Roll No. : 18WH1A1207   Date:

Aim : Development of problem statement.

PROBLEM STATEMENT:

Exam Registration system is used in the effective dispatch of registration form to all of the students. This system adopts a comprehensive approach to minimize the manual work and schedule resources, time in a cogent manner. The core of the system is to get the online registration form (with details such as name, reg.no etc.,) filled by the student whose testament is verified for its genuineness by the Exam Registration System with respect to the already existing information in the database. This forms the first and foremost step in the processing of exam application. After the first round of verification done by the system, the information is in turn forwarded to the Exam Controller. The application is then processed manually based on the report given by the system. The system also provides the student the list of exam dates.The controller will be provided with fees details to display the current status of application to the student, which they can view in their online interface. After all the necessary criteria has been met, the original information is added to the database and the hall ticket is sent to the student.

Roll No. : 18WH1A1207   Date:

Aim : Preparation of Software Requirement Specification Document.

EXAM REGISTRATION SYSTEM
SOFTWARE REQUIREMENT SPECIFICATION

INTRODUCTION
Exam Registration System is an interface between the Student and the Exam Controller responsible for the Issue of Hall Ticket. It aims at improving the efficiency in the Issue of Hall ticket and reduces the complexities involved in it to the maximum possible extent.

PURPOSE
If the entire process of 'Issue of Hall ticket' is done in a manual manner then it would take several days for the hall ticket to reach the student. Considering the fact that the number of students for hall tickets is increasing every year, an Automated System becomes essential to meet the demand. So this system uses several programming and database techniques to elucidate the work involved in this process. As this is a matter of National Security, the system has been carefully verified and validated in order to satisfy it.

SCOPE

- The System provides an online interface to the user where they can fill in their personal details and submit the necessary documents (may be by scanning).
- The controller concerned with the issue of hall ticket can use this system to reduce his workload and process the application in a speedy manner.
- Provide a communication platform between the student and the controller.
- Students will come to know their status of application and the date in which they must subject themselves for manual document verification.

DEFINITIONS, ACRONYMS AND THE ABBREVIATIONS
- Exam Controller - Refers to the super user who is the Central Authority who has been vested with the privilege to manage the entire system.
- Student - One who wishes to obtain the Hall Ticket.
- ERS - Refers to this Examination Registration System.
- HTML - Markup Language used for creating web pages.
- J2EE – Java 2 Enterprise Edition is a programming platform java platform for developing and running distributed java applications.
- HTTP - HyperText Transfer Protocol.
- TCP/IP – Transmission Control Protocol/Internet Protocol is the communication protocol used to connect hosts on the Internet.

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TECHNOLOGIES TO BE USED
- HTML
- JSP
- Javascript
- Java

TOOLS TO BE USED
- Eclipse IDE (Integrated Development Environment)
- Rational Rose tool (for developing UML Patterns)

SOFTWARE INTERFACE
- Front End Client - The exporter online interface is built using JSP and HTML.
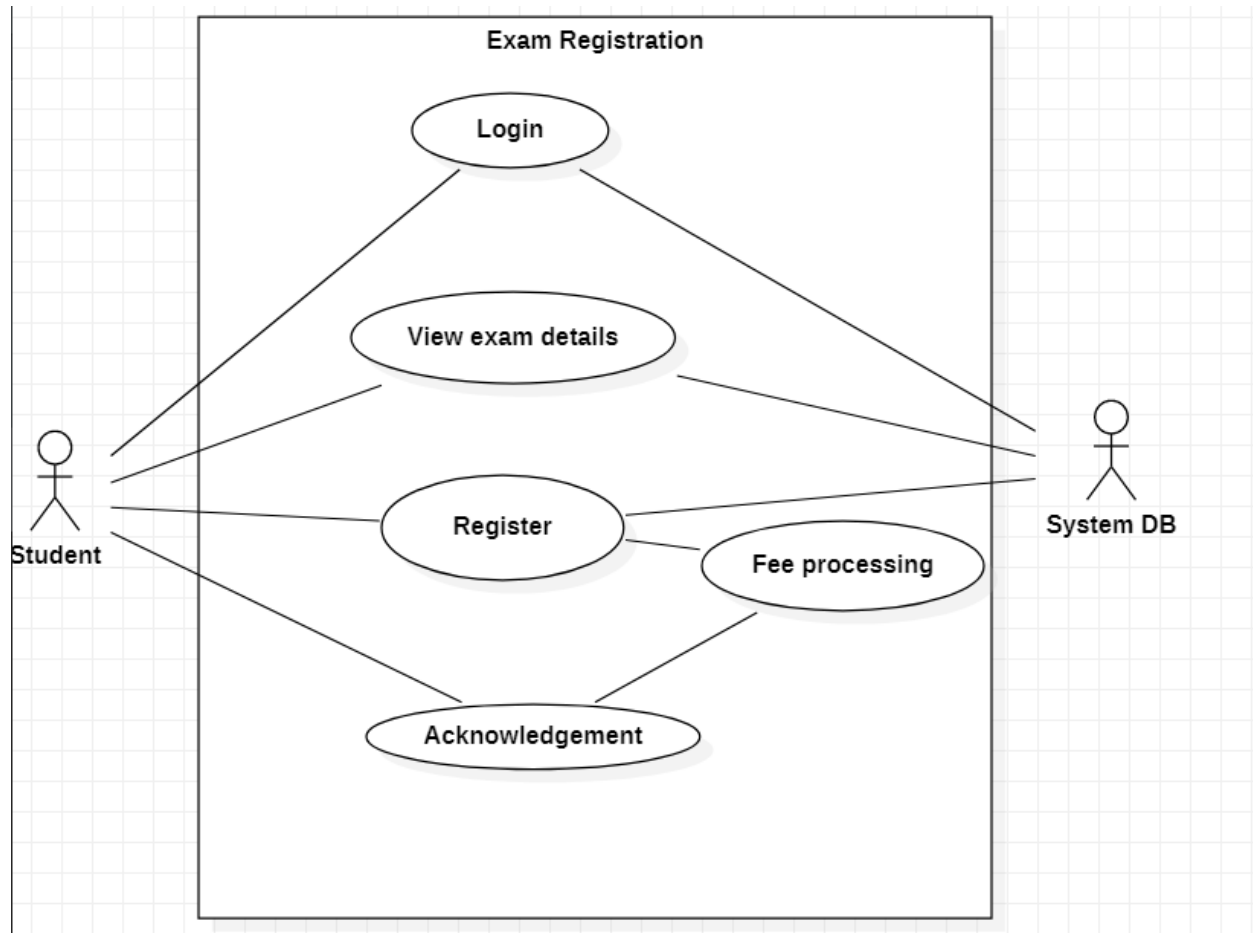- Web Server – Apache Tomcat Server
- Back End - MySQL

USER CHARACTERISTICS
- Login and Register
- Search bar for specific exams or exams on specific dates or exams related to a specific category
- Update the information after registration
- Viewing status of application
- Online timetable
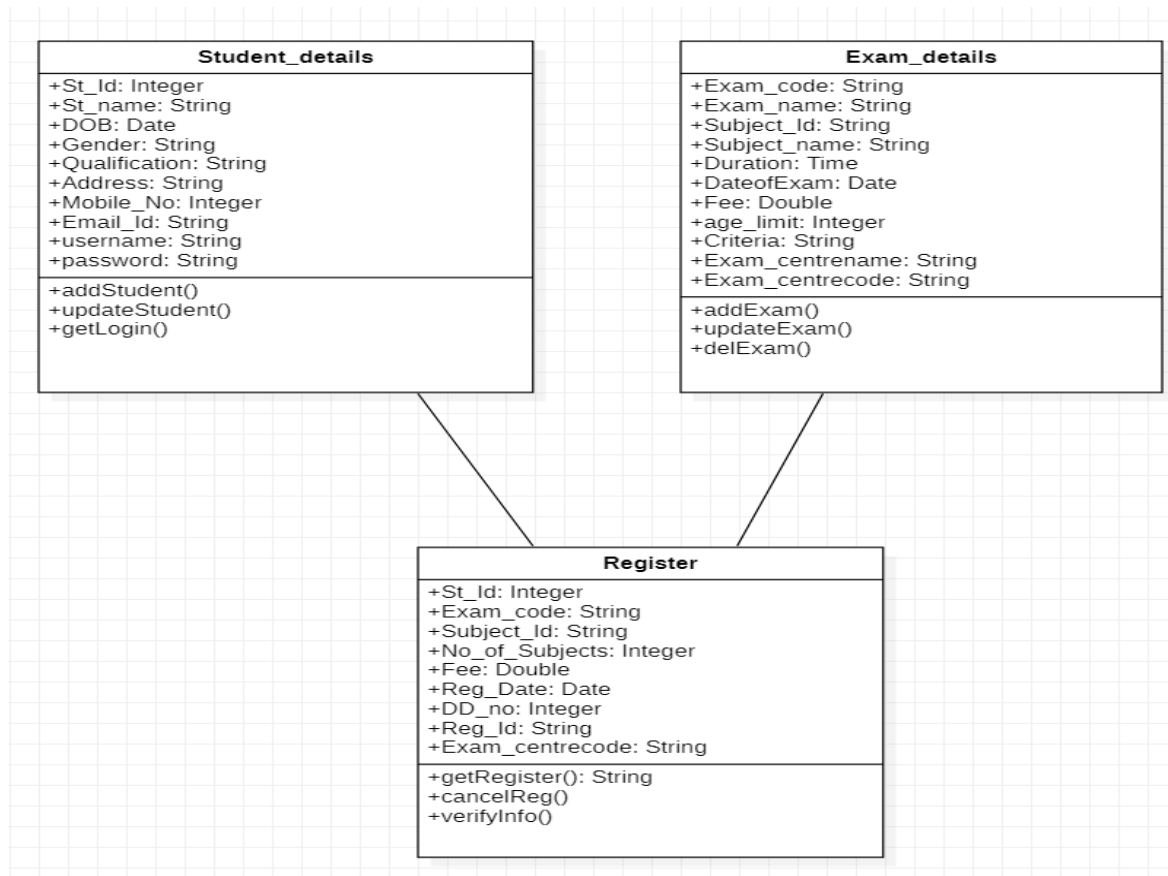- Online hall ticket download

Roll No. : 18WH1A1207   Date:

Aim : Design Documents and Testing Phase related documents.
Exam Registration System

DOCUMENTATION OF USE CASE DIAGRAM

- The actors in the use case diagram are Student,Systemdb.
- The use cases are Register,Login,View exam details, Fee   processing,Acknowledgement.
- The actors use the use case are denoted by the arrow.
- The register use case is used by student to set username and password .
- The login use case checks the student's username and password.
- View exam details use case is used by student.
- And finally the acknowledgement use case is given by Systemdb if fee processing is done successfully.

Roll No. : 18WH1A1207   Date:

DOCUMENTATION OF CLASS DIAGRAM

Student_details
+St_Id: Integer
+St_name: String
+DOB: Date
+Gender: String
+Qualification: String
+Address: String
+Mobile_No: Integer
+Email_Id: String
+username: String
+password: String

+addStudent()
+updateStudent()
+getLogin()

Exam_details
+Exam_code: String
+Exam_name: String
+Subject_Id: String
+Subject_name: String
+Duration: Time
+DateofExam: Date
+Fee: Double
+age_limit: Integer
+Criteria: String
+Exam_centrename: String
+Exam_centrecode: String

+addExam()
+updateExam()
+delExam()

Register
+St_Id: Integer
+Exam_code: String
+Subject_Id: String
+No_of_Subjects: Integer
+Fee: Double
+Reg_Date: Date
+DD_no: Integer
+Reg_Id: String
+Exam_centrecode: String

+getRegister(): String
+cancelReg()
+verifyInfo()

STUDENT_DETAILS

It consists of six attributes and six operations.The attributes are id, password, name, age, sex,course. The operations of this class are login(), logout(), conformation(), register(),fees details().
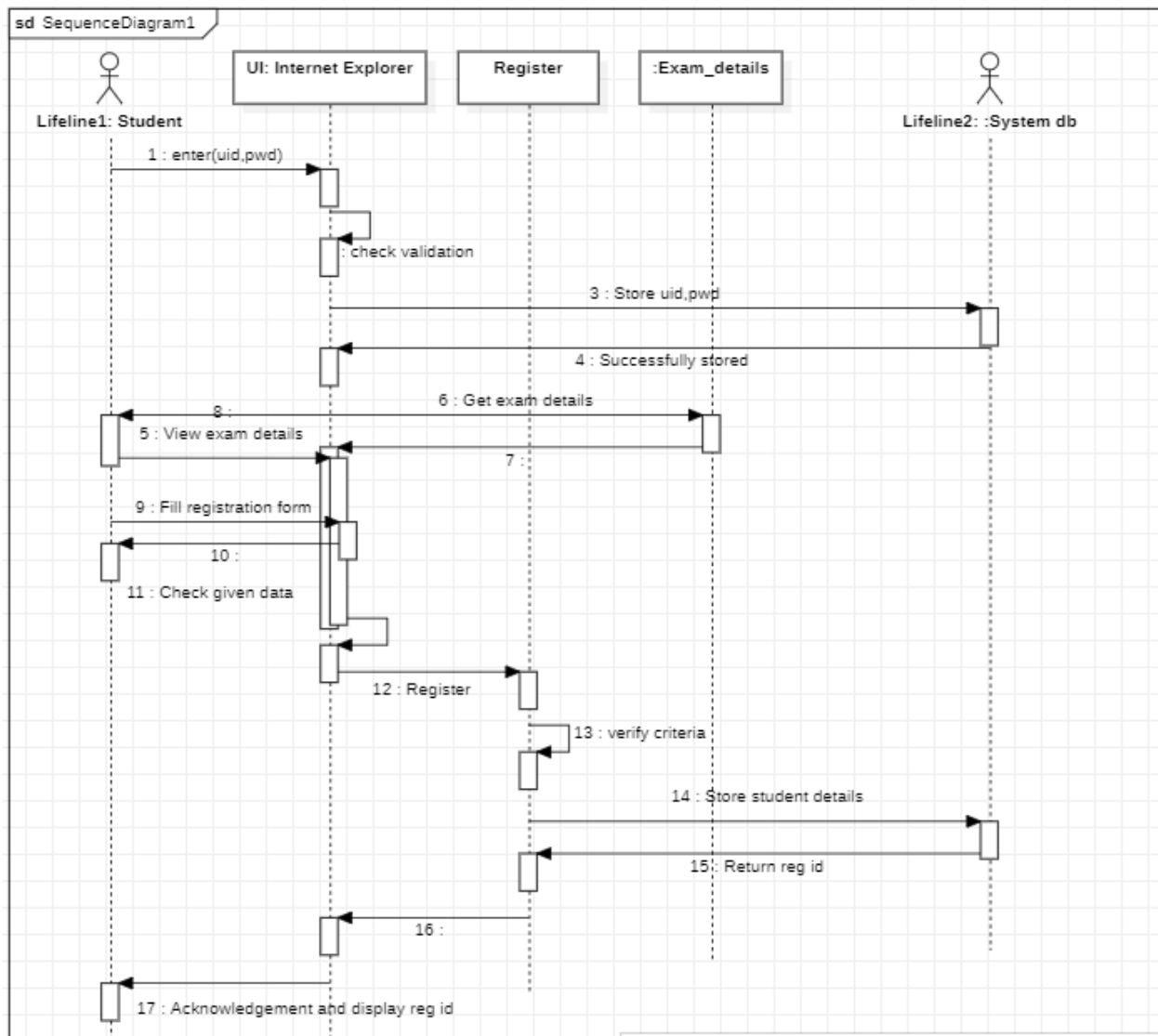
EXAM_DETAILS

It consists of four attributes and six methods. The attributes are userid, password,exam fee, fees due. The methods are login(),logout(), fees details(), display fees(),conformation(), exam controller().
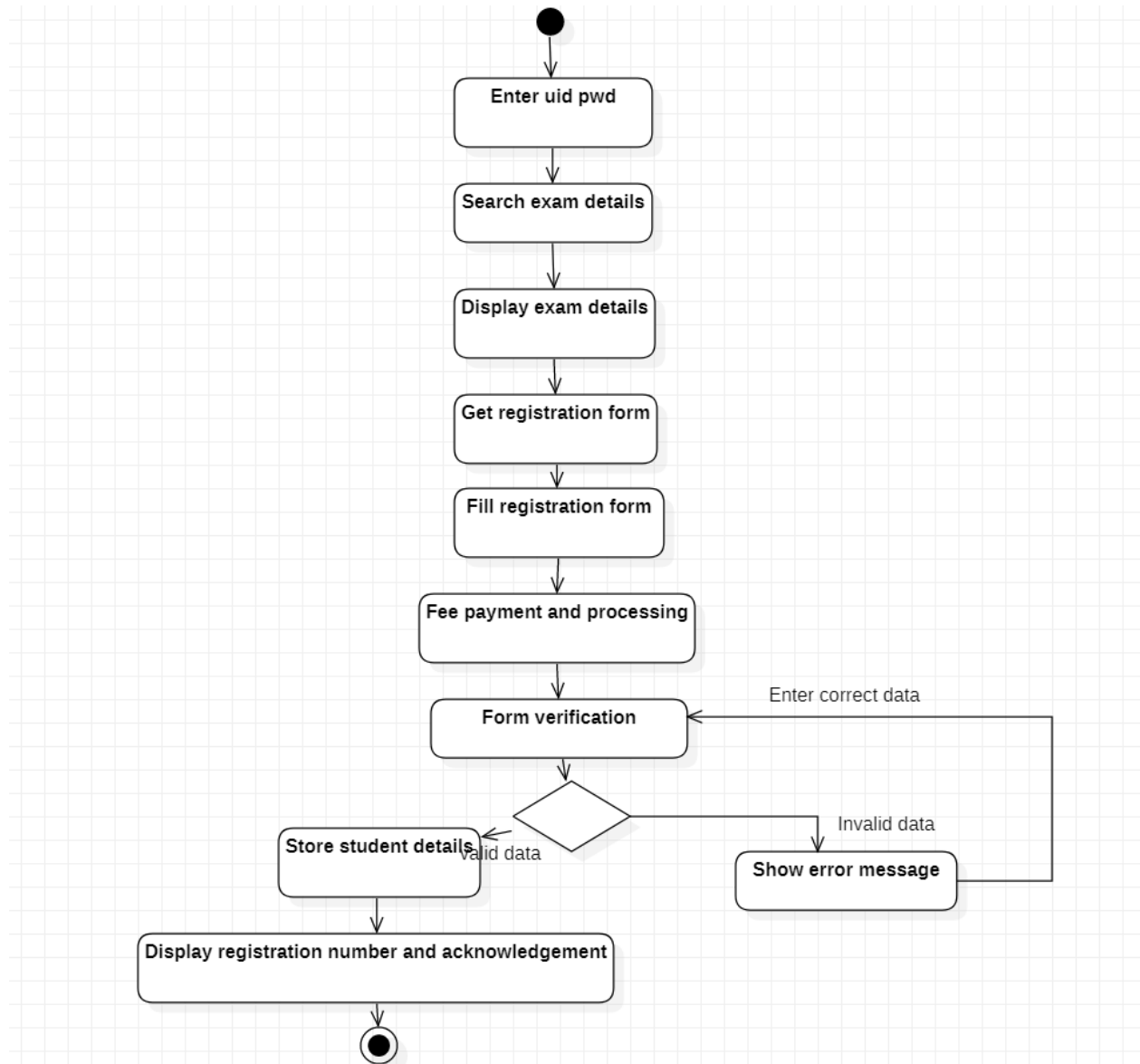
REGISTER

This class is used to maintain the registered student information such as, subject registered, date of registration and etc,.

Roll No. : 18WH1A1207   Date:

DOCUMENTATION OF SEQUENCE DIAGRAM.

- Student login and details get stored in the database.
- Exam controller issues the hallticket after verifying fee processing details and gives acknowledgement.
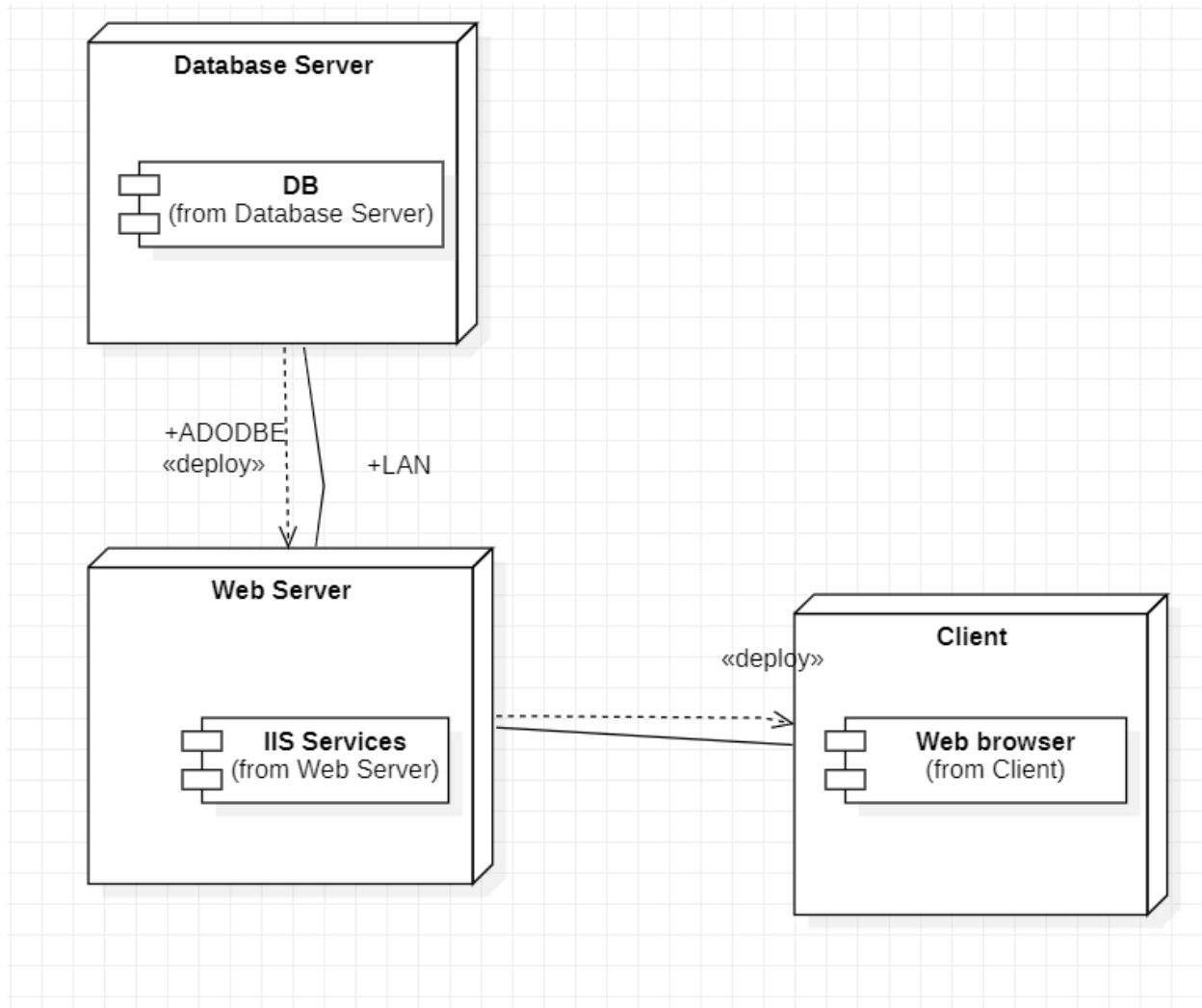
DOCUMENTATION OF ACTIVITY DIAGRAM

- The activities in the exam registration system are login,registration,exam details,fee processing and verification.
- In the login activity student give their username and password and then login into the exam registration system after then checks the exam details and completes registration.
- After the verification procedure is completed successfully the acknowledgement is issued to the student.
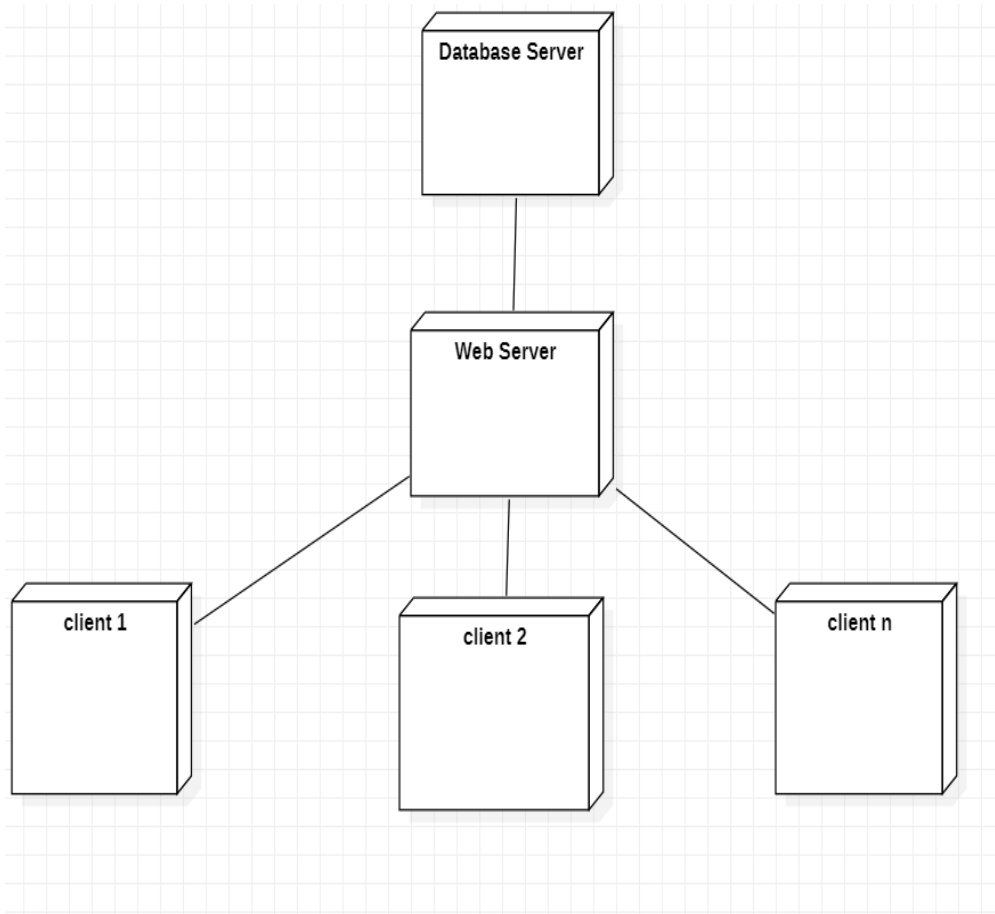
Roll No. : 18WH1A1207   Date:
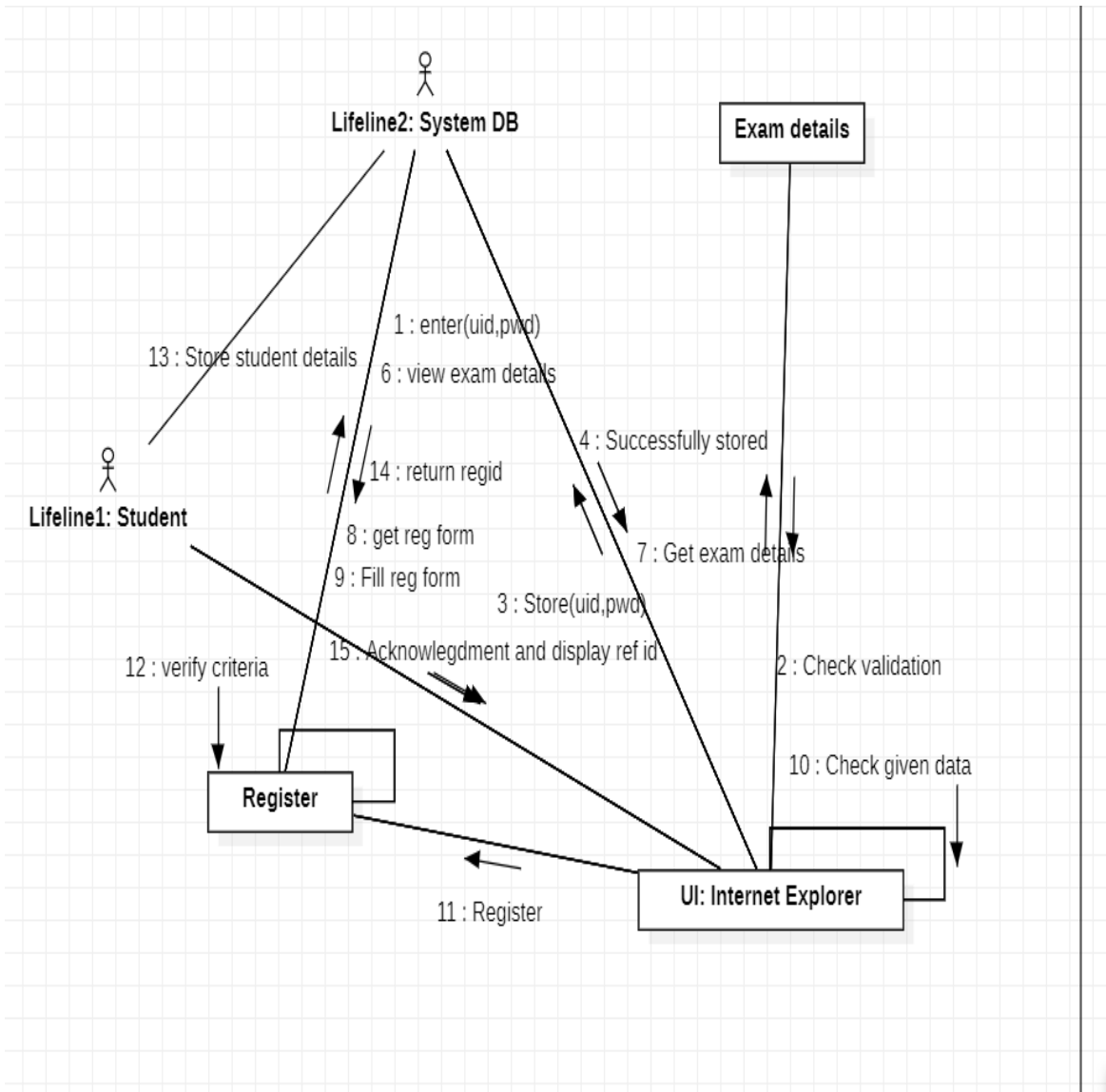
DOCUMENTATION OF COMPONENT DIAGRAM

- The components in the exam registration system are web server,client,database server.
- Web server,client,database server are dependent on the exam registration system as shown by the dotted arrow.

Roll No. : 18WH1A1207   Date:
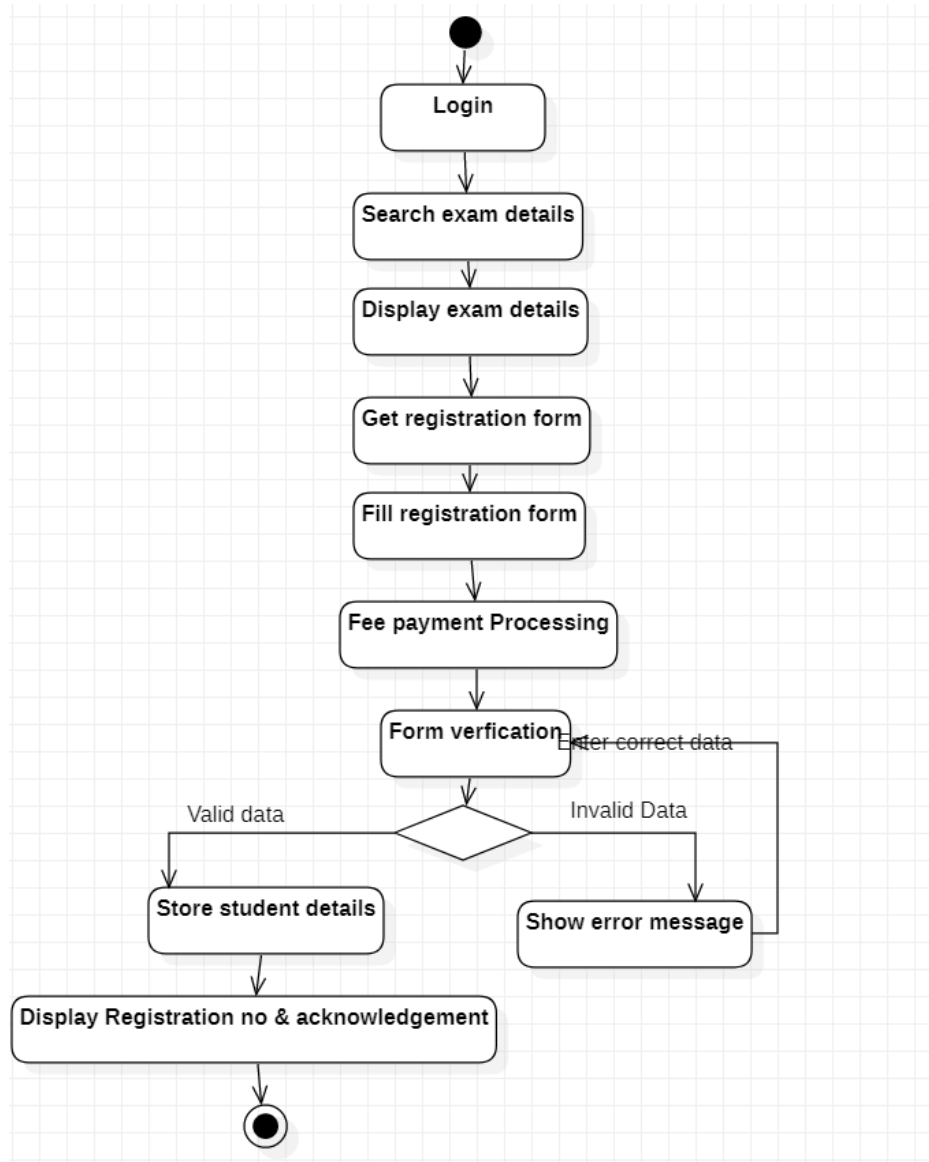
DOCUMENTATION OF DEPLOYMENT DIAGRAM

The device node is the exam registration system and execution environment node are web server,client,database server.

Roll No. : 18WH1A1207   Date:

DOCUMENTATION OF COLLABORATION DIAGRAM

The student and database functions are shown in sequence number.

- The student first login the exam registration system and submit his details to the database server and checks for exam details.
- Once validation is done he will register for his opted exam.And acknowledgement is given after fee processing.

DOCUMENTATION OF STATE CHART DIAGRAM

- The activities in the exam registration system are login,registration,exam details,fee processing and verification.
- In the login activity student give their username and password and then login into the exam registration system after then checks the exam details and completes registration.
- After the verification procedure is completed successfully the acknowledgement is issued to the student.

ExamRegistration.html

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

<head>
        <style>

                .container {
                        margin-left: 297px;
                        width: 370px;
                }

                input[type=text],
                input[type=password],
                textarea {
                        width 100%;
                        padding: 15px;
                        margin: 5px 0 22px 0;
                        display: inline-block;
                        border: none;
                        background: #f1f1f1;
                }

                input[type=text]:focus,
                input[type=password]:focus {
                        background-color: skyblue;
                        outline: none;
                }

                div {
                        padding: 10px 0;
                }

                .registerbtn {
                        padding: 16px 20px;
                        margin: 8px 0;
```

```
        border: none;
                        cursor: pointer;
                        width: 100%;
                        opacity: 0.9;
                }

                .registerbtn:hover {
                        opacity: 1;
                }

                ul {


                        list-style-type: none;
                        margin: 0;
                        padding: 0;
                }

                li {
                        display: inline;
                }


        </style>
</head>

<body style="background-color: coral;">

        <div class="bg-img">
                <form>
                        <div class="container" style="margin-left: 450px;width: 370px;">
                 <ul>
                                                <li><a href="#registration">Registration</a></li>


                                        <li><a
href="#ViewExamDetails">ViewExamDetails</a></li>
                                        <li><a href="#Login">Login</a></li>
                                        <li><a href="#Logout">Logout</a></li>
                                </ul>


                                <h1> Exam Registeration</h1>
```

```
<label>Username</label>
<input type="text" placeholder="Enter Username"
name="uname" required>
<label>Firstname</label>
<input type="text" name="firstname" placeholder="Enter
Firstname" size="15" required />
<label>Lastname:</label>
<input type="text" name="lastname" placeholder="Enter
Lastname" size="15" required />
<label for="email">
        <b>Email</b></label>
<input type="text" placeholder="Enter Email" name="email"
required>

<label for="psw">
        <b>Password</b></label>
<input type="password" placeholder="Enter Password"
name="psw" required>

<div>
        <label>
                Gender :
        </label><br>
        <input type="radio" value="Male" name="gender"
checked> Male
        <input type="radio" value="Female" name="gender">
Female
</div>
<div>
        <label for="birthday"><b>Date Of Birth:</b></label>
        <input type="date">
</div>
<label>Mobile Number :
</label>
<input type="text" name="phone" placeholder="Enter your
phone number" size="10" required>
        <label for="Course">
                <b>Course</b></label>
<input type="Course" placeholder="Course" name="Course"
required>



<button type="submit" class="registerbtn">Register</button>
```

```
                        </form>
                </div>
        </body>

</html>
OUTPUT:
```

Roll No : 18WH1A1207   Date:

Login.html

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<style>
body {font-family: Arial, Helvetica, sans-serif;}
form {border: 3px solid #f1f1f1;}

input[type=text], input[type=password] {
  width: 50%;
  padding: 12px 20px;
  margin: 8px 0;
  display: inline-block;
  border: 1px solid #ccc;
  box-sizing: border-box;
}

button {
  background-color: coral;
  color: white;
  padding: 14px 20px;
  margin: 8px 0;
  border: none;
  cursor: pointer;
  width: 50%;
}

button:hover {
  opacity: 0.8;
}

.cancelbtn {
  width: auto;
  padding: 10px 18px;
  background-color: #f44336;

}

.imgcontainer {
  text-align: center;
  margin: 24px 0 12px 0;
}
```

```
.container {
 padding: 16px;
}

span.psw {

float: right;
 padding-top: 16px;
}

/* Change styles for span and cancel button on extra small screens */
@media screen and (max-width: 300px) {
 span.psw {
   display: block;
   float: none;
 }
 .cancelbtn {
   width: 100%;
 }
}
</style>
</head>
<body>

<h2 align="center">Login Form</h2>

<form align="center"action="/action_page.php" method="post">
 <div class="container">
  <label for="uname"><b>Username</b></label></br>
  <input type="text" placeholder="Enter Username" name="uname" required>
  </br>
  <label for="psw"><b>Password</b></label></br>
  <input type="password" placeholder="Enter Password" name="psw" required>

  <button type="submit">Login</button></br>
  <label>
   <input type="checkbox" checked="checked" name="remember"> Remember me
  </label>
 </div>

 <div class="container" style="background-color:#f1f1f1">
  <button type="button" class="cancelbtn">Cancel</button>
  <span class="psw">Forgot <a href="#">password?</a></span>
 </div>
```

Roll No : 18WH1A1207   Date:

</form>

</body>
</html>

OUTPUT:

Login Form

Username

Enter Username

Password

Enter Password

Login

☑ Remember me

Cancel   Forgot password?

TESTCASES:

TEST CASE ID	TEST SCENARIO	TEST CASE	PRE-CONDITION	TEST STEPS	TEST DATA	EXPECTED RESULT	POST CONDITION	ACTUAL RESULT	STATUS (PASS/FAIL)
TC_LOGIN_001	Verify the login credentials of the registered user	Enter valid email and password	1. Need a valid account to login	1. Enter email id 2. Enter password 3. Click "Continue" button	<Valid email> <Valid password>	Successful login	Login successful	Successful login	PASS
TC_LOGIN_001	Verify the login credentials of the registered user	Enter valid email and invalid password	1. Need a valid account to login	1. Enter email id 2. Enter password 3. Click "Continue" button	<Valid email> <Invalid password>	A message "The email and password you entered does not match" is shown	Error message is displayed	A message "The email and	PASS
TC_LOGIN_001	Verify the login credentials of the registered user	Enter invalid email and valid password	1. Need a valid account to login	1. Enter email id 2. Enter password 3. Click "Continue" button	<Invalid email> <Valid password>	A message "The email and password you entered does not match" is shown	Error message is displayed	A message "The email and	PASS
TC_LOGIN_001	Verify the login credentials of the registered user	Enter invalid email and password	1. Need a valid account to login	1. Enter email id 2. Enter password 3. Click "Continue" button	<Invalid email> <Invalid password>	A message "The email and password you entered does not match" is shown	Error message is displayed	A message "The email and	PASS

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Roll No : 18WH1A1207 Date:

Aim : Development of problem statement.

PROBLEM STATEMENT:

CCTV cameras are fitted in our locality everywhere and the images captured by CCTV cameras have low resolution . It is very much important to increase the resolution of the image for better comparison and identification from our data set. Generally the image captured during the time of crime is not sufficient to get the accurate comparison with image data in our database.

Roll No : 18WH1A1207   Date:

Aim : Preparation of Software Requirement Specification Document.

INVESTIGO
SOFTWARE REQUIREMENT SPECIFICATION
INTRODUCTION

It is a tool used by investigators and police departments to identify suspects or evidence of a crime in an accurate manner.

PURPOSE

- Super-Resolution (SR) covers a set of techniques, which is used to improve the resolution of a video sequence or a single frame
- Photorealistic frontal view synthesis from a single face image has a wide range of applications in the field of face recognition for better results.The technique has been applied to a wide variety of problems ranging from blur removal by deconvolution in single images through to the creation of a single high-resolution image from multiple low-resolution images

DEFINITIONS, ACRONYMS AND THE ABBREVIATIONS

- SR - Super-Resolution
- **CCTV** - Closed-circuit television
- GAN - Generative adversarial networks
- CNN - Convolutional Neural Network
- t-SNE - t-Distributed Stochastic Neighbour Embedding

TECHNOLOGIES TO BE USED

TensorFlow
Seaborn
Pandas
Numpy
Matplotlib

TOOLS TO BE USED

- Google colab or any IDE (Integrated Development Environment)
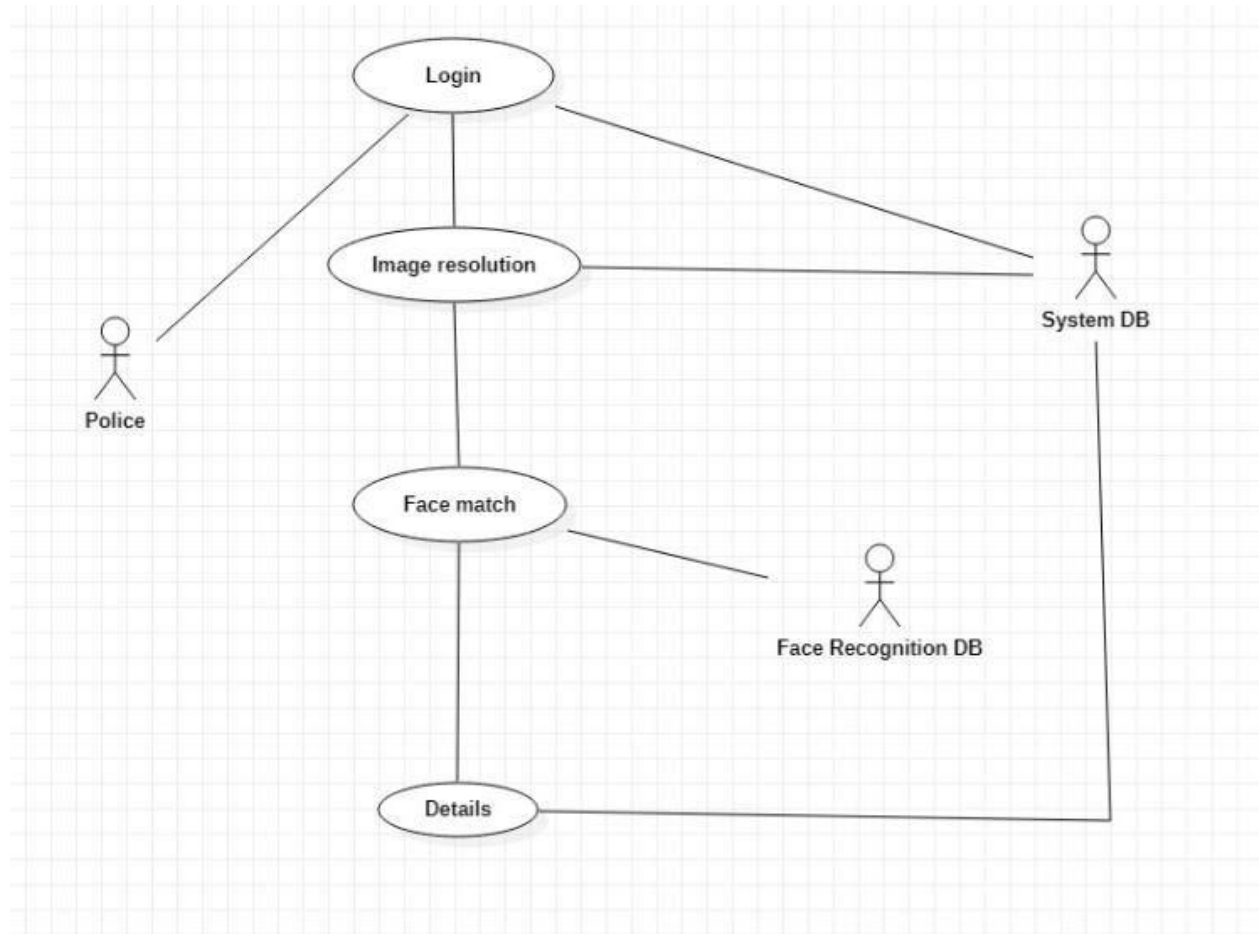- Rational Rose tool (for developing UML Patterns)

SOFTWARE INTERFACE

- Flutter

USER CHARACTERISTICS

Increase the pixel of the given image
Photorealistic frontal view synthesis for checking with the database
Face recognition

Roll No : 18WH1A1207   Date:

Aim : Design Documents and Testing Phase related documents.

INVESTIGO

DOCUMENTATION OF USE CASE DIAGRAM

- The actors in the use case diagram are Police,System Db,Face Recognition Db.
- The use cases are,Login,Image resolution,Face match,Details.
- The actors use the use case are denoted by the arrow.
- The login use case checks the police username and password.
- Image resolution use case increases the resolution and stores in System Db.
- Face match use case checks with Face Recognition Db and then details are stored in System Db

DOCUMENTATION OF CLASS DIAGRAM
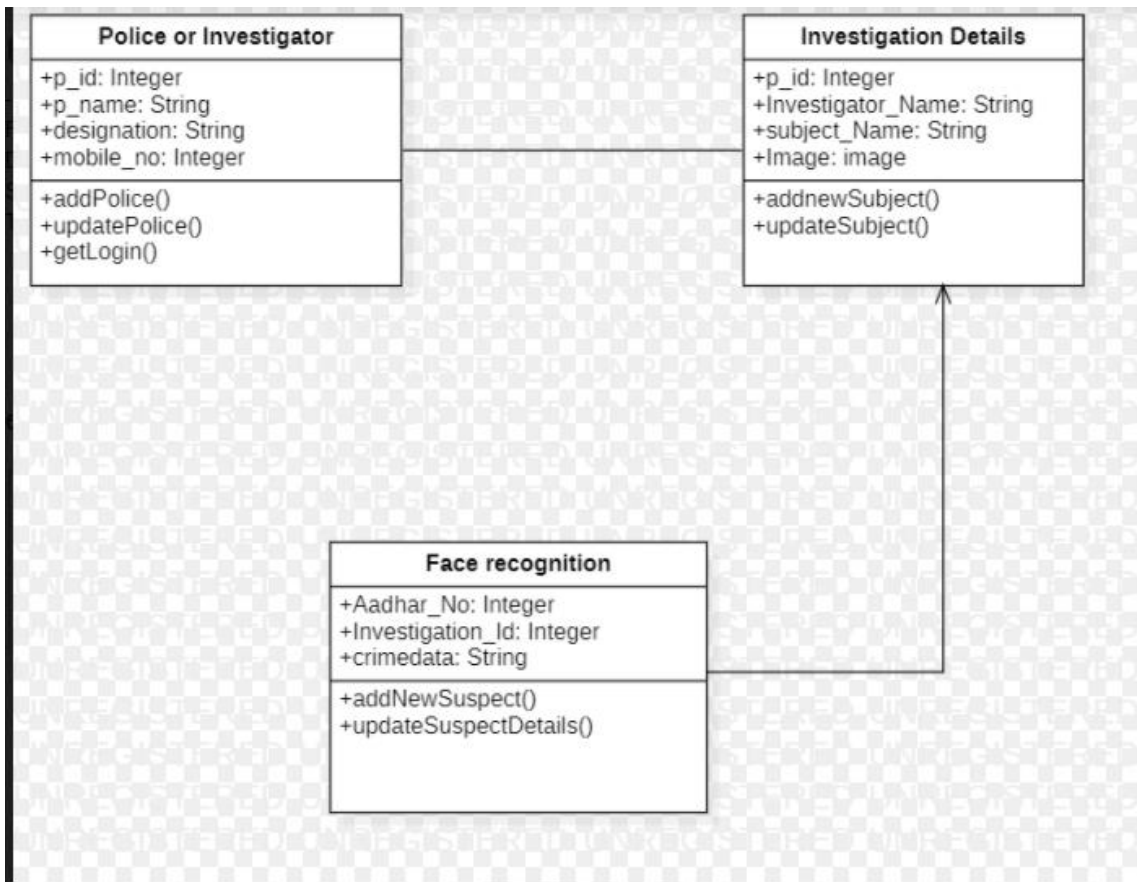
POLICE OR INVESTIGATOR

It consists of four attributes and three operations.The attributes are id, name,designation,mobile_no. The operations of this class are getlogin(),addPolice(), updatePolice().
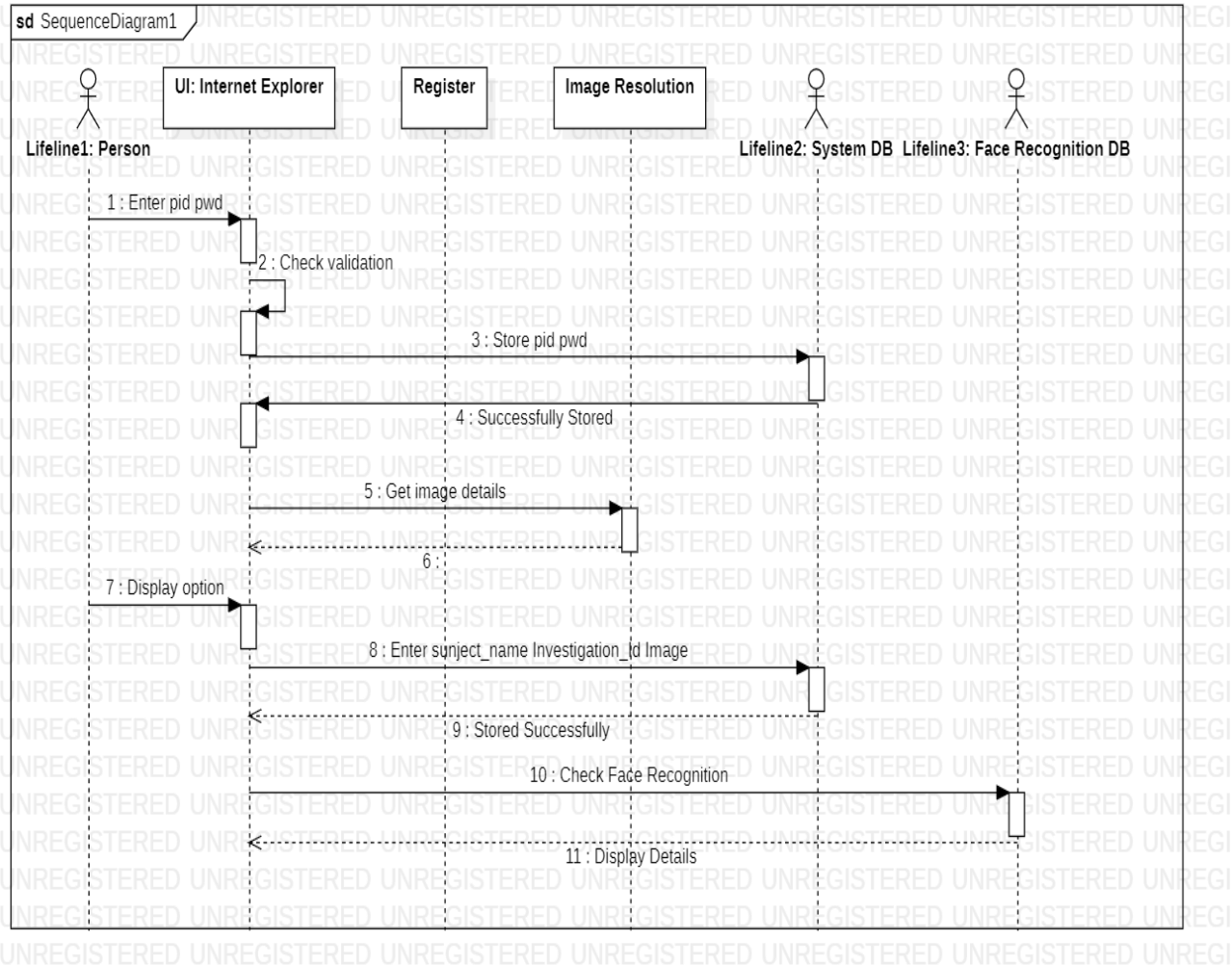
INVESTIGATION DETAILS

It consists of four attributes and two methods. The attributes are id,investigator name,subject name,image.The methods are addnewSubject(),updateSubject().

FACE RECOGNITION

It consists of three attributes and two methods. The attributes are aadhar number,investigation id,crimedata.The methods are addnewSuspect(),updateSuspect().
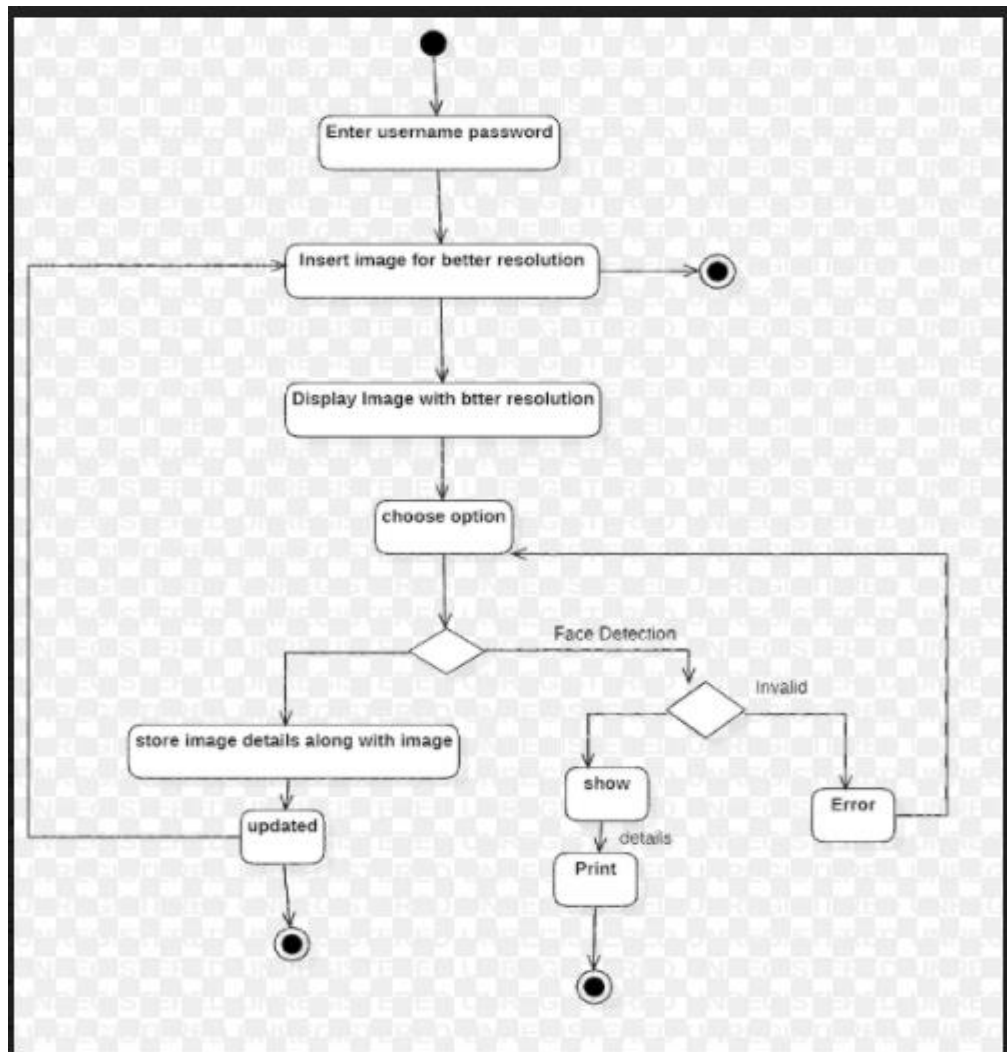
Department of Information Technology

DOCUMENTATION OF SEQUENCE DIAGRAM.

- Police login and details get stored in the database.
- Gets image details and checks with face recognition database ,if is low resolution it increases resolution and details are stored.

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DOCUMENTATION OF ACTIVITY DIAGRAM

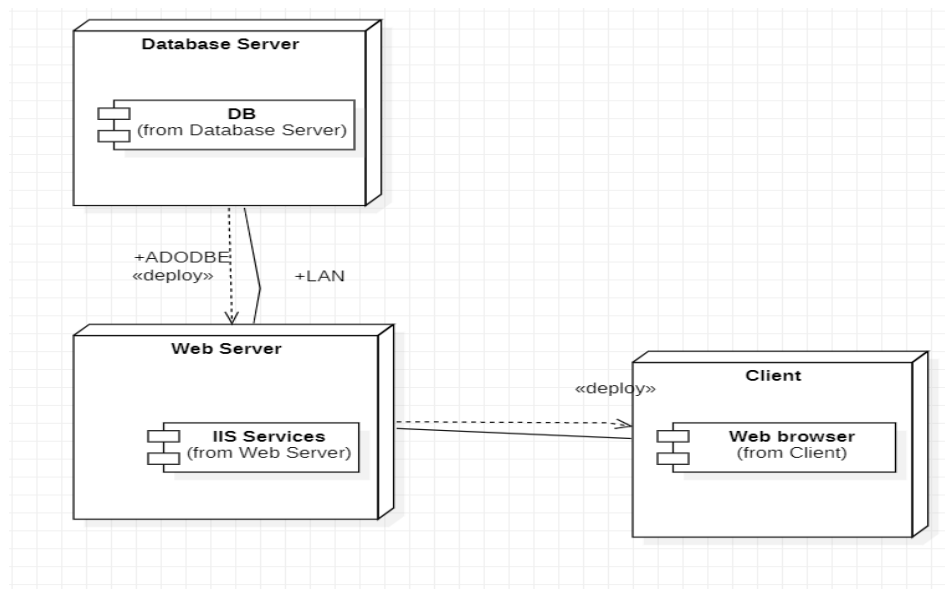- The activities in the investigo are login,image insertion,increase resolution of image,displaying image,storing image with details,printing image.
- In the login activity user gives their username and password and then login into the investigo then inserts an image with low resolution and it displays a clear image that can either be stored with details or printed according to the option chosen.

DOCUMENTATION OF COMPONENT DIAGRAM

- The components in the investigo are web server,client,database server.
- Web server,client,database server are dependent on the investigo as shown by the dotted arrow.

DOCUMENTATION OF DEPLOYMENT DIAGRAM

The device node is the investigo and execution environment node are web server,client,database server.

DOCUMENTATION OF COLLABARATION DIAGRAM

Roll No : 18WH1A1207   Date:

- The person , database and face recognition functions are shown in sequence number.
- The person first login after that details gets stored in the database.After that the data is checked in the database if the data matches it displays the details of the person .

DOCUMENTATION OF STATE CHART DIAGRAM

- The activities in the investigo are login,image insertion,increase resolution of image,displaying image,storing image with details,printing image.
- In the login activity user gives their username and password and then login into the investigo then inserts an image with low resolution and it displays a clear image that can either be stored with details or printed according to the option chosen.
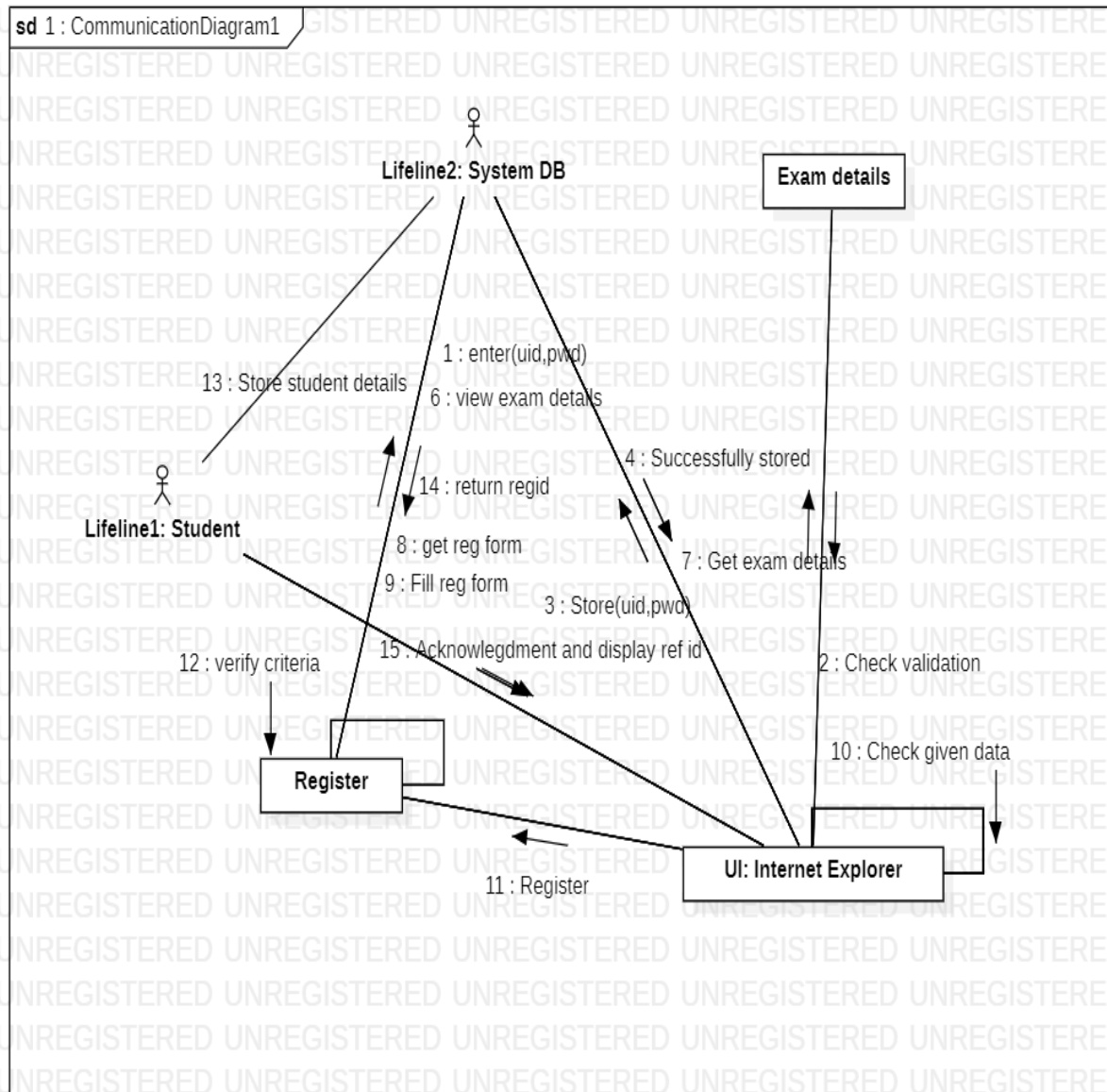
Roll No : 18WH1A1207   Date:

Register.html

```html
<!DOCTYPE html>
<html>
<head>
<title>InvestiGo</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); } </script>
<!-- Custom Theme files -->
<link href="css/style.css" rel="stylesheet" type="text/css" media="all" />
<!-- //Custom Theme files -->
<!-- web font -->
<link href="//fonts.googleapis.com/css?family=Roboto:300,300i,400,400i,700,700i" rel="stylesheet">
<!-- //web font -->
<style>
html, body, div, span, applet, object, iframe, h1, h2, h3, h4, h5, h6, p, blockquote, pre, a, abbr,
acronym, address, 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, embed, figure, figcaption, footer, header, hgroup, menu,
nav, output, ruby, section, summary, time, mark, audio, 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;
}


/*-- end reset --*/
body {
  background: #76b852;
  /* fallback for old browsers */
  background: -webkit-linear-gradient(to top, #76b852, #8DC26F);
```
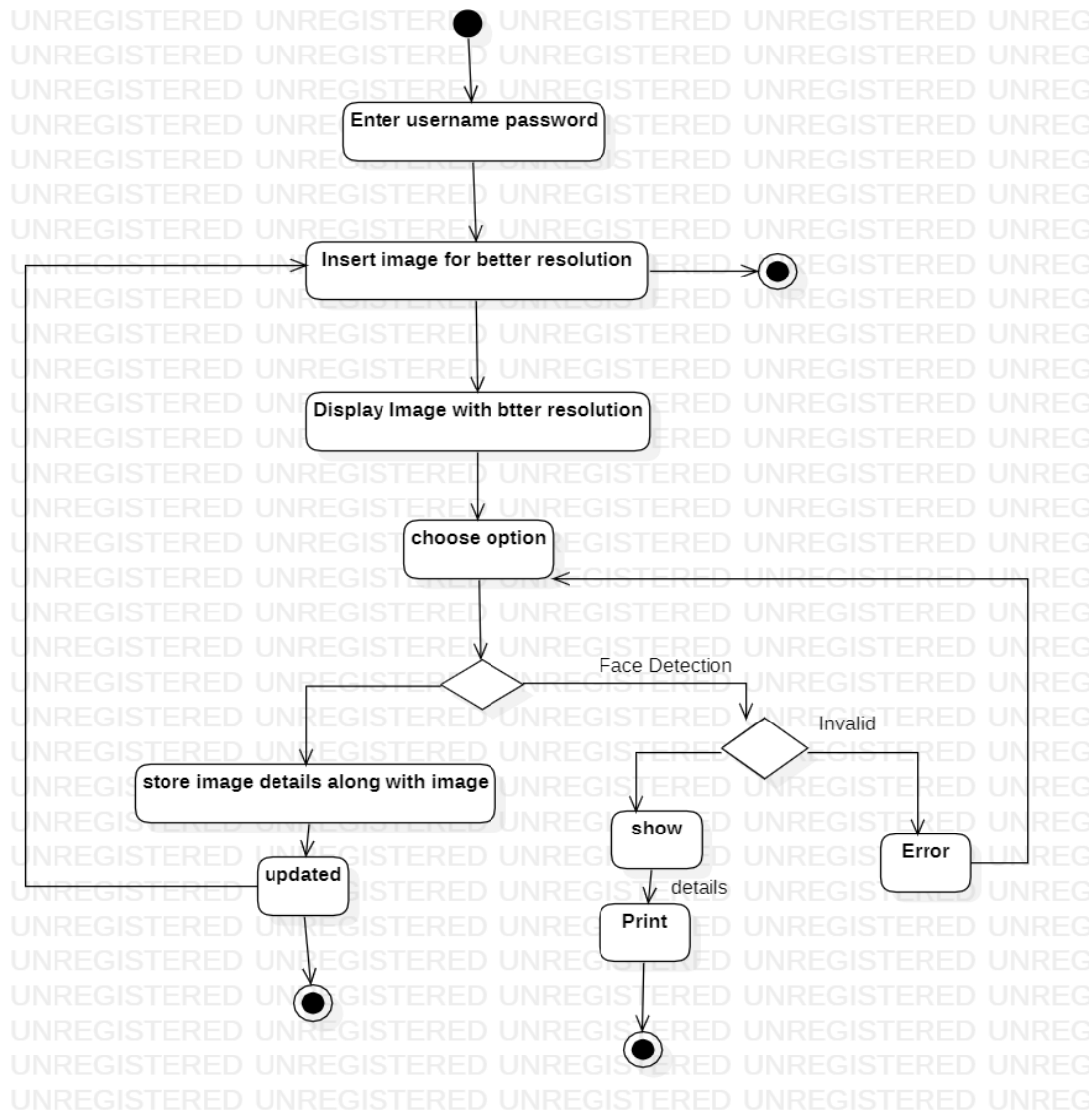
```css
 background: -moz-linear-gradient(to top, #76b852, #8DC26F);
 background: -o-linear-gradient(to top, #76b852, #8DC26F);
 background: linear-gradient(to top, #76b852, #8DC26F);
 background-size: cover;
 background-attachment: fixed;
 font-family: 'Roboto', sans-serif;
}

h1 {
 font-size: 3em;
 text-align: center;
 color: #fff;
 font-weight: 100;
 text-transform: capitalize;
 letter-spacing: 4px;
 font-family: 'Roboto', sans-serif;
}

/*-- main --*/
.main-w3layouts {
 padding: 3em 0 1em;
}

.main-agileinfo {
 width: 35%;
 margin: 3em auto;
 background: rgba(0, 0, 0, 0.18);
 background-size: cover;
}
.agileits-top {
 padding: 3em;
}


 visibility: visible !important;
}

::-webkit-input-placeholder {
 color: #fff;
 font-weight: 100;
}

:-moz-placeholder {
 /* Firefox 18- */
 color: #fff;
}
```

Roll No : 18WH1A1207   Date:

```css
::-moz-placeholder {
 /* Firefox 19+ */
 color: #fff;
}

:-ms-input-placeholder {
 color: #fff;
}

input[type="submit"] {
 font-size: .9em;
 color: #fff;
 background: #76b852;
 outline: none;
 border: 1px solid #76b852;
 cursor: pointer;
 padding: 0.9em;
 -webkit-appearance: none;
 width: 100%;
 margin: 2em 0;
 letter-spacing: 4px;
}

input[type="submit"]:hover {
 -webkit-transition: .5s all;
 -moz-transition: .5s all;
 -o-transition: .5s all;
 -ms-transition: .5s all;
 transition: .5s all;
 background: #8DC26F;
}

input.checkbox:before {
 content: "";
 position: absolute;
 width: 1.2em;
 height: 1.2em;
 background: inherit;
 cursor: pointer;
}


.anim input.checkbox:checked:after {
 -webkit-transform: rotate(-45deg);
```

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Roll No : 18WH1A1207   Date:

```
 -moz-transform: rotate(-45deg);
 -o-transform: rotate(-45deg);
 -ms-transform: rotate(-45deg);
 transform: rotate(-45deg);
 height: .5rem;
 border-color: transparent;
 border-right-color: transparent;
 animation: .4s rippling .4s ease;
 animation-fill-mode: forwards;
}

@keyframes rippling {
 50% {
   border-left-color: #fff;
 }
 100% {
   border-bottom-color: #fff;
   border-left-color: #fff;
 }
}
.colorlib-bubbles li:nth-child(2) {
 left: 20%;
 width: 80px;
 height: 80px;
 -webkit-animation-delay: 2s;
 -moz-animation-delay: 2s;
 -o-animation-delay: 2s;
 -ms-animation-delay: 2s;
 animation-delay: 2s;
 -webkit-animation-duration: 17s;
 -moz-animation-duration: 17s;
 -o-animation-duration: 17s;
 animation-duration: 17s;
}

.colorlib-bubbles li:nth-child(3) {
 left: 25%;
 -webkit-animation-delay: 4s;
 -moz-animation-delay: 4s;
 -o-animation-delay: 4s;
 -ms-animation-delay: 4s;
 animation-delay: 4s;
}

.colorlib-bubbles li:nth-child(4) {
```

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```
 left: 40%;
 width: 60px;
 height: 60px;
 -webkit-animation-duration: 22s;
 -moz-animation-duration: 22s;
 -o-animation-duration: 22s;
-ms-animation-duration: 22s;
 animation-duration: 22s;
 background-color: rgba(255, 255, 255, 0.25);
}

.colorlib-bubbles li:nth-child(5) {
 left: 70%;
}

.colorlib-bubbles li:nth-child(6) {
 left: 80%;
 width: 120px;
 height: 120px;
 -webkit-animation-delay: 3s;
 -moz-animation-delay: 3s;
 -o-animation-delay: 3s;
 -ms-animation-delay: 3s;
 animation-delay: 3s;
 background-color: rgba(255, 255, 255, 0.2);
}

.colorlib-bubbles li:nth-child(7) {
 left: 32%;
 width: 160px;
 height: 160px;
 -webkit-animation-delay: 7s;
 -moz-animation-delay: 7s;
 -o-animation-delay: 7s;
 -ms-animation-delay: 7s;
 animation-delay: 7s;
}

.colorlib-bubbles li:nth-child(8) {
 left: 55%;
 width: 20px;
 height: 20px;
 -webkit-animation-delay: 15s;
 -moz-animation-delay: 15s;
 animation-delay: 15s;
```

Roll No : 18WH1A1207   Date:

```
 -webkit-animation-duration: 40s;
 -moz-animation-duration: 40s;
 animation-duration: 40s;
}

.colorlib-bubbles li:nth-child(9) {
 left: 25%;
 width: 10px;
 height: 10px;
 -webkit-animation-delay: 2s;
 animation-delay: 2s;
 -webkit-animation-duration: 40s;
 animation-duration: 40s;
 background-color: rgba(255, 255, 255, 0.3);
}

.colorlib-bubbles li:nth-child(10) {
 left: 90%;
 width: 160px;
 height: 160px;
 -webkit-animation-delay: 11s;
 animation-delay: 11s;
}

@keyframes square {
 0% {
  -webkit-transform: translateY(0);
  -moz-transform: translateY(0);
  -o-transform: translateY(0);
  -ms-transform: translateY(0);
  transform: translateY(0);
 }

 100% {
  -webkit-transform: translateY(-700px) rotate(600deg);
  -moz-transform: translateY(-700px) rotate(600deg);
  -o-transform: translateY(-700px) rotate(600deg);
  -ms-transform: translateY(-700px) rotate(600deg);
  transform: translateY(-700px) rotate(600deg);

 }
}

/*-- responsive-design --*/
@media(max-width:1440px) {
 input[type="text"], input[type="email"], input[type="password"] {
```

```
    width: 94%;
  }
}


  input[type="text"], input[type="email"], input[type="password"] {
   width: 93%;
  }
}


  input[type="submit"] {
   margin: 1.5em 0;
   padding: 0.8em;
   font-size: .85em;
  }

  .colorlibcopy-agile p {
   font-size: .85em;
  }

  .wthree-text label {
   font-size: 0.85em;
  }

  .main-w3layouts {
   padding: 1em 0 0;
  }
}
</style>

</head>
<body>
        <!-- main -->
        <div class="main-w3layouts wrapper">
                <h1>Registration</h1>
                <div class="main-agileinfo">
                        <div class="agileits-top">
                                <form action="#" method="post">
                                        <input class="text" type="text" name="Username"
placeholder="Username" required="">
                                        <input class="text email" type="email" name="email"
placeholder="Email" required="">
                                        <input class="text" type="text" name="Designation"
placeholder="Designation" required=""><br>
```

```
                                                <input class="text" type="text" name="Mobile
Number" placeholder="Mobile Number" required=""><br>
                                                <input class="text" type="password"
name="password" placeholder="Password" required="">
                                                <input class="text w3lpass" type="password"
name="password" placeholder="Confirm Password" required="">
                                                <div class="wthree-text">
                                                        <label class="anim">
                                                                <input type="checkbox"
class="checkbox" required="">

                                                                <span>I Agree To The Terms &
Conditions</span>

                                                        </label>
                                                        <div class="clear"> </div>
                                                </div>
                                                <input type="submit" value="SIGNUP"
href="investigo.html">
                                        </form>

                        </div>
                </div>

                <ul class="colorlib-bubbles">
                        <li></li>
                        <li></li>
                        <li></li>
                        <li></li>
                        <li></li>
                        <li></li>
                        <li></li>
                        <li></li>
                        <li></li>
                        <li></li>
                </ul>
        </div>
        <!-- //main -->
</body>
</html>
```
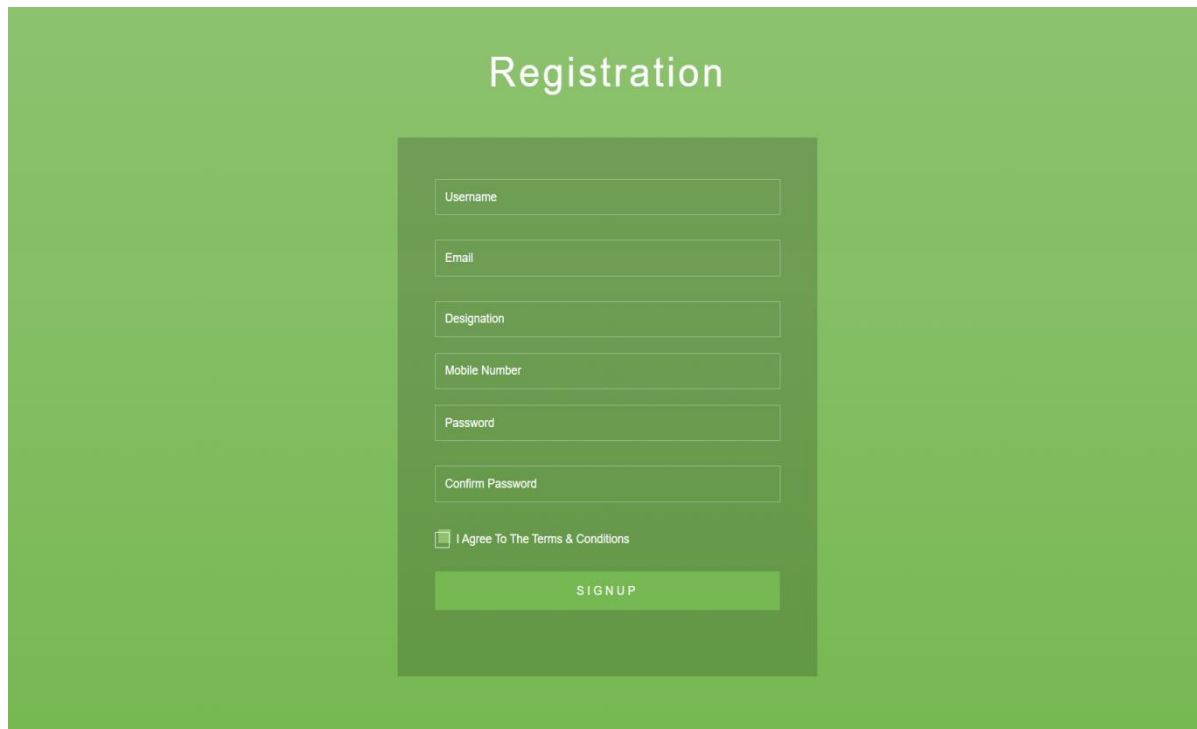
Roll No : 18WH1A1207   Date:

OUTPUT:

Login.html:

```
<!DOCTYPE html>
<html>
<head>
<title>InvestiGo</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); } </script>
<!-- Custom Theme files -->
<link href="css/style.css" rel="stylesheet" type="text/css" media="all" />
<!-- //Custom Theme files -->
<!-- web font -->
<link href="//fonts.googleapis.com/css?family=Roboto:300,300i,400,400i,700,700i" rel="stylesheet">
<!-- //web font -->
<style>
/*--
Author: Colorlib
Author URL: https://colorlib.com
License: Creative Commons Attribution 3.0 Unported
```

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License URL: http://creativecommons.org/licenses/by/3.0/
--*/
/*-- reset --*/
html, body, div, span, applet, object, iframe, h1, h2, h3, h4, h5, h6, p, blockquote, pre, a, abbr,
acronym, address, 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, embed, figure, figcaption, footer, header, hgroup, menu,
nav, output, ruby, section, summary, time, mark, audio, 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;
}

.main-agileinfo {
  width: 35%;
  margin: 3em auto;
  background: rgba(0, 0, 0, 0.18);
  background-size: cover;
}

```css
.agileits-top {
 padding: 3em;
}

-position: 0 0;
.text:focus::-webkit-input-placeholder, .text:valid::-webkit-input-placeholder {
 color: rgba(255, 255, 255, 0.7);
 font-size: .9em;
 -webkit-transform: translateY(-30px);
 -moz-transform: translateY(-30px);
 -o-transform: translateY(-30px);
 -ms-transform: translateY(-30px);
 transform: translateY(-30px);
 visibility: visible !important;
}

::-webkit-input-placeholder {
 color: #fff;
 font-weight: 100;
}

:-moz-placeholder {
 /* Firefox 18- */
 color: #fff;
}

::-moz-placeholder {
 /* Firefox 19+ */
 color: #fff;
}

:-ms-input-placeholder {
 color: #fff;
}

input[type="submit"] {
 font-size: .9em;
 color: #fff;
 background: #76b852;
 outline: none;
 border: 1px solid #76b852;
 cursor: pointer;
 padding: 0.9em;
```

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```css
 -webkit-appearance: none;
 width: 100%;
 margin: 2em 0;
 letter-spacing: 4px;
}

input[type="submit"]:hover {
 -webkit-transition: .5s all;
 -moz-transition: .5s all;
 -o-transition: .5s all;
 -ms-transition: .5s all;
 transition: .5s all;
 background: #8DC26F;
}

.agileits-top p {
 font-size: 1em;
 color: #fff;
 text-align: center;
 letter-spacing: 1px;
 font-weight: 300;
}

.agileits-top p a {
 color: #fff;
 -webkit-transition: .5s all;
 -moz-transition: .5s all;
 transition: .5s all;
 font-weight: 400;
}

.agileits-top p a:hover {
 color: #76b852;
}

/*-- //main --*/
/*-- checkbox --*/
.wthree-text label {
 font-size: 0.9em;
 color: #fff;
 font-weight: 200;
 cursor: pointer;
 position: relative;
}

input.checkbox {
```

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```css
background: #8DC26F;
 cursor: pointer;
 width: 1.2em;
 height: 1.2em;
}

width:414px) {
 h1 {
   font-size: 1.8em;
   letter-spacing: 2px;
 }

 .main-agileinfo {
   width: 85%;
   margin: 1.5em auto;
 }

 .text:focus, .text:valid {
   background-position: 0 0px;
 }

 .wthree-text ul li, .wthree-text ul li:nth-child(2) {
   display: block;
   float: none;
 }

 .wthree-text ul li:nth-child(2) {
   margin-top: 1.5em;
 }

 input[type="submit"] {
   margin: 2em 0 1.5em;
   letter-spacing: 3px;
 }

 input[type="submit"] {
   margin: 2em 0 1.5em;
 }

 .colorlibcopy-agile {
   margin: 1em 0 1em;
 }
}

 .main-w3layouts {
   padding: 1em 0 0;
```

Department of Information Technology

```
 }
}
</style>

</head>
<body>
        <!-- main -->
        <div class="main-w3layouts wrapper">
                <h1>LOGIN</h1>
                <div class="main-agileinfo">
                        <div class="agileits-top">
                                <form action="#" method="post">
                                        <input class="text" type="text" name="Username"
placeholder="Username" required=""><br>
                                        <input class="text" type="password"
name="password" placeholder="Password" required=""><br>
                                        <div class="wthree-text">
                                                <label class="anim">
                                                        <input type="checkbox"
class="checkbox" required="">

                                                        <span>I Agree To The Terms &
Conditions</span>

                                                </label>
                                                <div class="clear"> </div>
                                        </div>
                                        <input type="submit" value="LOGIN">
                                </form>
                                <p>Don't have an Account? <a href="register.html"> Register
Now!</a></p>
                        </div>
                </div>

                <ul class="colorlib-bubbles">
                        <li></li>
                        <li></li>
                        <li></li>

                        <li></li>
                </ul>
        </div>
        <!-- //main -->
</body>
</html>
```

Roll No : 18WH1A1207   Date:

OUTPUT:

TEST CASES:

TEST CASE ID	TEST SCENARIO	TEST CASE	PRE-CONDITION	TEST STEPS	TEST DATA	EXPECTED RESULT	POST CONDITION	ACTUAL RESULT	STATUS (PASS/FAIL)
TC_LOGIN_001	Verify the login credentials of the registered user	Enter valid email and password	1. Need a valid account to login	1. Enter email id 2. Enter password 3. Click "Continue" button	\<Valid email\> \<Valid password\>	Successful login	Login successful	Successful login	PASS
TC_LOGIN_001	Verify the login credentials of the registered user	Enter valid email and invalid password	1. Need a valid account to login	1. Enter email id 2. Enter password 3. Click "Continue" button	\<Valid email\> \<Invalid password\>	A message "The email and password you entered does not match" is shown	Error message is displayed	A message "The email and	PASS
TC_LOGIN_001	Verify the login credentials of the registered user	Enter invalid email and valid password	1. Need a valid account to login	1. Enter email id 2. Enter password 3. Click "Continue" button	\<Invalid email\> \<Valid password\>	A message "The email and password you entered does not match" is shown	Error message is displayed	A message "The email and	PASS
TC_LOGIN_001	Verify the login credentials of the registered user	Enter invalid email and password	1. Need a valid account to login	1. Enter email id 2. Enter password 3. Click "Continue" button	\<Invalid email\> \<Invalid password\>	A message "The email and password you entered does not match" is shown	Error message is displayed	A message "The email and	PASS

Upload.html

```
<!DOCTYPE html>
<html>
<head>
<title>InvestiGo</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); } </script>
<!-- Custom Theme files -->
<link href="css/style.css" rel="stylesheet" type="text/css" media="all" />
<!-- //Custom Theme files -->
<!-- web font -->
<link href="//fonts.googleapis.com/css?family=Roboto:300,300i,400,400i,700,700i" rel="stylesheet">
<!-- //web font -->
<style>
html, body, div, span, applet, object, iframe, h1, h2, h3, h4, h5, h6, p, blockquote, pre, a, abbr,
acronym, address, 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, embed, figure, figcaption, footer, header, hgroup, menu,
nav, output, ruby, section, summary, time, mark, audio, 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;
}

.agileits-top p {
   font-size: 0.9em;
 }
}

@media(max-width:414px) {
 h1 {
  font-size: 1.8em;
  letter-spacing: 2px;
 }
```

```
  .main-agileinfo {
   width: 92%;
   margin: 1em auto;
  }

  .text:focus, .text:valid {
   background-position: 0 0px;
  }

 </style>

</head>
<body>
        <!-- main -->
        <div class="main-w3layouts wrapper">

                <div class="main-agileinfo">
                        <div class="agileits-
top"><br><br><br><br><br><br><br><br><br><br><br><br>
                                <form action="#" method="post">
                                        <input class="text" type="text" name="Username"
placeholder="Username" required=""><br>
                                        <input class="text" type="password"
name="password" placeholder="Password" required=""><br>
                                        <div class="wthree-text">

                                                <div class="clear"> </div>
                                        </div>
                                        <input type="submit" value="LOGIN">
                                </form>

                                <div class="frame">
        <br><br><div class="center">
                <div class="title">
                        <h1>Drop Image to upload</h1>
                </div>

                <div class="dropzone">
                        <img src="http://100dayscss.com/codepen/upload.svg" class="upload-
icon" />

                        <input type="file" class="upload-input" />
                </div>

                <button type="button" class="btn" name="uploadbutton">Upload file</button>
```

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```
            </div>
      </div>
<!-- original pen: https://codepen.io/roydigerhund/pen/ZQdbeN  -->

<!-- NO JS ADDED YET -->
                              </div>
                  </div>

                  <ul class="colorlib-bubbles">

                        <li></li>
                        <li></li>
                        <li></li>
                  </ul>
      </div>
      <!-- //main -->
</body>
</html>
```
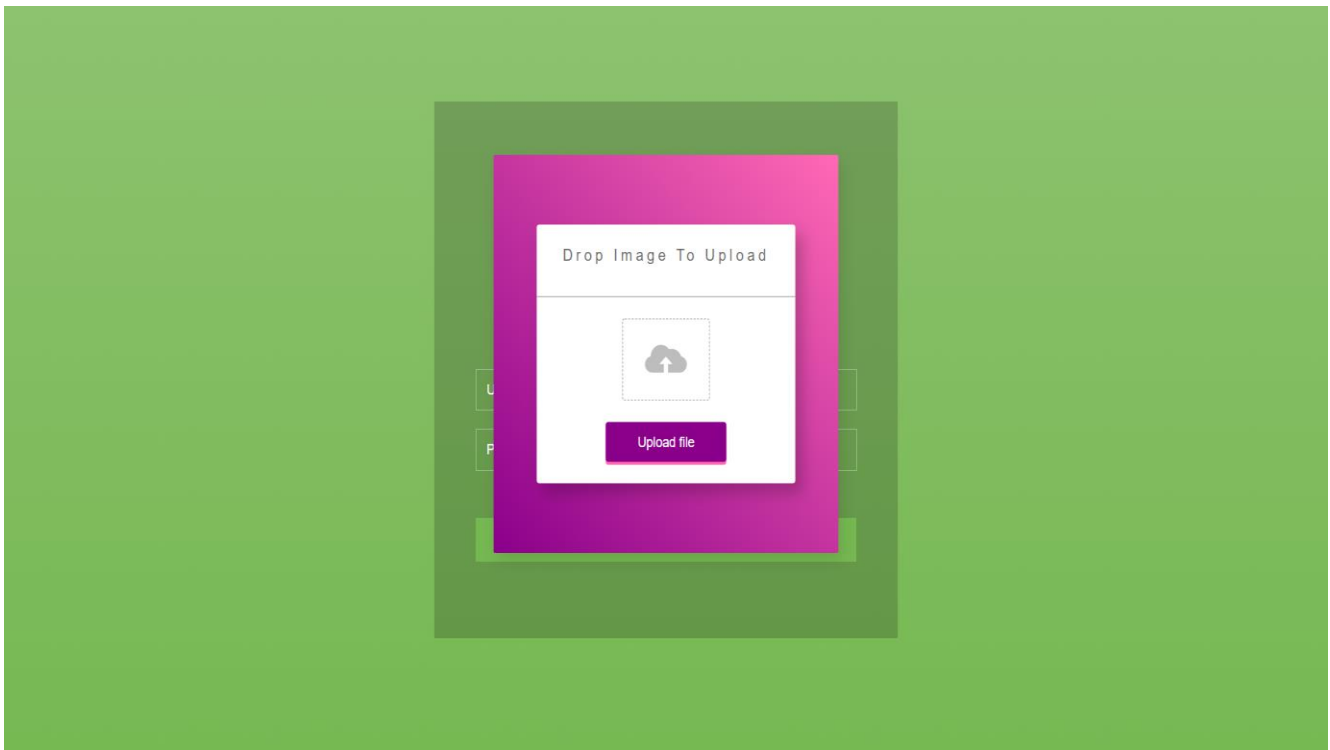
OUTPUT:

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Database.html

```html
<!DOCTYPE html>
<html>
<head>
<title>InvestiGo</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); } </script>
<!-- Custom Theme files -->
<link href="css/style.css" rel="stylesheet" type="text/css" media="all" />
<!-- //Custom Theme files -->
<!-- web font -->
<link href="//fonts.googleapis.com/css?family=Roboto:300,300i,400,400i,700,700i" rel="stylesheet">
<!-- //web font -->
<style>
/*--
Author: Colorlib
Author URL: https://colorlib.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
--*/
/*-- reset --*/
html, body, div, span, applet, object, iframe, h1, h2, h3, h4, h5, h6, p, blockquote, pre, a, abbr,
acronym, address, 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, embed, figure, figcaption, footer, header, hgroup, menu,
nav, output, ruby, section, summary, time, mark, audio, 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;
}

</style>

</head>
<body>
        <!-- main -->
        <div class="main-w3layouts wrapper"><br><br><br>
                <h1>EVIDENCE DETAILS</h1>
                <div class="main-agileinfo">
                        <div class="agileits-top">
                                <form action="#" method="post">
                                        <input class="text" type="text" name="Investigation
Id" placeholder="Investigation Id" required=""><br>
                                        <input class="text" type="text" name="Investigator"
placeholder="Investigator" required=""><br>
                                        <input class="text" type="text" name="Subject Name"
placeholder="Subject Name" required=""><br>
                                        <input type="submit" value="UPDATE"
href="investigo.html">
                                </form>

                        </div>
                </div>

                <ul class="colorlib-bubbles">
                        <li></li>
                        <li></li>
                        <li></li>
                </ul>
```
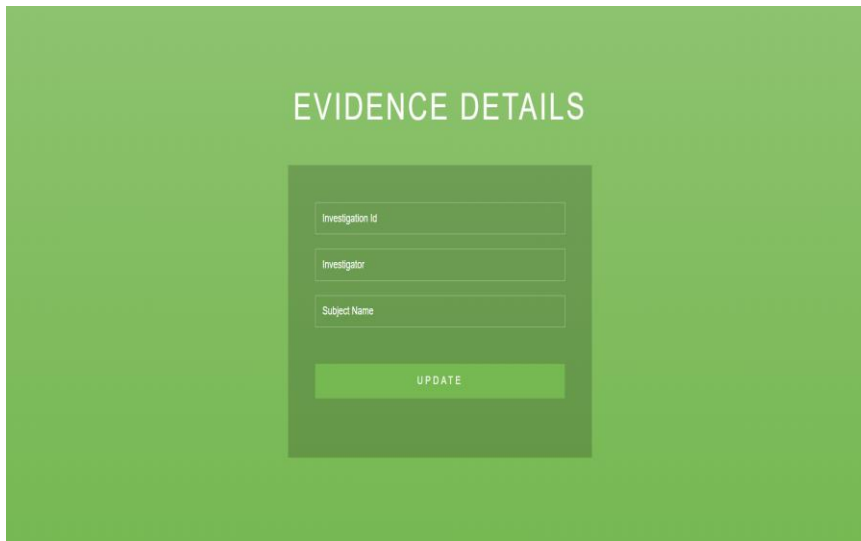
Roll No : 18WH1A1207   Date:

```
        </div>
        <!-- //main -->
</body>
</html>
```

OUTPUT:

Option.html
```
<!DOCTYPE html>
<html>
<head>
<title>InvestiGo</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); } </script>
<!-- Custom Theme files -->
<link href="css/style.css" rel="stylesheet" type="text/css" media="all" />
<!-- //Custom Theme files -->
<!-- web font -->
<link href="//fonts.googleapis.com/css?family=Roboto:300,300i,400,400i,700,700i" rel="stylesheet">
<!-- //web font -->
<style>
/*--
Author: Colorlib
Author URL: https://colorlib.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
--*/
```

```
/*-- reset --*/
html, body, div, span, applet, object, iframe, h1, h2, h3, h4, h5, h6, p, blockquote, pre, a, abbr,
acronym, address, 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, embed, figure, figcaption, footer, header, hgroup, menu,
nav, output, ruby, section, summary, time, mark, audio, 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;
}



</style>

</head>
<body>
        <!-- main -->
        <div class="main-w3layouts wrapper">

                <div class="main-agileinfo">
                <form action="#" method="post">
                                        <input class="text" type="text" name="Username"
placeholder="Username" required=""><br>
                                        <input class="text" type="password"
name="password" placeholder="Password" required=""><br>
                                        <div class="wthree-text">

                                                <div class="clear"> </div>
                                        </div>
                                        <input type="submit" value="LOGIN">
                                </form>

                                <div class="frame">
        <br><br><div class="center">
                        <div class="title">
                                <img src="2.png" alt="Italian Trulli">
                        </div>
```

```
                    <div class="dropzone">

                    </div>


        <br><br><br><br><br>
                    <button type="button" class="btn" name="uploadbutton">Upload to
Database</button><br>
        <button type="button" class="btn" name="uploadbutton">Face Search</button>
        </div>
</div>
<!-- original pen: https://codepen.io/roydigerhund/pen/ZQdbeN  -->

<!-- NO JS ADDED YET -->
                                </div>
                    </div>
                    </div>
        <!-- //main -->
</body>
</html>
```

OUTPUT: