

```

```

        <?php
        }
        ?>

    </table>
</div>

<div style="position: fixed;
left: 0;
bottom: 0;
width: 100%;
height: 30px;
background-color: rgba(0,0,0,0.8);
color: white;
text-align: center;">
    <h4 style="color: white;"><b>Online FIR Booking System</b></h4>
</div>

<script type="text/javascript" src="https://code.jquery.com/jquery-2.1.4.js"></script>
<script type="text/javascript"
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>
</body>
</html>

```

complainer.css

```

html,body,div,span,applet,object,iframe,h1,h2,h3,h4,h5,h6,p,blockquote,pre,a,abbr,acronym,addr
ess,big,cite,code,del,dfn,em,img,ins,kbd,q,s,samp,small,strike,strong,sub,sup,tt,var,b,u,i,dl,dt,dd,
ol,nav ul,nav
li,fieldset,form,label,legend,table,caption,tbody,tfoot,thead,tr,th,td,article,aside,canvas,details,em
bed,figure,figcaption,footer,header,hgroup,menu,nav,output,ruby,section,summary,time,mark,au
dio,video {margin:0;padding:0;border:0;font-size:100%;font:inherit;vertical-align:baseline;}
article, aside, details, figcaption, figure, footer, header, hgroup, menu, nav, section {display:
block;
}

ol,ul {list-style:none;margin:0px;padding:0px;}
blockquote,q {quotes:none;}
blockquote:before,blockquote:after,q:before,q:after {content:"";content:none;}

```

```
table{border-collapse:collapse;border-spacing:0;}
```

```
a{text-decoration:none;}
.txt-rt{text-align:right;}/* text align right */
.txt-lt{text-align:left;}/* text align left */
.txt-center{text-align:center;}/* text align center */
.float-rt{float:right;}/* float right */
.float-lt{float:left;}/* float left */
.clear{clear:both;}/* clear float */
.pos-relative{position:relative;}/* Position Relative */
.pos-absolute{position:absolute;}/* Position Absolute */
.vertical-base{ vertical-align:baseline;}/* vertical align baseline */
.vertical-top{ vertical-align:top;}/* vertical align top */
nav.vertical ul li{ display:block;}/* vertical menu */
nav.horizontal ul li{ display: inline-block;}/* horizontal menu */
img{max-width:100%;}
/*--end reset--*/
```

```
body{
    font-family: "Lato";
    font-size: 100%;
    background:url(regi_bg.jpeg)no-repeat;
    background-position:0px 0px;
    text-align: left;
    min-height: 100%;
    background-size:cover;
    /*min-height:900px;*/
    background-position:center;
    background-attachment:fixed;
}
```

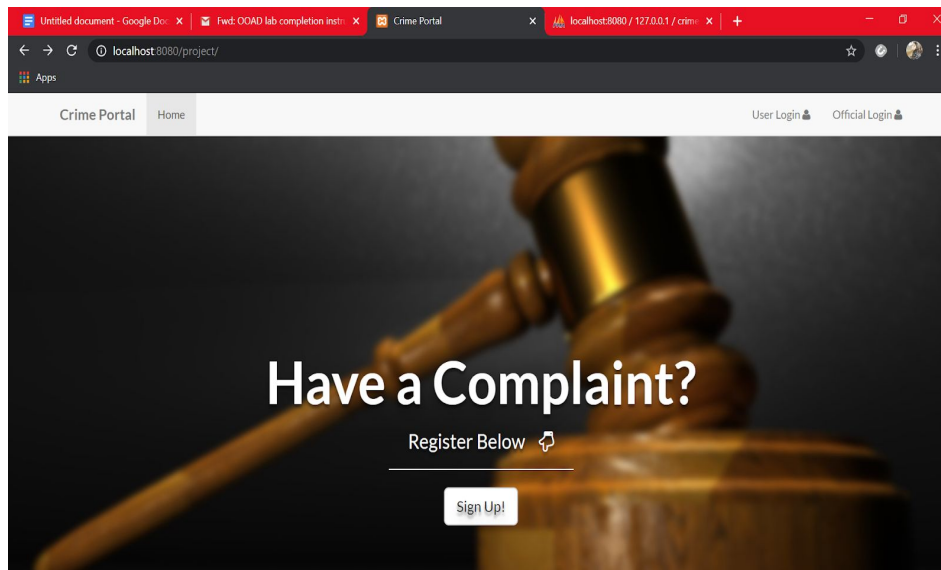
logout.php

```
<?php
```

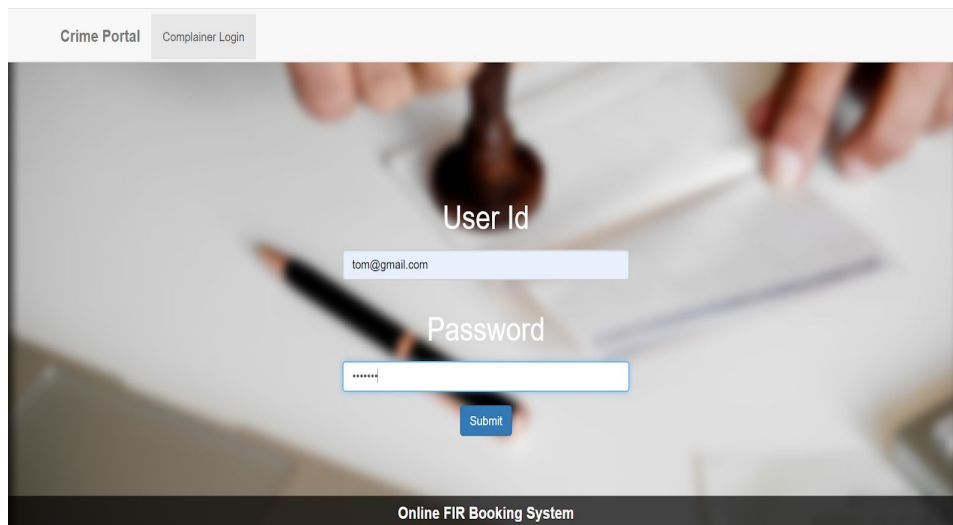
```
session_start();
header("location:userlogin.php");
session_destroy();
?>
```


SCREENSHOTS:

Homepage



User Login



Registration page

[Home](#)
[User Login](#)
[User Home](#)
[Log New Complain](#)
[Complaint History](#)
[Logout](#)

Welcome Tom

[Log New Complain](#)

Aadhar

877665669900

Location of Crime

Tollygunge

Type of Crime

Robbery

Date Of Crime : 23-05-2020

Description

My car is Robbed

User Complaint Details

Crime Portal		View Complaints	Complaints Details	Logout
Complain Id	Description	Police Status	Case Status	
7	My car has been robbed	Unassigned	ChargeSheet Filed	
Date Of Update		Case Update		
2020-05-23 23:34:01		Criminal Caught		
2020-05-23 23:34:05		Criminal Interrogated		
2020-05-23 23:34:11		Criminal Charged		
2020-05-23 23:34:24		Cra has been found		

Official Login

[Crime Portal](#)
[Official Login](#)

Police Login

Police Login

Incharge Login

Incharge Login

HQ Login

HQ Login

Police and Admin Login Module

Police Id

t101

Password

Submit

Incharge Id

shah@anandapur

Password

Submit

FIR status updated by Police

Date Of Update	Case Update
2020-05-23 23:34:01	Criminal Caught
2020-05-23 23:34:05	Criminal Interrogated
2020-05-23 23:34:11	Criminal Charged
2020-05-23 23:34:24	Cra has been found

Complaint ID

7

Criminal Verified

Update Case Status

Final Report

Close Case

incharge can add police/police stations

Add Police Officers

Police Id	Police Name	Specialist	Location
t106	Gupta	All	Anandapur

Police Id

Delete Police

Online FIR Booking System

Add Police Station

Incharge Id	Incharge Name	Location of Police Station
j879	John	Guindy
paul@chennai	Paul	Adyar
shah@anandapur	Shahbaz	Anandapur
shivam@tollygunge	Shivam	Tollygunge

Database 'crime_portal'- 6 tables

Table	Action	Rows	Type	Collation
<input type="checkbox"/> complaint	★ Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci
<input type="checkbox"/> head	★ Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci
<input type="checkbox"/> police	★ Browse Structure Search Insert Empty Drop	3	InnoDB	latin1_swedish_ci
<input type="checkbox"/> police_station	★ Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci
<input type="checkbox"/> update_case	★ Browse Structure Search Insert Empty Drop	19	InnoDB	latin1_swedish_ci
<input type="checkbox"/> user	★ Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci

newly added user in 'user' table.

u_name	u_id	u_pass	u_addr	a_no	gen	mob
Satyansh Kumar	satyansh123@gmail.com	satyansh	Ranchi	123214521452	Male	9854123654
Pavithra Karthik	kplibra@gmail.com	bvmpavit	adyar	123456789012	Female	9962263361
John	john@gmail.com	john@123	Tollygunge	156789097876	Male	8769954321
Tom	tom@gmail.com	tom@123	Tollygunge	877885668900	Male	8798888897

Complaint by TOM in 'comaplain' table

c_id	a_no	location	type_crime	d_o_c	description	inc_status	pol_status	p_id
1	123214521452	Anandpur	Assault	2018-12-06	I was hit	Assigned	ChargeSheet Filed	t101
2	123456789012	Chennai	Kidnapping	2020-05-22	it was around 5 PM	Unassigned	null	Null
3	156789097876	Mumbai	Theft	2020-05-23	My house has been broken into. It took place aroun...	Assigned	ChargeSheet Filed	p222
7	877885668900	Tollygunge	Robbery	2020-05-23	My car has been robbed	Unassigned	ChargeSheet Filed	t101

Login Credentials for Police and Admin

p_name	p_id	spec	location	p_pass
Manish Singh	a101	kidnapping	Chennai	manish
Suwendu Ghosh	t101	Robbery	Tollygunge	suwendu
Gupta	t106	All	Anandapur	gupta

h_id	h_pass
head@kp	head
head2@kp	head2

RESULT:

Thus the Online FIR Booking System has been implemented using php and SQL Server.

EXP NO: 8

NAME: PAVITHRA K

DATE:

REG NO: 312217205063

USE CASE TESTING

AIM:

To test the software system for all the scenarios identified as per the use case diagram.

USE-CASE TESTING:

It comes under the Functional Black Box testing technique. As it is a type of black box testing, there won't be any inspection of the codes. Several interesting facts about this are briefed in this section.

It ensures if the path used by the user is working as intended or not. It makes sure that the user can accomplish the task successfully.

Sample Test Case 1:

Project name	Online FIR Booking System
Module name	Login Module
Created By	Pavithra K
Creation Date	23-05-2020
Test Scenario id	TS-01
Test Scenario Description	Verify the Login functionality
Test steps	1.Enter valid username 2.Enter valid password 3.Click on Submit button
Test data	Username: t101 Password:suvenu
Precondition	1.User must have internet access 2. In case of Official Login, Admin and police must have correct credentials.
Post-condition	User able to view the Crime sheet
Expected Result	Successful login
Actual Result	Successful login
Status	Pass
Test Scenario id	TS-02
Test Scenario Description	Verify the Login functionality
Test steps	1.Enter valid username 2.Enter invalid password 3.Click on Submit button

Test data	Username: t101 Password: suve
Precondition	1.User must have internet access 2. User must have a valid Url and corresponding test Data
Post-condition	Dialog Box: Id and Password do not match
Expected Result	Error message saying "Invalid Username or Password!"
Actual Result	Error message saying "Invalid Username or Password!"
Status	Pass
Test Scenario id	TS-03
Test Scenario Description	Verify the Login functionality
Test steps	1.Enter invalid username 2.Enter valid password 3.Click on login button
Test data	Username: t1 Password: suvendu
Precondition	1.User must have internet access 2. User must have a valid Url and corresponding test Data
Post-condition	Dialog Box: Id and Password do not match
Expected Result	Error message saying "Invalid Username or Password!"
Actual Result	Error message saying "Invalid Username or Password!"
Status	Pass
Test Scenario id	TS-04
Test Scenario Description	Verify the Login functionality
Test steps	1.Enter invalid username 2.Enter invalid password 3.Click on login button
Test data	Username: t11 Password: suv
Precondition	1.User must have internet access 2. User must have a valid Url and corresponding test Data
Post-condition	Error message : "Invalid Username or Password"
Expected Result	Error message saying "Invalid Username and Password!"
Actual Result	Error message saying "Invalid Username and Password"
Status	Pass

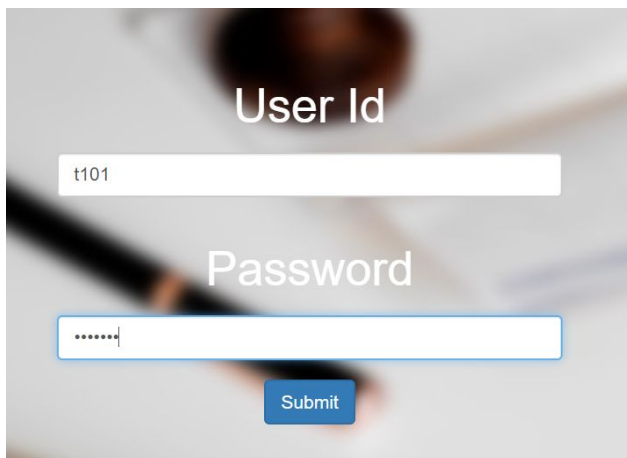
Sample Test Case 2:

Project name	Online FIR Booking System
Module name	SIGN-UP Module
Created By	Pavithra K
Creation Date	23-05-2020

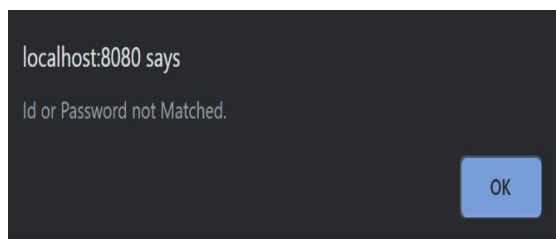
Test Scenario id	TS-01
Test Scenario Description	Check for Blank Fields
Test steps	1.Enter appropriate details 2.Fill out all Fields 3.Click on register button
Test data	Name: julie,Email: julie@hotmail.com ,password:julie123,address: Guindy,aadhar:8786678897776,Mobile:-
Precondition	1.User must have internet access 2. User must have a valid Url and corresponding test Data
Post-condition	User able to view the home activity.
Expected Result	Please Fill all Details
Actual Result	Please Fill all Details
Status	Pass
Test Scenario id	TS-02
Test Scenario Description	Verify the password (that must contain minimum 6 characters)
Test steps	1.Enter appropriate details 2.Enter invalid password 3.Click on register button
Test data	Password: bla
Precondition	1.User must have internet access 2. User must have a valid Url and corresponding test Data
Post-condition	Error message : "Invalid Password"
Expected Result	Error message saying "please match requested format!"
Actual Result	Error message saying "please match requested format!"
Status	Pass
Test Scenario id	TS-03
Test Scenario Description	Check proper Email format
Test steps	1.Enter appropriate details 2.Enter invalid email format 3.Click on register button
Test data	email: bd.com
Precondition	1.User must have internet access 2. User must have a valid Url and corresponding test Data
Post-condition	Error message : "Invalid Email id"
Expected Result	Error message saying "Email Format"
Actual Result	Error message saying "Email Format"
Status	Pass
Test Scenario id	TS-04
Test Scenario Description	Verify Successful Registration
Test steps	1.Enter appropriate details

	2.Enter valid formats 3.Click on register button
Test data	Name: julie,Email: julie@hotmail.com ,password:julie123,address: Guindy,aadhar:8786678897776,Mobile:9962264465
Precondition	1.User must have internet access 2. User must have a valid Url and corresponding test Data
Post-condition	Successful Registration
Expected Result	Dialog Box: Registered Successfully.
Actual Result	Dialog Box: Registered Successfully.
Status	Pass

SCREENSHOTS:



A screenshot of a login form. It features two input fields: 'User Id' with the text 't101' and 'Password' with masked characters '.....'. Below the fields is a blue 'Submit' button. The background is a blurred image of a hand holding a pen.



Welcome Tom

Log New Complain

Aadhar
877665668900

Location of Crime
Ranchi

Type of Crime
Theft

Mobile
Please fill out this field.

Password
bla
Please match the requested format.

Email-Id
bd.cpm
Please include an '@' in the email address. 'bd.cpm' is missing an '@'.

localhost:8080 says
User Registered Successfully
OK

RESULT:

Thus the various use case scenarios for the Login Module have been tested and the output has been recorded.

EXP NO: 9
DATE:

REG NO: 312217205063
NAME: PAVITHRA.K

APPLYING DESIGN PATTERNS

AIM:

To improve the reusability and maintainability of the software system by applying appropriate design patterns.

DESIGN PATTERN USED –INHERITANCE AND POLYMORPHISM:

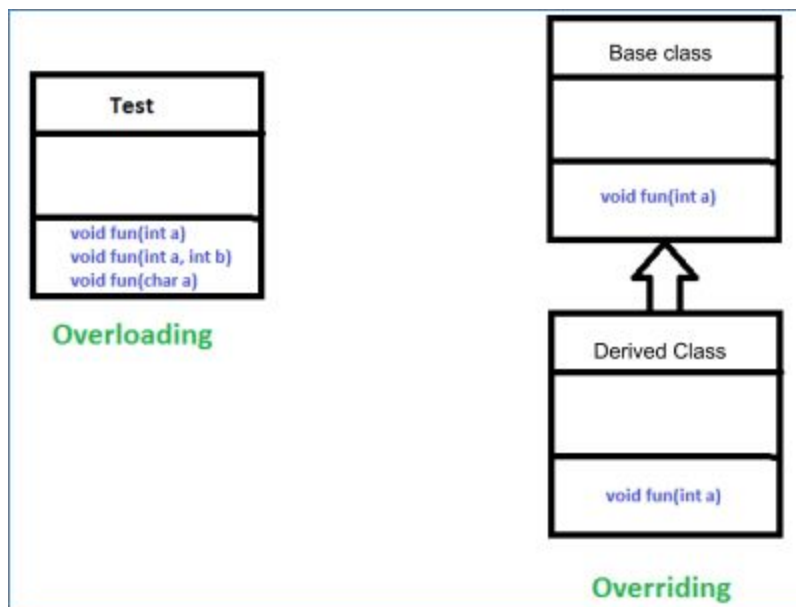
Polymorphism:

The word polymorphism means having many forms. In simple words, we can define polymorphism as the ability of a message to be displayed in more than one form. Polymorphism is considered as one of the important features of Object Oriented Programming.

Polymorphism allows us to perform a single action in different ways. In other words, polymorphism allows you to define one interface and have multiple implementations.

Inheritance

An important feature of object-oriented programs is inheritance—the ability to create classes that share the attributes and methods of existing classes, but with more specific features. Inheritance is mainly used for code reusability.



CODE:

There is a base User Module acting as the superclass and the different users as derived classes:

```
class User {
    public $u_name;
    public $u_pass;

    public function login() {
        $conn=mysqli_connect($servername,$username,$password,$database);
        mysqli_select_db($conn,"$database");

        $name=$_POST['email'];
        $pass=$_POST['password'];

        $result=mysqli_query($conn,"SELECT u_id,u_pass FROM user where
        u_id='$name' and u_pass='$pass' ");

        if(mysqli_num_rows($result)==0)
        {
            $message = "Id or Password not Matched.";
            echo "<script
type='text/javascript'>alert('$message');</script>";
        }
        else
        {
            header("location:complainer_page.php");
        }

    }

}

class Police extends User{

    public function login() { //overridden method

        $result=mysqli_query($conn,"SELECT u_id,u_pass FROM police where
        u_id='$name' and u_pass='$pass' ");

        if(mysqli_num_rows($result)==0)
        {
            $message = "Id or Password not Matched.";
            echo "<script
type='text/javascript'>alert('$message');</script>";
        }
        else
        {
            header("location:police_pending_complain.php");
        }

    }

}
```

```

public class Head extends User{

public function login() { //overridden method

$result=mysqli_query($conn,"SELECT u_id,u_pass FROM head where
u_id='$name' and u_pass='$pass' ");

    if(mysqli_num_rows($result)==0)
    {
        $message = "Id or Password not Matched.";
        echo "<script
type='text/javascript'>alert('$message');</script>";
    }
    else
    {
        header("location:headHome.php");
    }
}

public class Incharge extends User{

public function login() { //overridden method

$result=mysqli_query($conn,"SELECT i_id,i_pass FROM police_station
where i_id='$name' and i_pass='$pass' ");

if(mysqli_num_rows($result)==0)
{
    $message = "Id or Password not Matched.";
    echo "<script
type='text/javascript'>alert('$message');</script>";
}
else
{
    header("location:incharge_complain_page.php");
}
}
}

```

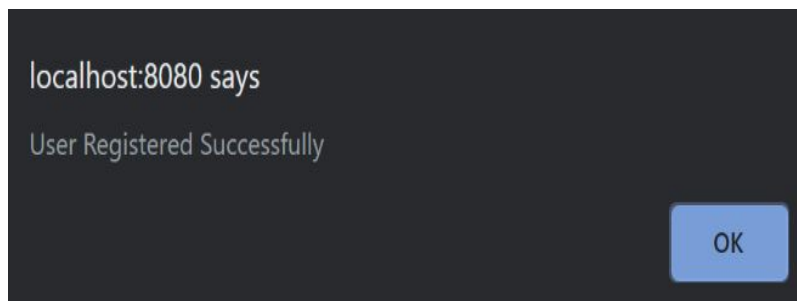
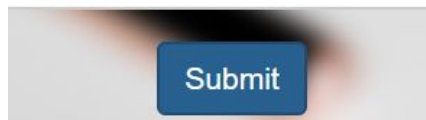
DESIGN PATTERN USED-

ABSTRACTION:

Abstraction is selecting data from a larger pool to show only the relevant details of the object to the user. Abstraction “shows” only the essential attributes and “hides” unnecessary information.

It helps to reduce programming complexity and effort.

In the project Abstraction has been employed in several places to minimize the complexity and effort and hide the code details such as buttons, Navigation layouts etc.



RESULT:

Thus polymorphism ,inheritance and Abstraction has been implemented to extend the simplicity, reusability and maintainability of the system.

EXP NO: 10
DATE:

REG NO: 312217205063
NAME: PAVITHRA.K

TESTING

AIM:

To test the system developed under various scenarios.

TESTING:

The thorough testing of the system before its release needs to be done via the various test cases and modules so that the software becomes devoid of bugs and uses minimum space requirements as well as a minimal time to perform, however software testing process begins when the application is developed, the documentation and related data structures are designed.

During the software test and implementation, the software as a whole is tested to ensure that all its components work well together otherwise the application or the project cannot be said to be complete. If the test is successful, the software is then sent to the user to evaluate the software against their acceptance criteria. If the software satisfies these criteria, the application is put to use.

(i)FUNCTIONALITY TESTING:

This involves validating if an application conforms to its specifications and correctly performs all its required functions. This entails a series of tests which perform a feature by feature validation of behavior, using a wide range of normal and erroneous input data.

This can involve testing of the product's user interface, database management, security, installation, networking; etc. Testing can be performed on an automated or manual basis using black box or white box methodologies.

Below are some of the checks that are performed:

- To verify there is no dead page or invalid redirects in the system.
- First check all the validations on each field.
- To check for Wrong inputs to perform negative testing.
- Verify the workflow of the system.
- Verify the data integrity.

(ii)USABILITY TESTING:

This involves verifying how the application is easy to use. This is a process by which human computer interactions characteristics of a system are measured, and weakness are identified for

correction. Ease of learning, navigation, subjective user satisfaction and general appearance were some of the factors considered when this system was subject to a usability testing.

- Test the navigation and controls.
- Content checking.
- Check for user intuition

(iii)UNIT TESTING:

The primary goal of unit testing is to take the smallest piece of testable code or software in an application/system, isolate it from the remainder of the code and determine if it behaves as it should. The main modules of the system are at best complex and for them to work seamlessly, each would have to undergo rigorous repetitive logic, as well as semantic tests (data handling).

This test was done at the development level so as to ensure each piece of the code that was written will work. It was most often tested independently of the other modules of the web based application.

(iv)INTEGRATION TESTING:

Integration testing is a form of testing in which software components, hardware components or both are combined and tested to evaluate the interaction between them.

This testing determines that applications involved are functioning well with each other. Integration testing including user interface testing and usability testing.

RESULT:

Thus the modified system has been thoroughly tested under various scenarios.