COURT CASE MANAGMENT SYSTEM

Project report submitted in partial fulfilment of the
requirements for the award of the degree of
BACHELOR OF TECHNOLOGY
IN

INFORMATION TECHNOLOGY

Submitted By

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ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND
SCIENCES (UGC AUTONOMOUS)
(permenantly Affiliated to AU Approved by AICTE and
Accreditedby NBA&NAAC with 'A' Grade)
Sangivala,Bheemunipatnam Mandal,Visakhapatnam Dist(A.P)
2022-2023

DECLARATION

This is to certify that the project work entitled "COURT CASE MANAGEMENT SYSTEM" is a bonafide work carried out by CH.BHAVANA, SK.MOHAMMAD FIROZ, T.JOHANAN FINNU, B.ATCHYUTH KUMAR, as a part of B.TECH thirdyear 1st semester of Information Technology of Andhra University, Visakhapatnam during the year 2022-2023.

we, CH.BHAVANA , SK.MOHAMMAD FIROZ , T.JOHANAN FINNU, B.ATCHYUTH KUMAR students of 3RD year B.Tech, Information Technology from ANITS, Visakhapatnam, hereby declare that the project entitled "COURT CASE MANAGEMENT SYSTEM" is carried out by us and submitted in fulfilment of the requirements for the award of Bachelor of Technology in Information Technology, under Anil Neerukonda Institute of Technology and Sciences during the academic year 2020-2024 and has not been submitted to any other university for the award of any kind of degree.

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ACKNOWLEDGEMENT

We would like to express our deep gratitude to our project guide GAUTHAMI UPPADA [Assistant professor], Department of Information Technology, ANITS for his/her guidance with unsurpassed knowledge and immense encouragement. We are grateful to Dr .M. Rekha Sundari , Head of Department of IT, for providing us with the required facilities for the completion of the project work.

We are very much thankful to the principal, ANITS, Sangivalasa , for their encouragement and cooperation to carry out this work.

We express our thanks to all teaching faculty of Department of IT, whose suggestions during reviews helped us in accomplishment of our project. We would like to thank all non-teaching staff of Department of IT, ANITS for providing great assistance in accomplishment of our project.

We would like to thank our parents, friends, classmates for their encouragement throughout our project period. We thank everyone for supporting us directly or indirectly in completing this project successfully.

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2020-2024

ANITS CERTIFICATE

This is to certify that this project report "COURT CASE MANAGEMENT
SYSTEM" is a bonafide work carried out by CH.BHAVANA, SK.MOHAMMAD FIROZ,
T.JOHANAN FINNU, B.ATCHYUTH KUMAR in partial fulfilment of the requirements for
the awardof Bachelor of Technology in Information Technology of Anil Neerukonda
Institute of Technology and Sciences,
Visakhapatnam is a record of bonafide work carried out under my guidance and
supervision.

PROJECT GUIDE	**HEAD OF THE DEPARTMENT**
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CONTENTS

CLASS DIAGRAM

Aim: To Design and implement Court case Management System through class Diagram.

Purpose: Class diagram shows set of class interfaces collaboration and there relationships. Class diagram addresses the static design view (or) the stat process view of a system.
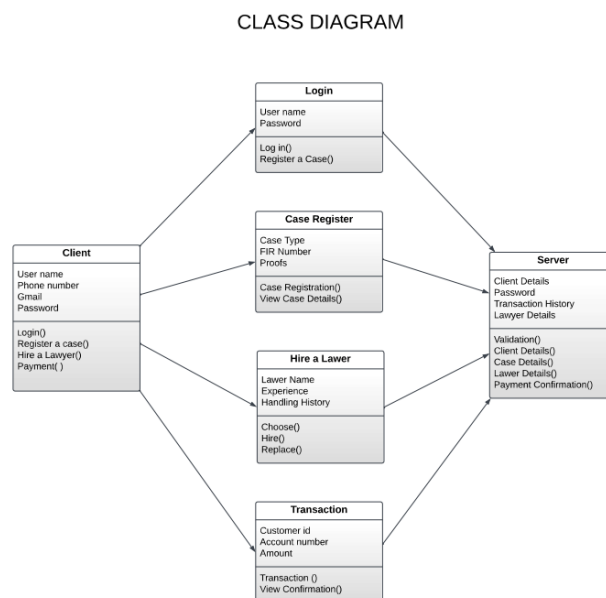
Procedure:
 Initally Classes are created
 Client,Login,Register,Server,Hire a Lawer,Transaction.
 Appropriate relationships are between classes are established.

Applications:

Court case management System.

CLASS DIAGRAM

USECASE DIAGRAM

Aim: To Design and implement Court Case Management system through usecase diagram.

Purpose: The purpose of usecase diagram is to capture dynamic aspects of a system. It is used to gather requirements of a system used get an outside view of a system.

Procedure:
- First an actor is created User
- Secondly a department is created Court Case management
- A usecase Register, Login, Register a new case, Case Details,Hire a Lawyer,Transaction,Confirmation.
- Similarly relationships are associated accordingly.

Purpose: The purpose of the sequence diagram is to capture the time sequence of messages flow from one object to another object.

Use Case Diagram
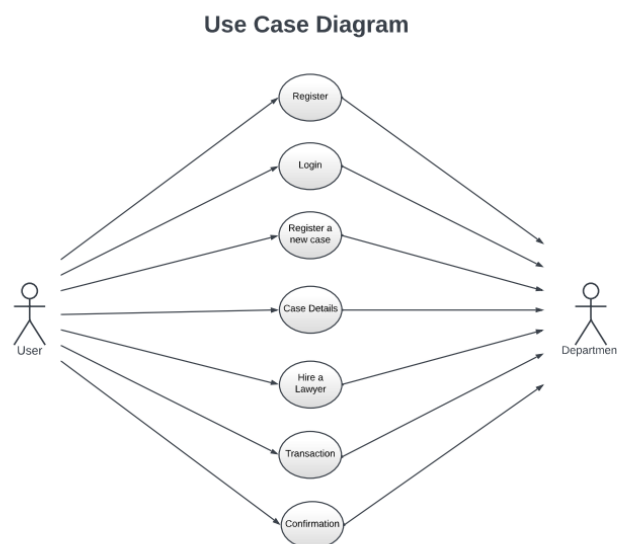
SEQUENCE DIAGRAM

Aim: To design and implement Blood Bank Management system through Sequence diagram.
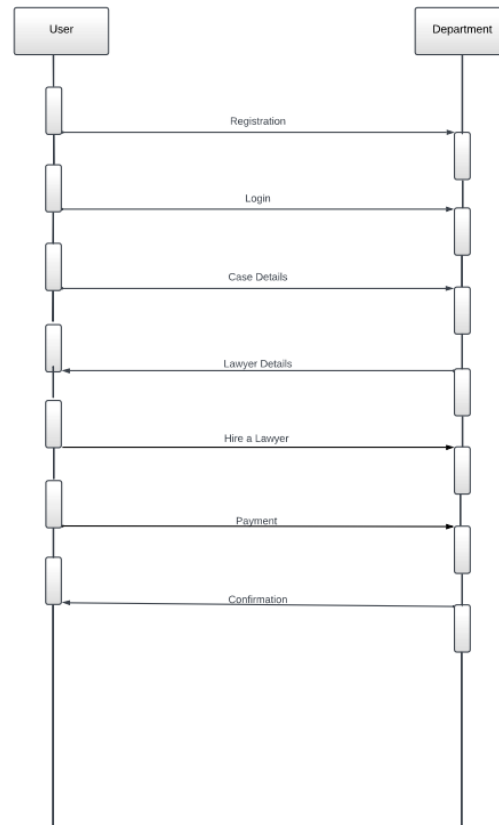
Purpose: The purpose of the sequence diagram is to capture the timesequence of messages flow from one object to another object.

Procedure:

The first user has to register with name and details.

Then he/she uses the details further to login,register a new

case,to hire a lawyer and for payments etc…

Sequence Diagram

COLLABORATION DIAGRAM

Aim: To design collaboration diagram for COURT CASE MANGEMENT SYSTEM.

Purpose: A collaboration diagram, also known as a communication diagram, is an illustration of the relationships and interactions among software objects in the Unified Modeling Language (UML). These diagrams can be used to portray the dynamic behavior of a particular use case and define the role of each object. There are three primary elements of a collaboration diagram: Objects, Links, Messages.

Procedure:
 1)First create two objects named USER and DEPARTMENT

 2)Draw the direction flow

 3)Now mention the Messages based on the sequence and the direction flow

Collabration Diagram

1.Registration
2.Login
4.Register New Case
5.Case Details
7.Hire a Lawyer
8.Payment

User ——————→ Depatment

3.Validation
6.Lawyer Details
9.Confirmation

STATE CHART DIAGRAM

Aim: To design and implement state chart diagram of COURT CASE MANGEMENT SYSTEM.

Purpose: To model dynamic aspect of a system. To model life time of a relativesystem. To describe different states of an object. Defines a state machine to model states of an object

Procedure:
- The states are created idle, login, validation, case registration, case details, hire a lawyer, transactions
- Then start connecting the states from start symbol
- And terminate the state chart

State Chart
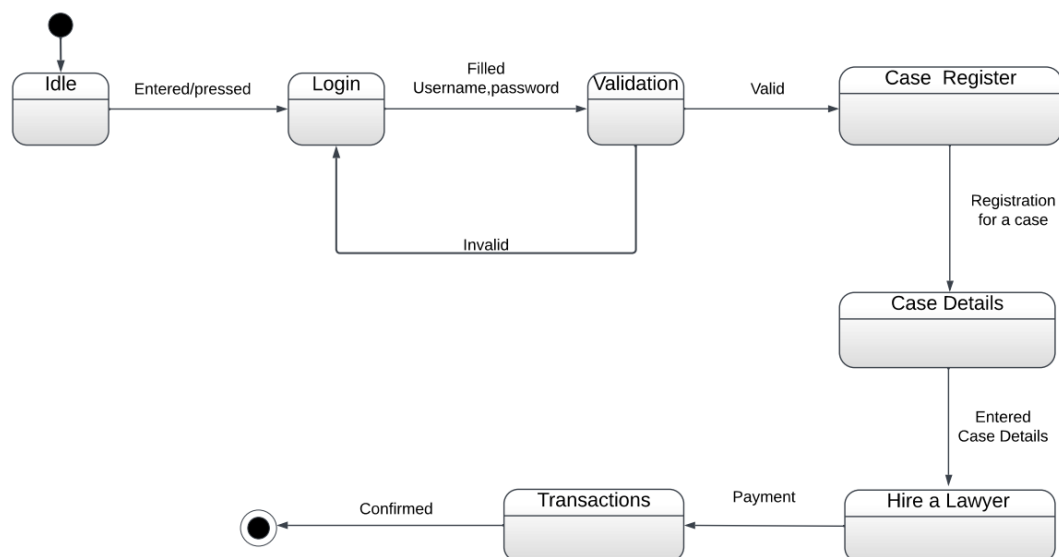
ACTIVITY DIAGRAM

Aim: To design and implement Activity diagram of COURT CASE MANGEMENT SYSTEM.

Purpose: An Activity diagram shows the flow from activity to activity. An activity is an ongoing non atomic execution within a state machine. Activities ultimately results in some action, which is made up of executable atomic computations. We can use these diagrams to model the dynamic aspects of a system

Procedure:

• Initially Start symbol is created.
• States are created as Registration ,login ,register a new case ,case details , hire a lawyer ,payment ,confirmation
• Association relationships is established between the actors and terminate it.

Activity Diagram
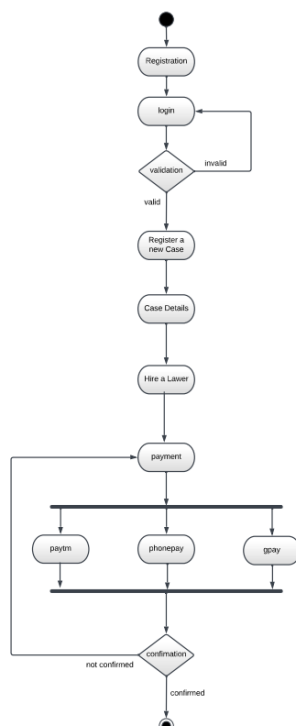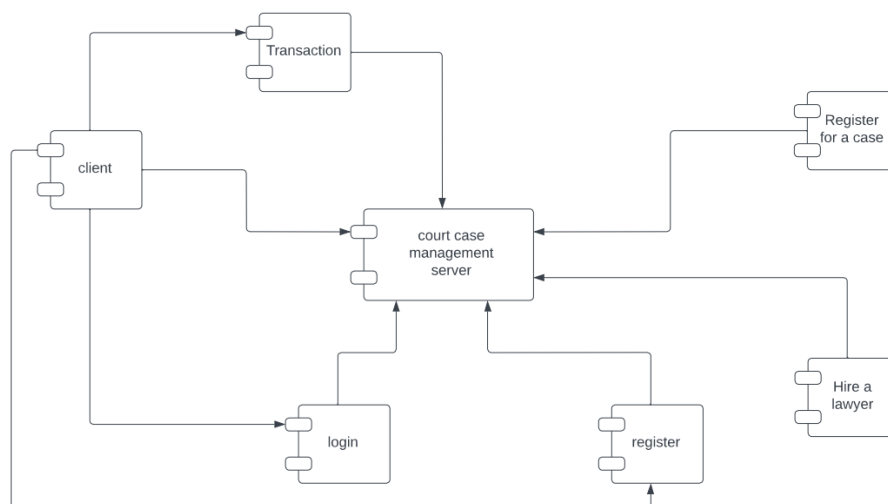
COMPONENT DIAGRAM

Aim: To design and implement component diagram of COURT CASE MANGEMENT SYSTEM.

Purpose: Component diagrams can be described as a static implementation represents the organisation of the components at a particular moment represent of the components at a particular moment represent the entire system but a collection of diagrams are used to represent the whole.

Procedure:

Initially components are created register, login , client ,register for a new case , hire a lawyer , transaction , COURT CASE MANGEMENT SYSTEM

- Association relationships is established between user and other components.
- component diagram is constructed.

DEPLOYMENT DIAGRAM

Aim: To design and implement deployment diagram of COURT CASE MANGEMENT SYSTEM.

Purpose:

Deployment diagram are used to visualize the topology of the physical components of system where the software components are deployed. So deployment diagrams are used to describe the static deployment view of a system.

Procedure:

- First node database is created.
- Various nodes log device, display, keyboard, Receipt printer, networkinterface, court case database server.
- Association relationships is established between the nodes
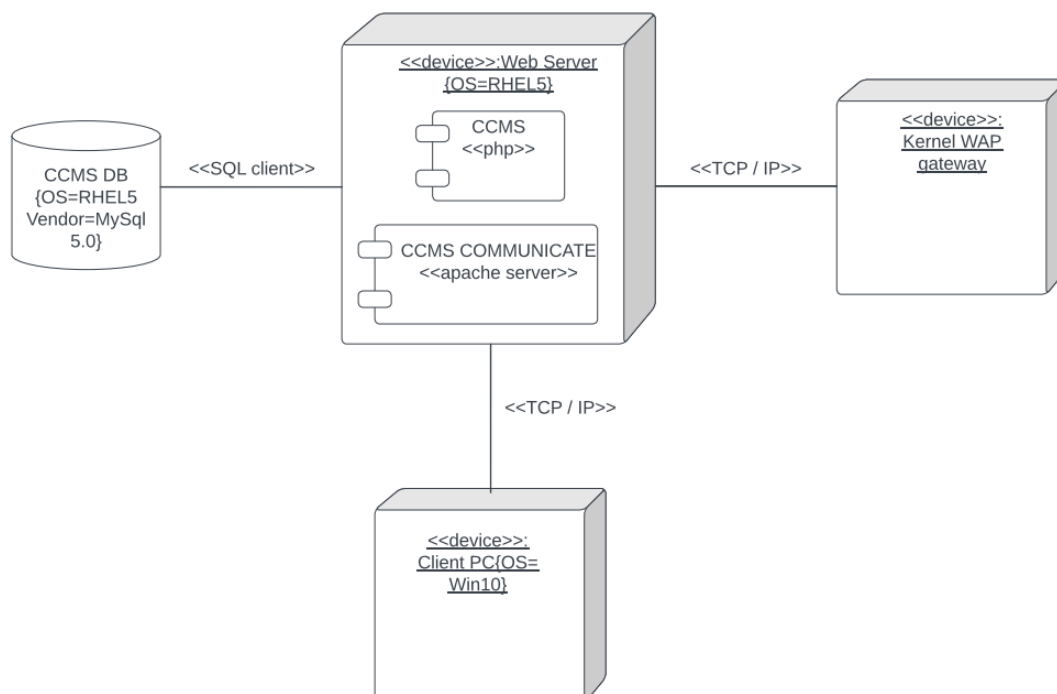
WEB DEVELOPMENT CODES:

REGISTRATION PAGE:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Court Case Management</title>
    <link href="./Css.css" rel="stylesheet">
</head>
<body class="body">
<div class="naivebar"></div>
<div class="login">
<center><h1>COURT CASE MANAGEMENT</h1></center>
<pre> <img src="./IMG/2.png">
        User Name        <input class="input">
        Gmail             <input class="input">
        Phone no         <input class="input">
        Password          <input class="input">
        <button class="button"><a href="./login.html"> Register </a></button>
        Already a User ! <a href="./login.html" >Log in</a>
    </pre>
    </div>
  </body>
</html>
```

LOGIN PAGE:

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Court Case Management</title>
  <link href="./Css.css" rel="stylesheet">
</head>
<body class="body">
<div class="login">
  <center><h1>COURT CASE MANAGEMENT</h1></center>
  <pre> <img src="./IMG/2.png">
      USERNAME:      <input class="input">
```

```
            PASSWORD:       <input class="input">
            <button class="button" ><a href="./page1.html"> Log in </a></button>
            Are you a  New User ! <a href="./register.html" >Register</a>
        </pre>
      </div>
    </body>
</html>
```

PAGE 1:

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>PAGE 1</title>

   <link href="./Css.css" rel="stylesheet">
</head>

<body class="body1" >
   <div class="div0">
      <button class="div1"><a href="./sp1.html">REGISTER NEW CASE</a></button>
      <button class="div2"><a href="./sp2.html">CASE DETAILS</a></button>
      <button class="div3"><a href="./sp3.html">HIRE A LAWYER</a></button>
      <button class="div4"><a href="./sp4.html">TRANSACTION </a> </button>
      </div>
   </body>
</html>
```

SP1:

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>PAGE 1</title>
   <link href="./Css.css" rel="stylesheet">
</head>
<body class="body1" >
   <div class="div0">
      <pre>
```

```
    <b>Register a Case</b>
     Type of Case        <select class="input"><option>Civil</option><option>Criminal</option></select>
     FIR No                <input class="input">
     Proofs                <select class="input"><option>No</option><option>Yes</option></select>
    <button class="button"><a href="./sp2.html"> Submit </a></button>
  </div>
  </body>
</html>
```

SP2:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>PAGE 1</title>
  <link href="./Css.css" rel="stylesheet">
</head>
<body class="body1" >
  <div class="div0">
    <pre>
    <b>CASE DETAILS</b>
    Type of Case      -      Civil
    FIR No            -      24/sw/19
    Proofs            -      Yes
    <button class="button"><a href="./sp3.html">  Next    </a></button>
     </div>
  </body>
</html>
```

SP3:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>PAGE 1</title>
  <link href="./Css.css" rel="stylesheet">
  <script type="text/javascript" src="uml.js"> </script>
</head>
<body class="body1" >
 <div class="div0">  <pre>
```

```
        <center><h1>COURT CASE MANAGEMENT</h1></center>
            <button  class="l" id="L1" onclick="msg1()" >LAWYER 1</button>        <a
href="./sp4.html"><button class="ok">Hire</button></a>
            <button  class="l" id="L2" onclick="msg2()">LAWYER 2</button>        <a
href="./sp4.html"><button class="ok">Hire</button></a>
            <button  class="l" id="L3" onclick="msg3()">LAWYER 3</button>        <a
href="./sp4.html"><button class="ok">Hire</button></a>
            <button  class="l" id="L4" onclick="msg4()">LAWYER 4</button>        <a
href="./sp4.html"><button class="ok">Hire</button></a>
        </pre>
    </div>
  </body>
</html>
```

SP4:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>PAGE 1</title>
  <link href="./Css.css" rel="stylesheet">
</head>
<body class="body1" >
  <div class="div0">
    <pre>
    <b>Payment</b>
          <a href="https://phonepe.force.com/login?locale=us"><img src="./IMG/phpay.png"></a>
           <a href="https://paytm.com/login"><img src="./IMG/paytm.png"></a>
           <a href="https://pay.google.com/gp/w/u/0/home/signup?sctid=2145860849706385"><img
src="./IMG/gpay.png"></a>
           Already paid?<a href="./sp5.html">Confirmation</a>
</pre>
    </div>
  </body>
</html>
```

SP5:

```
<!DOCTYPE html>
<html lang="en">
<head>
```

```html
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>PAGE 1</title>
    <link href="./Css.css" rel="stylesheet">
</head>
<body class="body1" >
    <div class="div0">
      <pre>
     <img src="./IMG/check.png">
                <i class="success">  Your Payment successful!! </i>
                <button class="button"><a href="./login.html">   Exit   </a></button>
                </pre>
      </div>
    </body>
</html>
```

Css.css

```css
*{
    font-size:25px;
    font-weight: bold;
    font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana,
sans-serif;
}
.body{
    background-image: url(./c.webp);
    background-repeat: no-repeat;
    background-size:cover;
}
.body1{
    background-image: url(./c.webp);
    background-repeat: no-repeat;

 background-size:cover;
}
.login{
    width:700px;
    height:700px;
    border-radius: 25px;
    border-color: black;
    border-style: groove;
    position: relative;
    left:1100px;
    top:150px;

 background-image: linear-gradient(to bottom,rgb(161, 93, 11),white,rgb(239, 201, 147));
}
.input{
```

```css
    border-radius: 25px;
    border-color: blanchedalmond;
    color:rgba(176, 106, 49, 0.742)
}
.button{
    height:50px;
    border-radius: 25px;
    background-color:rgba(232, 174, 127, 0.742);
}
.div0{
    width:700px;
    height:800px;
    border-radius: 25px;
    border-style: groove;
    border-color:black;

 position: relative;
    left:1100px;
    top:100px;
    background-image: url(./IMG/cream.jpg);
    background-repeat: no-repeat;
    background-size:cover;

}
.div1{
    width:500px;
    height:80px;
    border-radius: 25px;
    border-style: groove;
    position: relative;
    left:100px;
    top:80px;
    background-color:rgb(178, 234, 233);

}
.div2{
    width:500px;
    height:80px;
    border-radius:25px;
    border-style: groove;
    position: relative;
    left:100px;
    top:180px;
    background-color:rgb(178, 234, 233);
}
div3{
    width:500px;
    height:80px;
    border-radius: 25px;
    border-style: groove;
```

```css
 position: relative;
  left:100px;
  top:280px;
  background-color:rgb(178, 234, 233);
}
.div4{
  width:500px;
  height:80px;
  border-radius: 25px;
  border-style: groove;
  position: relative;
  left:100px;
  top:380px;
  background-color:rgb(178, 234, 233);
}
a:link{
  text-decoration: none;
  color: black;
}
.success{
  color: green;
}
#L1:hover{
  color: green;
}
#L2:hover{
  color: green;
}
#L3:hover{
  color: green;
}
#L4:hover{
  color: green;
}
.l{
  width:300px;
  height:80px;
  border-radius: 25px;
  border-style: groove;
  background-color:rgb(178, 234, 233);
}
.ok{
  border-radius: 25px;


  border-style: groove;
  background-color:rgb(24, 212, 30);
}
```

Uml.js

```javascript
function msg1(){
   alert("Name:Atchuth   Cases:28   winratio:7:2")
}
function msg2(){
   alert("Name:USER2   Cases:30   winratio:9:1")
}
function msg3(){
   alert("Name:USER3   Cases:16    winratio:13:3")
}
function msg4(){
   alert("Name:USER4   Cases:20    winratio:8:2")
}
```

JAVA CODE:

```java
public class Client{
        private string username;
        private int phone number;
        private string gmail;
        private string password;
        public Login(){
        }
        public Register a case(){
        }
        public Hire a Lawyer(){
        }
        public Payment(){
        }
}
Public class Login{
        private string username;
        private string password;
        public Login(){
        }
        public Register a case(){
        }
}

Public class Case Register{
        private string casetype;
        private string FIR number;
        bool proofs;



public case registration(){
        }
        public view case details(){
```

```
        }
}

public class Case Hire a Lawer{
        private string lawyer name;
        private int experience;
        private int Handling history;
        public choose(){
        }
        public hire(){
        }
   public repalce(){
        }
}

public class Case Transaction{
        private string customer id;
        private int account number;
        private int amount;
        public transaction(){
        }
        public view confirmation(){
        }
}

public class Case Server{
        private ArrayList<client details>;
        private ArrayList<password>;
        private ArrayList<tranasction history>;
        private ArrayList<lawyer details>;
        public validation(){
        }
        public client details(){
        }
        public case details(){
        }
        public lawyer details(){
        }
        public confirmation(){
        }
}
```

FRONT END:

127.0.0.1:5500 says

Name:USER2   Cases:30   winratio:9:1

OK

COURT CASE MANAGEMENT

LAWYER 1   Hire

LAWYER 2   Hire

LAWYER 3   Hire

LAWYER 4   Hire

Payment

Already paid?Confirmation

https://pay.google.com/gp/w/u/0/home/signup?sctid=2145860849706385