

CRIMINAL INVESTIGATION SYSTEM WITH SUSPECT PREDICTION

A PROJECT REPORT

Submitted by

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CERTIFICATE

This is to certify that the report entitled “**Criminal Investigation tracker With Suspect Prediction**” By Prasenjit Das (ROLL NO-140101812), Vijesh Kumar Sharma (Roll No-130101194) to Sharda University, towards the fulfillment of requirements of the degree of Bachelor of Technology is record of bonafide final year Project work carried out by him/her in the Department of Computer Science Engineering, School of Engineering, Sharda University. The results/findings contained in this Project have not been submitted in part or full to any other University/Institute for award of any other Degree/Diploma.

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ABSTRACT

We here propose a criminal investigation tracker system that tracks the investigation status of criminal cases with logs and also predicts primary suspects. The system is proposed to help agencies like CBI, CID and other such bureau's to speed up investigation process and track status of multiple cases at a time. The system keeps logs of a case which includes case summary, people involved, disputes, past criminal history of those involved, Items recovered on scene and other details. The system realizes the type of case, allows admin to update the status of investigation, upload more images of crime, items found on scene etc. This allows authorized officers to check case status and look into its status online and also update any important info as and when needed. The system also consists of a suspect prediction algorithm. Based on type of case, property, land, love or other entities involved the system studies past cases, it studies past criminal records of those involved and based on this data it provides suggestions of suspected persons in a logical order. The system is designed to aid investigation teams to work collectively on cases, coordinate and also speed up the process by suggesting logical suspects based on data provided.

ACKNOWLEDGEMENT

I would like to express my special thanks of gratitude to my teacher Mr. Pankaj Kumar Mishra who gave us the golden opportunity to do this wonderful project on the topic “**CRIMINAL INVESTIGATION TRACKER WITH SUSPECT PREDICTION**”, which also helped me in doing a lot of Research and I came to know about so many new things for which I am really thankful to them. Secondly I would also like to thank my friends who helped me a lot in finalizing this project within the limited time frame.

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1. INTRODUCTION

We here propose a criminal investigation tracker system that tracks the investigation status of criminal cases with logs and also predicts primary suspects. The system is proposed to help agencies like CBI, CID and other such bureau's to speed up investigation process and track status of multiple cases at a time. The system keeps logs of a case which includes case summary, people involved, disputes, past criminal history of those involved, Items recovered on scene and other details. The system realizes the type of case, allows admin to update the status of investigation, upload more images of crime, items found on scene etc. This allows authorized officers to check case status and look into its status online and also update any important info as and when needed. The system also consists of a suspect prediction algorithm. Based on type of case, property, land, love or other entities involved the system studies past cases, it studies past criminal records of those involved and based on this data it provides suggestions of suspected persons in a logical order. The system is designed to aid investigation teams to work collectively on cases, coordinate and also speed up the process by suggesting logical suspects based on data provided.

1.1 MOTIVATION:-

Various problems are encountered in the manual system of operations in the crime investigation system . Some of the problems encountered are:

- i. Generating a case filing number for each of the cases has been cumbersome because it is not easy to trace the file number of the last recorded case and this has led to duplication Cases File Numbers.
- ii. Accuracy about dates of filling various components of the cases are not readily available making referencing them very cumbersome.
- iii. Making references to existing Criminal cases is difficult because of the manual mode of documentation.

- iv. Delay in accessing information in paper files, paper files are sometimes damaged by water, pest or fire outbreak and can easily be altered by an unauthorized user.
- v. Missing criminal record files which might have been caused by theft or wrongly placed or kept by the officer(s) in charge.
- vi. Manual searching for information about crime cases handled by the Crime Investigation Department has been very tedious because the cases files are not arranged in a logical manner.

1.2 OVERVIEW:-

As a result of the limitations encountered with the use of manual method in investigating, documentation, processing and managing criminal records, the need for an alternative system for crime investigation cannot be undermined. The implementation of the automated system will ensure that crimes are well investigated and criminal records are well managed.

The objective of this project is to develop a device that allows for a user to remotely Assign and monitor Criminal Cases using a Web interface. This system will be a powerful and flexible tool that will offer this service at any time and from anywhere with the constraints of the technologies being applied.

The proposed approach for designing this system is to implement a Web interface-based Application that receives its instructions and command from a User over the network. The Application will then carry out the commands and then assign Case ID, Officer. Assigned officer can add suspect, evidence to case.

Implementation of this application ensure about the prediction of suspect according to physical and logical evidence which are collected by case officer.

1.3 Expected Outcome:-

The system is proposed to help agencies like CBI, CID and other such bureau's to speed up investigation process and track status of multiple cases at a time. The system keeps logs of a case which includes case summary, people involved, disputes, past criminal history of those involved, Items recovered on scene and other details. The system realizes the type of case, allows admin to update the status of investigation, upload more images of crime, items found on scene etc.

A successful implementation of the Crime Records Investigation System will greatly increase the efficiency of the Police Force officers and will help to ensure that criminal records are managed properly monitoring of criminal suspects in the country. It will as well ensure the following:

- i. Reduction of redundancies and inconsistencies.
- ii. Ensure user defined rules to ensure the integrity of data.
- iii. Enables data sharing across all applications.
- iv. Ensures data access authorization.
- v. Has an automatic intelligent backup and recovery procedure of data.

1.4 POSSIBLE RISKS:-

- The risk with web interfaces like this application is that this type of application which are basically based on a web interface, these can be hacked over network.
- Database can crashed if we try to input wrong data type although we handle this problem at designing time but this threat can't overlooked when this application is running over server.

- We need a stable network connection at the time of using interface. Network inconsistency can use damage in records.

2. METHODOLOGY

Criminal Investigation system is based on network technology for tracking of any case and predicting suspect based on physical and logical evidence collected by case officer. Assigning case and adding evidence is secured by access level protection by using security constraint.

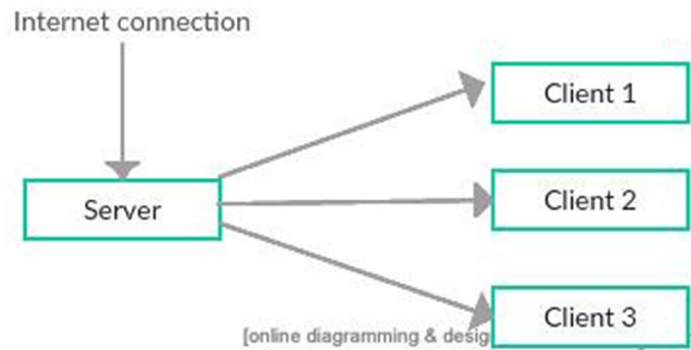
Whenever a new case is lodge at any police station, admin level officer (person who can assign case officer) use his authorization to assign officer to particular case. Case ID is generated by application itself. Admin can add any case, officer.

He/she can view suspect, can track case history and view result of any case.

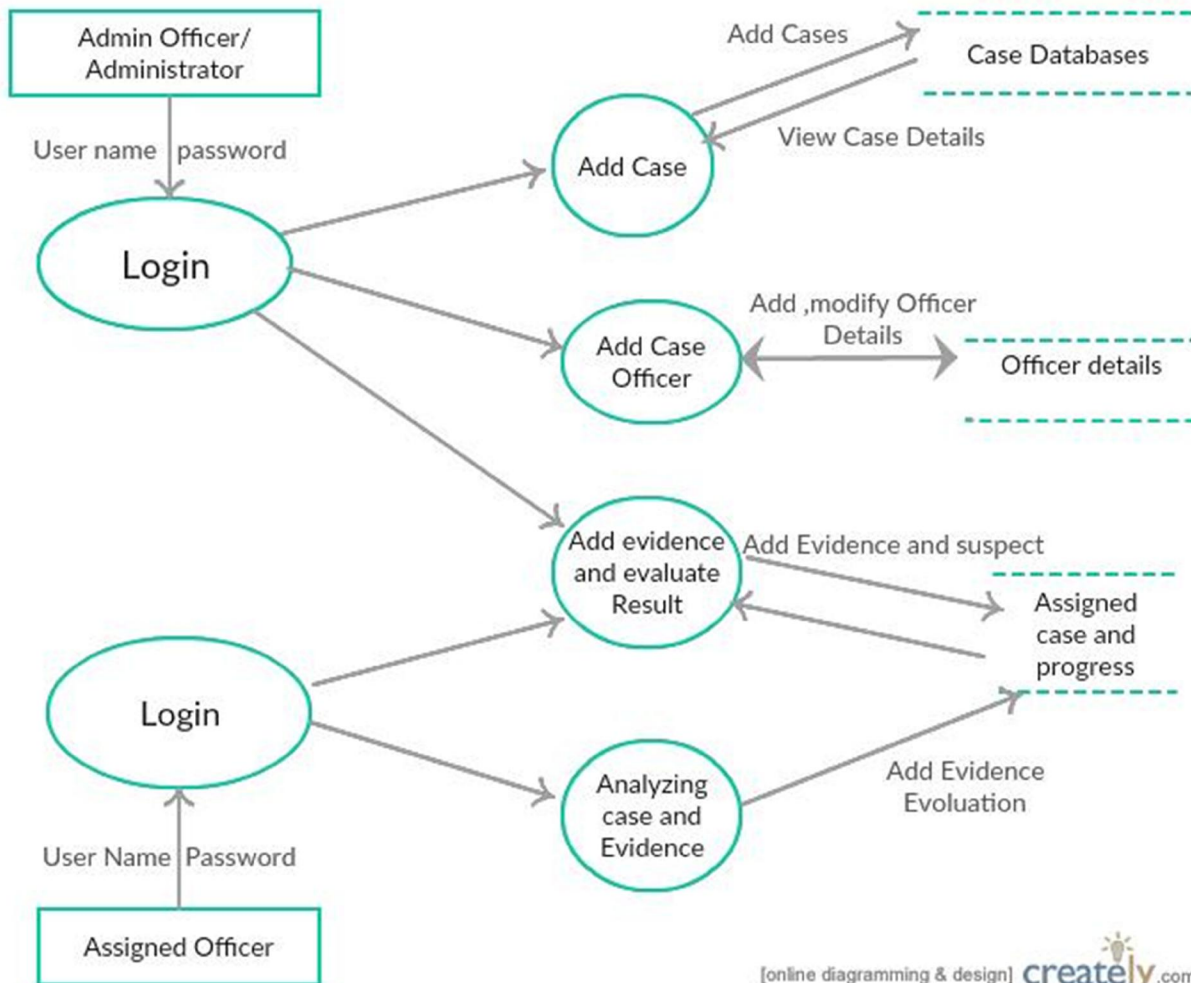
Every officer is also assigned his/her own username and password through which can enter into application interface. Assigned officer can update suspect list, add evidence, examine case history based on case log. For prediction of any case result (Suspect) interface uses a protocol in which every evidence is assigned a point out of 10. Based on logical and physical evidence application calculate probability of involvement of suspects and predict the highest probability suspect.

2.1 SYSTEM VIEW:-

Abstract view of system over network:



Detailed view of system :-



2.2 SYSTEM COMPONENT AND SPECIFICATION:-

The client will be given Internet access only by the knowledge of the server. When a client is accessing Internet the server will be tracking the user name and the account details of the user logged in. There is also an option for the user to view the account details of the user.

Server & client side Hardware configuration:

Particulars	Client System	Server System
Operating System	ANY	Windows
Processor	ANY	Intel P-III based system
Hard Disk	ANY	2GB to 30GB
RAM	ANY	1 GB

2.2.1 INTERFACE/APPLICATION FUNCTION:-

Admin User Function:

- Add Officer
- Add Case
- Add Case Officer
- View evidence/Suspect
- Predict Result
- View Case History

Officer Login:

- Add Suspect
- Add Evidence
- Add Case History
- View Case History
- View Evidence/Suspect

2.2.2 FUNCTION DESCRIPTION:-

Admin Login:-

- Add officer: Adding a new officer to application.
- Add case: To Add a new case whenever case is lodge
- Add case officer: Assigning a case officer to any new case according to case ID.
- View Evidence/Suspect: Admin can keep track of evidence and suspect using this function of application.
- Predict result: suspect prediction, which is a main task of application, is fulfilled by this function.
- View case History: Keep track of movement in case (addition of suspect evidence).

Officer Login:-

- Add suspect: to add a new suspect in case.
- Add Evidence: addition of any evidence in case whether it is physical and logical and assign a point based on ranking.
- Add Case History: Keep log of addition of evidence and suspect.
- View Case History: can view case history.
- View Evidence /Suspect: Officer can view suspect list and evidence.

2.2.3 CODE DESCRIPTION:-

In programming part of this project, first of all in programming we includes the common code of html pages among all UI .All web pages are designed in HTML page (JSP) and for backend processing we use J2EE.

1. Home Page.jsp

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<meta charset="utf-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
<title>LogIn</title>
<link href="css/menu.css" rel="stylesheet" type="text/css" />
<style>
    .header
    {
        width: 80%;
        height: 150px;
        padding: 1% 0% 0 10%;
    }
    .Logo
    {
        -moz-border-radius: 10px;
        -webkit-border-radius: 10px;
        border-radius: 10px;
        -khtml-border-radius: 10px;
    }
}
```

```
.main
{
    padding: 1% 0 0 10%;
    width: 84.5%;
}
.contain1
{
    border-radius: 7px;
    background-color: rgba(255,255,255,0.4);
    height: 500px;
}
.footer
{
    margin-top:10px;
    background-color:black;
    color:white;

    text-align:center;
    padding:1% 0 1% 0;
}
.clr
{
    clear: both;
}
.bg-1
{
    width: 99% ;
    background-color:white;
}
.bg-3
{
    padding: 50 px;
}
h1{
    color: blue;
}
</style>
```

```
</head>
```

[illegible]

2. AdminLogin.jsp

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<meta charset="utf-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
<title>LogIn</title>
<link href="css/menu.css" rel="stylesheet" type="text/css" />
<style>
    .header
    {
        width: 80%;
        height: 150px;
        padding: 1% 0% 0 10%;
    }
    .Logo
    {
        -moz-border-radius: 10px;
        -webkit-border-radius: 10px;
        border-radius: 10px;
        -khtml-border-radius: 10px;
    }
```



```

    .main
    {
        padding: 1% 0 0 10%;
        width: 84.5%;
    }
    .contain1
    {

        border-radius: 7px;
        background-color: rgba(255,255,255,0.4);
        height:100%;
    }
    .footer
    {
        margin-top:10px;
        background-color:black;
        color:white;

        text-align:center;
        padding:1% 0 1% 0;
    }
    .clr
    {
        clear: both;
    }
    .bg-1
    {
        width: 99% ;
        background-color:white;
    }
    .bg-3
    {
        padding: 50 px;
    }
    h1{
        color: blue;
    }
</style>

</head>
<body>
    <jsp:include page="Header1.html"></jsp:include>

```

```

        <div class="clr" style="height: 10px">
    </div>
    <div class="main">
    <div class="contain1">

    <div class="container bg-1">
        <div class="col-sm-3"></div>
        <div class="col-sm-6">

            <center><h1>Admin Login</h1></center><br />

            <form class="form-horizontal">

                <div class="form-group">
                    <label class="control-label col-sm-4" for="Username">User
Name:</label>
                    <div class="col-sm-8">
                        <input type="text" class="form-control" id="username"
placeholder="username">
                    </div>
                </div>
                <div class="form-group">
                    <label class="control-label col-sm-4"
for="pass">PassWord:</label>
                    <div class="col-sm-8">
                        <input type="text" class="form-control" id="password"
placeholder="Password">
                    </div>
                </div>
                <center><button type="button" class="btn btn-
primary">Login</button></center>
            </form>

        </div>
        <div class="col-sm-3"></div>

    </div>
</div>
<div class="col-sm-3"></div>

</div>
</div>
</div>
<jsp:include page="footer.html"></jsp:include>
</body></html>

```

3.OfficerLogin.jsp

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<meta charset="utf-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
<title>LogIn</title>
<link href="css/menu.css" rel="stylesheet" type="text/css" />
<style>
    .header
    {
        width: 80%;
        height: 150px;
        padding: 1% 0% 0 10%;
    }
    .Logo
    {
        -moz-border-radius: 10px;
        -webkit-border-radius: 10px;
        border-radius: 10px;
        -khtml-border-radius: 10px;
    }
    .main
    {
        padding: 1% 0 0 10%;
```

```

        width: 84.5%;
    }
    .contain1
    {

        border-radius: 7px;
        background-color: rgba(255,255,255,0.4);
        height:100%;
    }
    .footer
    {
        margin-top:10px;
        background-color:black;
        color:white;

        text-align:center;
        padding:1% 0 1% 0;
    }
    .clr
    {
        clear: both;
    }
    .bg-1
    {
        width: 99% ;
        background-color:white;
    }
    .bg-3
    {
        padding: 50 px;
    }
    h1{
        color: blue;
    }
</style>

```

```
</head>
```

```
<body>
```

```
<jsp:include page="Header1.html"></jsp:include>
```

```
<div class="clr" style="height: 10px">
```

```
</div>
```

```

<div class="main">
<div class="contain1">

<div class="container bg-1">
  <div class="col-sm-3"></div>
  <div class="col-sm-6">

      <center><h1><u>Officer Login</u></h1></center><br />

      <form class="form-horizontal">

          <div class="form-group">
              <label class="control-label col-sm-4" for="Username">User
Name:</label>
              <div class="col-sm-8">
                  <input type="text" class="form-control" id="username"
placeholder="username">
              </div>
          </div>
          <div class="form-group">
              <label class="control-label col-sm-4"
for="pass">PassWord:</label>
              <div class="col-sm-8">
                  <input type="password" class="form-control" id="password"
placeholder="Password">
              </div>
          </div>
          <center><button type="button" class="btn btn-
primary">Login</button></center>
      </form>

  </div>
</div class="col-sm-3"></div>

</div>

</div>

</div>

<jsp:include page="footer.html"></jsp:include>
</body> </html>

```

4. AddCaseOfficer.jsp

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<meta charset="utf-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
<title>Insert title here</title>
<link href="css/menu.css" rel="stylesheet" type="text/css" />
<style>
    .header
    {
        width: 80%;
        height: 150px;
        padding: 1% 0% 0 10%;
    }
    .Logo
    {
        -moz-border-radius: 10px;
        -webkit-border-radius: 10px;
        border-radius: 10px;
        -khtml-border-radius: 10px;
    }
    .main
    {
        padding: 1% 0 0 10%;
```

```

        width: 84.5%;
    }
    .contain1
    {
        border-radius: 7px;
        background-color: rgba(255,255,255,0.4);
        height: 350px;
    }
    .footer
    {
        margin-top:10px;
        background-color:black;
        color:white;

        text-align:center;
        padding:1% 0 1% 0;
    }
    .clr
    {
        clear: both;
    }
    .bg-1
    {
        width: 99% ;
        background-color:white;
    }
</style>

```

```
</head>
```

```
<body>
```

```
<jsp:include page="Header.html"/>
```

```
<div class="clr" style="height: 10px">
```

```
</div>
```

```
<div class="main">
```

```
<div class="contain1">
```

```
<div class="container bg-1">
```

```
<div class="col-sm-3"></div>
```

```
<div class="col-sm-6">
```

```

    <br><br>
    <center><h3><u>ADD CASE OFFICER</u></h3></center>
    <br><br>

    <form class="form-horizontal">
    <div class="form-group">
    <label class="control-label col-sm-4" for="ID">Case
ID:</label>
    <div class="col-sm-8">
    <select class="form-control" id="sel1">
    <option>1</option>
    <option>2</option>
    <option>3</option>
    <option>4</option>
    </select>
    </div>
    </div>
    <div class="form-group">
    <label class="control-label col-sm-4" for="Name">Case
Name:</label>
    <div class="col-sm-8">
    <input type="text" class="form-control" id="casename"
placeholder="Case Name" disabled>
    </div>
    </div>

    <div class="form-group">
    <label class="control-label col-sm-4" for="ID">Officer
ID:</label>
    <div class="col-sm-8">
    <select class="form-control" id="sel2">
    <option>1</option>
    <option>2</option>
    <option>3</option>
    <option>4</option>
    </select>
    </div>
    </div>
    <div class="form-group">
    <label class="control-label col-sm-4" for="Name">officer
Name:</label>
    <div class="col-sm-8">

```



```
        <input type="text" class="form-control" id="officer"
placeholder="Case Name" disabled>
    </div>
</div>
    <center><button type="button" class="btn btn-
primary">submit</button></center>

</form>

    </div>
    <div class="col-sm-3"></div>

</div>

</div>

    <jsp:include page="footer.html"></jsp:include>

</body>
</html>
```

5. Add Officer.jsp

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<meta charset="utf-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
<title>Insert title here</title>
<link href="css/menu.css" rel="stylesheet" type="text/css" />
<style>
    .header
    {
        width: 80%;
        height: 150px;
        padding: 1% 0% 0 10%;
    }
    .Logo
    {
        -moz-border-radius: 10px;
        -webkit-border-radius: 10px;
        border-radius: 10px;
        -khtml-border-radius: 10px;
    }
```

```

.main
{
    padding: 1% 0 0 10%;
    width: 84.5%;
}
.contain1
{

    border-radius: 7px;
    background-color: rgba(255,255,255,0.4);
    height: 800px;
}
.footer
{
    margin-top:10px;
    background-color:black;
    color:white;

    text-align:center;
    padding:1% 0 1% 0;
}
.clr
{
    clear: both;
}
.bg-1
{
    width: 99% ;
    background-color:white;
}
</style>

</head>
<body>
    <jsp:include page="Header.html"/>

    <div class="clr" style="height: 10px">
    </div>
    <div class="main">
    <div class="contain1">

    <div class="container bg-1">

```

```

<div class="col-sm-3"></div>
<div class="col-sm-6">
<br><br>
    <center><h3><u>ADD OFFICER</u></h3></center>
    <br><br>

    <form class="form-horizontal">
<div class="form-group">
    <label class="control-label col-sm-4"
for="officerID">Officer ID:</label>
    <div class="col-sm-8">
        <input type="text" class="form-control" id="officerID"
placeholder="ID">
    </div>
</div>
<div class="form-group">
    <label class="control-label col-sm-4"
for="Name">Name:</label>
    <div class="col-sm-8">
        <input type="text" class="form-control" id="casename"
placeholder="Enter Name">
    </div>
</div>

    <div class="form-group">
    <label class="control-label col-sm-4" for="mobilenumber">
Mobile number:</label>
    <div class="col-sm-8">
        <input type="text" class="form-control" id="phno"
placeholder="" >
    </div>
</div>

    <div class="form-group">
    <label class="control-label col-sm-4" for="Address">
Address:</label>
    <div class="col-sm-8">
        <textarea class="form-control" rows="3"
id="address"></textarea>
    </div>
</div>

```

```

    <div class="form-group">
      <label class="control-label col-sm-4" for="email">EMAIL
ID:</label>
      <div class="col-sm-8">
        <input type="text" class="form-control" id="email"
placeholder="username@domain">
      </div>
    </div>
    <div class="form-group">
      <label class="control-label col-sm-4"
for="area">Area:</label>
      <div class="col-sm-8">
        <input type="text" class="form-control" id="area"
placeholder="Street/City">
      </div>
    </div>

    <div class="form-group">
      <label class="control-label col-sm-4"
for="image">Image:</label>
      <div class="col-sm-8">
        <div class="input-group">
          <label class="input-group-btn">
            <span class="btn btn-primary">
Browse&hellip; <input type="file"
style="display: none;">
            </span>
          </label>
          <input type="text" class="form-control" readonly>
        </div>
      </div>
    </div>
    <center></center><br><br>
    <center><button type="button" class="btn btn-
primary">submit</button></center>
  </div>

</form>

```

```
</div>
  <div class="col-sm-3">

    </div>

</div>

</div>

</div>

<jsp:include page="footer.html"></jsp:include>

</body>
</html>
```

5. AddResult.jsp

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<meta charset="utf-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
<title>Insert title here</title>
<link href="css/menu.css" rel="stylesheet" type="text/css" />
<style>
    .header
    {
        width: 80%;
        height: 150px;
        padding: 1% 0% 0 10%;
    }
    .Logo
    {
        -moz-border-radius: 10px;
        -webkit-border-radius: 10px;
        border-radius: 10px;
        -khtml-border-radius: 10px;
    }
}
```

```

    .main
    {
        padding: 1% 0 0 10%;
        width: 84.5%;
    }
    .contain1
    {
        border-radius: 7px;
        background-color: rgba(255,255,255,0.4);
        height: 100%;
    }
    .footer
    {
        margin-top:10px;
        background-color:black;
        color:white;

        text-align:center;
        padding:1% 0 1% 0;
    }
    .clr
    {
        clear: both;
    }
    .bg-1
    {
        width: 99% ;
        background-color:white;
    }
</style>

</head>
<body>
    <jsp:include page="Header.html"/>

    <div class="clr" style="height: 10px">
    </div>
    <div class="main">
    <div class="contain1">

    <div class="container bg-1">

```



```

<div class="col-sm-3"></div>
<div class="col-sm-6">
  <br><br>
  <center><h3><u>ADD RESULT</u></h3></center>
  <br><br>

  <form class="form-horizontal">

    <div class="form-group">
      <label class="control-label col-sm-4" for="ID">Case
ID:</label>
      <div class="col-sm-8">
        <select class="form-control" id="sel1">
          <option>1</option>
          <option>2</option>
          <option>3</option>
          <option>4</option>
        </select>
      </div>
    </div>

    <div class="form-group">
      <label class="control-label col-sm-4" for="Name">Case
Name:</label>
      <div class="col-sm-8">
        <input type="text" class="form-control" id="casename"
placeholder="Case Name" disabled>
      </div>
    </div>

    <div class="form-group">
      <label class="control-label col-sm-4"
for="ID">Suspect:</label>
      <div class="col-sm-8">
        <select class="form-control" id="sel2">
          <option>1</option>
          <option>2</option>
          <option>3</option>
          <option>4</option>
        </select>

```

```
        </div>
    </div>
    <div class="form-group">
        <label class="control-label col-sm-4" for="note">
Note:</label>
        <div class="col-sm-8">
            <textarea class="form-control" rows="3"
id="comment"></textarea>
        </div>
    </div>
    <center><button type="button" class="btn btn-
primary">submit</button></center>

</form>

    </div>
    <div class="col-sm-3"></div>

</div>

</div>

</div>

    <jsp:include page="footer.html"></jsp:include>

</body>
</html>
```

7. Header.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
  <link href="css/menu.css" rel="stylesheet" type="text/css" />
</head>
<body>
  <div class="header">
    <div class="logo">
      </div>
    <div style="height: 10px">
</div>
    <div class="container">
      <ul id="nav">
        <li><a href="addcase.jsp">Add Case</a></li>
        <li><a class="hsubs" href="addofficer.jsp">Add
Officer</a> </li>
        <li><a class="hsubs" href="#">Add Case
Officer</a> </li>
        <li><a class="hsubs" href="#">Predict Result</a>
</li>
        <li><a href="#">Add Result</a></li>
        <li><a href="#">View Suspect</a></li>
        <li><a href="#">View Evidence</a></li>
        <li><a href="#">View Caes History</a></li>
        <li><a href="#">LogOut</a></li>
        <div id="Lavalamp">
</div>
      </ul>
    </div>
    <div class="clr" style="height: 10px">
</div>
  </div>
</body>
</html>
```

8. Footer.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
  <link href="css/menu.css" rel="stylesheet" type="text/css" />
</head>
<body>
<div class="footer">
  <p> Copyright © 2016 All Rights Reserved || Name</p>
</div>
</body>
</html>
```

9. JAVA Connection Class

```
package com.info.connection;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;

public class Conn
{
    static Connection con;

    public static Connection getcon()
    {
        try
        {
            Class.forName("com.mysql.jdbc.Driver");

            con=DriverManager.getConnection("jdbc:mysql://localhost:3306/user", "root", "sa");

        }
    }
}
```

```
        catch (Exception e)
        {
            System.out.println("Error Occured!!!");
        }

        return con;
    }
    public void terminatecon(Connection con) throws SQLException
    {
        con.close();
    }
}
```

Interface View:-



3. CONCLUSION: -

In this project very economical, secure, affordable, remotely controlled solution for criminal investigation tracker has been proposed. The approach discussed in this project has achieved the target to keep track of case and prediction of suspect using this type of interface. The Extensive capabilities of this system are what make it so interesting.

4. REFERENCES:-

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