Institute of Computer Technology
B. Tech Computer Science and Engineering

Sub: Web Application Development

Practical 12

Dev involved in web application project, and he needs to develop a web application, named "Online Net Banking" for implementing database operations using JSP Technology.

a) Customer Account Registration (register.jsp)

b) Customer Account Login Validation (index.jsp)

c) Bank Account Registration (account.jsp)

d) Customer Deposit Operation (deposite.jsp)

e) Customer Withdraw Operation (withdraw.jsp)

f) View All Customer Details with account balances in the form of table.

Code:

Index.jsp

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Customer Account Login</title>
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css">
<style>
body{
        overflow:hidden;
}

</style>
</head>
<body>
<%@page import="java.io.*" %>
<%@page import="java.sql.*" %>
<%@page import="java.util.*" %>
<%@page import="jakarta.servlet.*" %>
```

```
<%@page import="jakarta.servlet.annotation.WebServlet" %>
<%@page import="jakarta.servlet.http.HttpServlet" %>


 <img src="login.png" style="width:50%;height:30%;">
<h1 style="margin-left:750px;margin-top:-650px;"><br>  Login</h1><br>
<form method="post" style="margin-left:750px;"action="loginlogic.jsp">
 <div class="form-group col-md-8">
  <label><b>User Name</b></label>
  <input type="text" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp"
placeholder="Enter Your User Name" name="sign_in_user_name" required>
 </div>

 <div class="form-group  col-md-8">
  <label for="exampleInputPassword1"><b>Password</b></label>
  <input type="password" class="form-control" id="exampleInputPassword1" placeholder="Enter
Your Password" name="sign_in_user_password" required>
 </div>

 <br>
 <button type="submit" class="btn" style="margin-
left:80px;width:260px;background:#24a0ed;color:#fff;">Login</button><br>
    <label><br>    New Here? <a href="registration.jsp">Sign-
Up</a></label>
    <br>    <a href="admin.jsp">Administartor login</a>

</form>
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.7/dist/umd/popper.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/js/bootstrap.min.js"></script>
</body>
</html>
```

Loginlogic.jsp

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
  pageEncoding="ISO-8859-1" errorPage="error.jsp"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Customer Account Registration</title>
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css">
</head>
<body>
<%@page import="java.io.*" %>
<%@page import="java.sql.*" %>
<%@page import="java.util.*" %>
<%@page import="jakarta.servlet.*" %>
<%@page import="jakarta.servlet.annotation.WebServlet" %>
```

```
<%@page import="jakarta.servlet.http.HttpServlet" %>

<%
		Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3307/prac_12","root","root");

		String in1 = request.getParameter("sign_in_user_name");
		String in2 = request.getParameter("sign_in_user_password");
		PreparedStatement P2=con.prepareStatement("INSERT INTO login VALUES(?,?)");
		P2.setString(1,in1);
		P2.setString(2,in2);
		P2.executeUpdate();
		Statement stmt=con.createStatement(ResultSet.TYPE_SCROLL_INSENSITIVE,
ResultSet.CONCUR_UPDATABLE);
		String selectQ = "select * from `signup`";
		ResultSet rs = stmt.executeQuery(selectQ);


		Statement stmt1=con.createStatement(ResultSet.TYPE_SCROLL_INSENSITIVE,
ResultSet.CONCUR_UPDATABLE);
		String selectQ1 = "select * from `bank_account`";
		ResultSet rs1 = stmt1.executeQuery(selectQ1);


		int count=0,count1=0;

		while(rs.next()) {
			if(rs.getString("Name").equals(in1) && rs.getString("Password").equals(in2))
{
				count=1;
				break;
			}

			else if(rs.getString("Name").equals(in1)){
				count=2;
			}

		}

		while(rs1.next()) {
			if(rs1.getString("FullName").equals(in1)) {
				session.setAttribute("Username", rs1.getString("FullName"));

				count1=1;

				break;
			}



		}
```

```
                if(count==1 && count1==1) {
                        RequestDispatcher rd=request.getRequestDispatcher("dashboard.jsp");
                        rd.forward(request,response);
                }
                 if(count1!=1 && count==1){
                        RequestDispatcher rd=request.getRequestDispatcher("account.jsp");
                        rd.forward(request,response);
                }
                 if(count==2){
                        out.println("<h5 style=\"color:red;text-align:right;margin-
right:250px;margin-top:-400px;\">Incorrect Password</h5>");
                        RequestDispatcher rd=request.getRequestDispatcher("index.jsp");
                        rd.include(request,response);

                }

                if(count==0){
                        out.println("<h3 style=\"color:red;text-align:center;margin-top:-
470px\">You Don't Have Acc.</h3>");

                        RequestDispatcher rd=request.getRequestDispatcher("registration.jsp");
                        rd.include(request,response);

                }

%>
</body>
</html>
```

Registration.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1" isErrorPage="true" errorPage="error.jsp"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Customer Account Registration</title>
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css">
</head>
<body>
<%@page import="java.io.*" %>
<%@page import="java.sql.*" %>
<%@page import="java.util.*" %>
<%@page import="jakarta.servlet.*" %>
<%@page import="jakarta.servlet.annotation.WebServlet" %>
<%@page import="jakarta.servlet.http.HttpServlet" %>

<div>
```

```
<div style="background-image: linear-gradient(to right,#7EC9F5, #3957ED);"><h1 style="text-
align:center;margin-top:-10px;font-size:50px;color:#fff;">  <br>Register Your
Account</h1><br><br><br><hr style="height:1px;color:#000;background-image: linear-gradient(to
right,#7EC9F5, #3957ED);"></div><br>

<form method="post" action="regislogic.jsp" style="margin-left:400px">
 <div class="form-group col-md-7">
  <label><b>Name</b></label>
  <input type="text" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp"
placeholder="Enter Your Name" name="Name">
 </div>

  <div class="form-group  col-md-7">
  <label for="exampleInputEmail1"><b>Phone</b></label>
  <input type="text" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp"
placeholder="Enter Your Phone" name="Phone">
 </div>

 <div class="form-group  col-md-7">
  <label for="exampleInputEmail1"><b>Email</b></label>
  <input type="email" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp"
placeholder="Enter Your Email" name="Email">
 </div>

 <div class="form-group  col-md-7">
  <label for="exampleInputPassword1"><b>Password</b></label>
  <input type="password" class="form-control" id="exampleInputPassword1" placeholder="Enter
Your Password" name="Password">
 </div>
 <br>
 <button type="submit" class="btn" style="margin-left:170px;width:150px;height:40px;border-
radius:0px;background:#24a0ed;color:#fff;">Register</button><br><br>
</form></div>
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.7/dist/umd/popper.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/js/bootstrap.min.js"></script>
</body>
</html>
```

Regislogic.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1" errorPage="error.jsp"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Customer Account Registration</title>
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css">
</head>
<body>
```

```
<%@page import="java.io.*" %>
<%@page import="java.sql.*" %>
<%@page import="java.util.*" %>
<%@page import="jakarta.servlet.*" %>
<%@page import="jakarta.servlet.annotation.WebServlet" %>
<%@page import="jakarta.servlet.http.HttpServlet" %>

<%
		Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3307/prac_12","root","root");

		String in1 = request.getParameter("Name");
		String in2 = request.getParameter("Phone");
		String in3 = request.getParameter("Email");
		String in4 = request.getParameter("Password");
		PreparedStatement P2=con.prepareStatement("INSERT INTO signup
VALUES(?,?,?,?)");
		P2.setString(1,in1);
		P2.setString(2,in2);
		P2.setString(3,in3);
		P2.setString(4,in4);
		P2.executeUpdate();
		RequestDispatcher rd=request.getRequestDispatcher("index.jsp");
		rd.include(request,response);

%>

</body>
</html>
```

Account.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Customer Bank Account Registration</title>
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css">
</head>
<body>
<div>
<div style="background-image: linear-gradient(to left,#A3D8EB, #719EC2);"><h1 style="text-
align:center;margin-top:-10px;font-size:50px;color:#fff;">  <br>Register Your Bank
Account</h1><br><br><br><hr style="height:1px;color:#000;background-image: linear-gradient(to
right,#A3D8EB, #719EC2);"></div><br>
<form method="post" action="bankacclogic.jsp" style="margin-left:400px;">
 <div class="form-group col-md-7">
   <label><b>Name</b></label>
```

```
   <input type="text" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp"
placeholder="Enter Your Name" name="Name" required>
 </div>

 <div class="form-group col-md-7">
   <label for="exampleInputEmail1"><b>Email</b></label>
   <input type="email" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp"
placeholder="Enter Your Email" name="Email" required>
 </div>
    <div class="form-group col-md-7">
   <label for="exampleInputEmail1"><b>Phone</b></label>
   <input type="text" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp"
placeholder="Enter Your Phone" name="Phone" required>
 </div>
  <div class="form-group col-md-7">
   <label><b>Aadhar Card</b></label>
   <input type="text" class="form-control" placeholder="Enter Your Aadhar Number"
name="Aadhar" required>
 </div>
 <div class="form-group col-md-7">
   <label><b>Ammount</b></label>
   <input type="text" class="form-control" placeholder="Enter Your Aadhar Number"
name="Ammount" required>
 </div>
    <div class="form-group col-md-7">
   <label><b>Pan Card</b></label>
   <input type="text" class="form-control" placeholder="Enter Your PAN Number" name="Pan"
required>
 </div>
 <div class="form-group  col-md-4">
   <label for="exampleInputPassword1"><b>Gender</b></label>
<select name="gen">
   <option value="Male">Male</option>
   <option value="Female" >Female</option>
   <option value="Other" >Other</option>

 </select>

</div>
 <div class="form-group  col-md-4">
   <label for="exampleInputPassword1"><b>Account Type</b></label>
<select name="acc">
   <option value="Savings">Savings</option>
   <option value="Recurring" >Recurring</option>
 </select>

</div>
 </div>
 <br>
```

```
 <button type="submit" class="btn" style="text-align:center;margin-
left:500px;width:300px;height:40px;border-
radius:0px;background:#24a0ed;color:#fff;">Register</button><br><br></div>
 </form>
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.7/dist/umd/popper.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/js/bootstrap.min.js"></script>
</body>
</html>
```

Bankaccloginc.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Bank Account Registration</title>
</head>
<body>
<%@page import="java.io.*" %>
<%@page import="java.sql.*" %>
<%@page import="java.util.*" %>
<%@page import="jakarta.servlet.*" %>
<%@page import="jakarta.servlet.annotation.WebServlet" %>
<%@page import="jakarta.servlet.http.HttpServlet" %>
<%

                Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3307/prac_12","root","root");

                String in1 = request.getParameter("Name");
                String in2 = request.getParameter("Email");
                String in3 = request.getParameter("Phone");
                String in4 = request.getParameter("Aadhar");
                String in5 = request.getParameter("Pan");
                String in6 = request.getParameter("gen");
                String in7 = request.getParameter("acc");
                String in8 = request.getParameter("Ammount");

                PreparedStatement P2=con.prepareStatement("INSERT INTO bank_account
VALUES(?,?,?,?,?,?,?,?)");
                P2.setString(1,in1);
                P2.setString(2,in2);
                P2.setString(3,in3);
                P2.setString(4,in4);
                P2.setString(5,in5);
                P2.setString(6,in6);
                P2.setString(7,in7);
                P2.setString(8,in8);
                P2.executeUpdate();
```

```
                RequestDispatcher rd=request.getRequestDispatcher("dashboard.jsp");
                rd.include(request,response);

%>
</body>
</html>
```

Dashboard.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1" errorPage="error2.jsp"%>
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css">

<meta charset="ISO-8859-1">
<title>Dashboard</title>
<style>
.deposit:hover{
        cursor:pointer;
}

.withdraw:hover{
        cursor:pointer;
}
.b:hover{
        cursor:pointer;
}
.b{
        background:
}

.username{
font-size:20px !important;
   position: fixed;
     top: 10px;
     left: 50px;
     width: 500px;
     cursor:context-menu;
}

</style>
</head>
<body>
<%@page import="java.io.*" %>
<%@page import="java.sql.*" %>
<%@page import="java.util.*" %>
<%@page import="jakarta.servlet.*" %>
<%@page import="jakarta.servlet.annotation.WebServlet" %>
<%@page import="jakarta.servlet.http.HttpServlet" %>
```

```
<br>
<div style="background-image: linear-gradient(to right,#7EC9F5, #3957ED);height:250px;margin-
top:-30px !important;">
 <div style="text-align:right">
        <a href="logout.jsp"><button class="b" type="submit"
style="width:150px;height:50px;background:none;border:1px solid lightgray;font-size:20px;border-
radius:42px;margin-top:20px;color:#fff;margin-right:10px;">Sign Out</button></a>
</div>

<h1 style="text-align:center;color:#fff;margin-top:40px;">Dashboard</h1></div>
<div style="background:#fff !important;margin-top:-100px;">
<div style="margin-top:200px;margin-left:250px;">
        <a href="deposit.jsp"><button class="deposit" type="submit"
style="width:300px;height:150px;border:solid 1px #7EC9F5;font-
size:30px;background:#fff;color:#7EC9F5;border-radius:42px">Deposit</button></a>
</div>
<div style="margin-left:800px;margin-top:-150px">
        <a href="withdraw.jsp"><button class="withdraw" type="submit"
style="width:300px;height:150px;border:solid 1px tomato;font-
size:30px;background:#fff;color:tomato;border-radius:42px;">Withdraw</button></a>
</div></div>
  <%String username=(String)session.getAttribute("Username");%>
                <div class="username">
                        <i style="font-weight:700;">
                                Welcome
                        </i>
                        <%=username%>
                </div>
                        <%
                                Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3307/prac_12","root","root");
                                Statement
stmt=con.createStatement(ResultSet.TYPE_SCROLL_INSENSITIVE, ResultSet.CONCUR_UPDATABLE);
                                String selectQ = "select * from `bank_account`";
                                ResultSet rs = stmt.executeQuery(selectQ);

                %>


</body>
</html>
```

Deposit.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Deposit</title>
```

```
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css">
<style>
body{
}

</style>
</head>
<body>
<%@page import="java.io.*" %>
<%@page import="java.sql.*" %>
<%@page import="java.util.*" %>
<%@page import="jakarta.servlet.*" %>
<%@page import="jakarta.servlet.annotation.WebServlet" %>
<%@page import="jakarta.servlet.http.HttpServlet" %>

<div style="background-image: linear-gradient(to right,#7EC9F5, #3957ED);height:250px;margin-
top:0px !important;">
<br><br><br>
<h1 style="text-align:center;color:#fff;">Deposit</h1></div><br>
<form method="post" action="depositlogic.jsp" style="margin-left:500px;">
 <div class="form-group col-md-5" >
   <label><b>Receiver Name</b></label>
   <input type="text" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp"
name="receiver_name" required>
 </div>

 <div class="form-group  col-md-5">
   <label for="exampleInputPassword1"><b>Ammount</b></label>
   <input type="number" class="form-control" name="ammount_receive" required>
 </div>

 <br>
 <button type="submit" class="btn" style="margin-
left:110px;width:160px;background:#24a0ed;color:#fff;">Transfer</button><br>


</form>
    <a href="dashboard.jsp"><button type="submit" style="margin-left:10px
!important;width:160px;background:#24a0ed;color:#fff;border:none;">Go Back To
Dashboard</button></a>
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.7/dist/umd/popper.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/js/bootstrap.min.js"></script>
</body>
</html>
```

Depositlogic.jsp:

```
<%@page import="java.sql.ResultSet"%>
<%@page import="java.sql.Statement"%>
<%@page import="java.sql.DriverManager"%>
<%@page import="java.sql.Connection"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Deposit Validation</title>
</head>
<body>
<%
	String reciever,sender;
	int amount,count=0,inr=0;
	reciever=request.getParameter("receiver_name");
	amount=Integer.parseInt(request.getParameter("ammount_receive"));
	sender=(String)session.getAttribute("Username");
	Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3307/prac_12","root","root");
	Statement
stmt=con.createStatement(ResultSet.TYPE_SCROLL_INSENSITIVE,ResultSet.CONCUR_UPDATABLE);
	Statement
stmt1=con.createStatement(ResultSet.TYPE_SCROLL_INSENSITIVE,ResultSet.CONCUR_UPDATABLE);
	ResultSet rs=stmt.executeQuery("select * from bank_account");
	ResultSet rs1=stmt1.executeQuery("select * from bank_account");
	while(rs.next())
	{
		if(reciever.equals(rs.getString("FullName")))
		{
			while(rs1.next())
			{
				if(sender.equals(rs1.getString("FullName")))
				{
					count+=1;
					if(amount <= rs1.getInt("Amount"))
					{
						rs1.updateInt("Amount", (rs1.getInt("Amount"))-
amount);
						rs1.updateRow();
						RequestDispatcher
rd=request.getRequestDispatcher("deposit.jsp");
						out.println("<h3 style=\"color:green;text-
align:center;margin-top:-340px\">Successful Transaction</h3>");
						rd.include(request,response);
						inr+=1;
					}
					else
					{
```

```
                                                RequestDispatcher
rd=request.getRequestDispatcher("deposit.jsp");
                                                out.println("<h3 style=\"color:red;text-
align:center;margin-top:-340px\">Insufficient Balance</h3>");
                                                rd.include(request, response);
                                            }
                                    }
                                    if(inr==1){
                                    rs.updateInt("Amount", (rs.getInt("Amount")+amount));
                                    rs.updateRow();
                                    }
                            }




                    }
            }
            if(count==0)
            {
                    RequestDispatcher rd=request.getRequestDispatcher("deposit.jsp");
                    out.println("<h3 style=\"color:red;text-align:center;margin-top:-340px\">Wrong
Username</h3>");
                    rd.include(request, response);
            }
%>
</body>
</html>
```

Withdraw.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Withdraw</title>
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css">
<style>
body{
}

</style>
</head>
<body>
<%@page import="java.io.*" %>
<%@page import="java.sql.*" %>
<%@page import="java.util.*" %>
<%@page import="jakarta.servlet.*" %>
<%@page import="jakarta.servlet.annotation.WebServlet" %>
```

```
<%@page import="jakarta.servlet.http.HttpServlet" %>

<div style="background-image: linear-gradient(to right,#7EC9F5, #3957ED);height:250px;margin-
top:0px !important;">
<br><br><br>
<h1 style="text-align:center;color:#fff;">Withdraw</h1></div><br>
<form method="post" action="withdrawlogic.jsp" style="margin-left:500px;">
 <div class="form-group col-md-5" >
  <label><b>Sender Name</b></label>
  <input type="text" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp"
name="sender_name" required>
 </div>

 <div class="form-group  col-md-5">
  <label for="exampleInputPassword1"><b>Ammount</b></label>
  <input type="number" class="form-control" name="ammount_send" required>
 </div>

 <br>
 <button type="submit" class="btn" style="margin-
left:110px;width:160px;background:#24a0ed;color:#fff;">Transfer</button><br><br>

</form>
    <a href="dashboard.jsp"><button type="submit" style="margin-left:10px
!important;width:160px;background:#24a0ed;color:#fff;border:none;">Go Back To
Dashboard</button></a>

<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.7/dist/umd/popper.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/js/bootstrap.min.js"></script>
</body>
</html>
```

Withdrawlogic.jsp:

```
<%@page import="java.sql.ResultSet"%>
<%@page import="java.sql.Statement"%>
<%@page import="java.sql.DriverManager"%>
<%@page import="java.sql.Connection"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Withdraw Validation</title>
</head>
<body>
<%
        String reciever,sender;
        int amount,count=0,inc=0;
        sender=request.getParameter("sender_name");
```

```
		amount=Integer.parseInt(request.getParameter("ammount_send"));
		reciever=(String)session.getAttribute("Username");
		Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3307/prac_12","root","root");
		Statement
stmt=con.createStatement(ResultSet.TYPE_SCROLL_INSENSITIVE,ResultSet.CONCUR_UPDATABLE);
		Statement
stmt1=con.createStatement(ResultSet.TYPE_SCROLL_INSENSITIVE,ResultSet.CONCUR_UPDATABLE);
		ResultSet rs=stmt.executeQuery("select * from bank_account");
		ResultSet rs1=stmt1.executeQuery("select * from bank_account");
		while(rs.next())
		{
			if(sender.equals(rs.getString("FullName")))
			{
				if(amount<=rs.getInt("Amount"))
				{
					rs.updateInt("Amount", (rs.getInt("Amount")-amount));
					rs.updateRow();
					inc+=1;
				}
				else
				{
					RequestDispatcher
rd=request.getRequestDispatcher("withdraw.jsp");
					out.println("<h3 style=\"color:red;text-align:center;margin-top:-
340px\">Insufficient Balance</h3>");
					rd.include(request, response);
				}
				count+=1;
				break;
			}
		}
		while(rs1.next())
		{
			if(reciever.equals(rs1.getString("FullName")) && inc==1)
			{
				rs1.updateInt("Amount", (rs1.getInt("Amount")+amount));
				rs1.updateRow();
				RequestDispatcher rd=request.getRequestDispatcher("withdraw.jsp");
				out.println("<h3 style=\"color:green;text-align:center;margin-top:-
340px\">Successful Transaction</h3>");
				rd.include(request,response);
				break;
			}
		}
		if(count==0)
		{
			RequestDispatcher rd=request.getRequestDispatcher("withdraw.jsp");
			out.println("<h3 style=\"color:red;text-align:center;margin-top:-240px\">Wrong
Username</h3>");
			rd.include(request, response);
```

```
		}
%>
</body>
</html>
```

Logout.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Sign Out</title>
</head>
<body>
<%
		session.invalidate();
		RequestDispatcher rd1=request.getRequestDispatcher("index.jsp");
		rd1.include(request,response);
%>
</body>
</html>
```

Error.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1" errorPage="error.html"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Customer Account Registration</title>
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css">
</head>
<body>
<%@page import="java.io.*" %>
<%@page import="java.sql.*" %>
<%@page import="java.util.*" %>
<%@page import="jakarta.servlet.*" %>
<%@page import="jakarta.servlet.annotation.WebServlet" %>
<%@page import="jakarta.servlet.http.HttpServlet" %>

<%
				out.println("<h4 style=\"color:red;text-align:center;margin-top:-
470px\">Username Already Exist!!!</h4>");
				RequestDispatcher rd=request.getRequestDispatcher("registration.jsp");
				rd.include(request,response);
%>

</body>
</html>
```

Error2.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Customer Bank Account Registration</title>
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css">
</head>
<body>
<%@page import="java.io.*" %>
<%@page import="java.sql.*" %>
<%@page import="java.util.*" %>
<%@page import="jakarta.servlet.*" %>
<%@page import="jakarta.servlet.annotation.WebServlet" %>
<%@page import="jakarta.servlet.http.HttpServlet" %>

<%
                        out.println("<h4 style=\"color:red;text-align:center;margin-top:-
800px\">Data Already Exist!!!</h4>");
                        RequestDispatcher rd=request.getRequestDispatcher("account.jsp");
                        rd.include(request,response);
%>

</body>
</html>
```

Admin.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Customer Account Login</title>
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css">
<style>
body{
        overflow:hidden;
}

</style>
</head>
<body>
<%@page import="java.io.*" %>
<%@page import="java.sql.*" %>
<%@page import="java.util.*" %>
<%@page import="jakarta.servlet.*" %>
```

```
<%@page import="jakarta.servlet.annotation.WebServlet" %>
<%@page import="jakarta.servlet.http.HttpServlet" %>


 <img src="login.png" style="width:50%;height:30%;">
<h1 style="margin-left:750px;margin-top:-650px;"><br>  Admin Login</h1><br>
<form method="post" style="margin-left:750px;"action="adminlogic.jsp">
 <div class="form-group col-md-8">
  <label><b>User Name</b></label>
  <input type="text" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp"
placeholder="Enter Your User Name" name="name" required>
 </div>

 <div class="form-group  col-md-8">
  <label for="exampleInputPassword1"><b>Password</b></label>
  <input type="password" class="form-control" id="exampleInputPassword1" placeholder="Enter
Your Password" name="password" required>
 </div>

 <br>
 <button type="submit" class="btn" style="margin-
left:80px;width:260px;background:#24a0ed;color:#fff;">Login</button><br>

</form>
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.7/dist/umd/popper.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/js/bootstrap.min.js"></script>
</body>
</html>
```

Adminlogic.jsp:

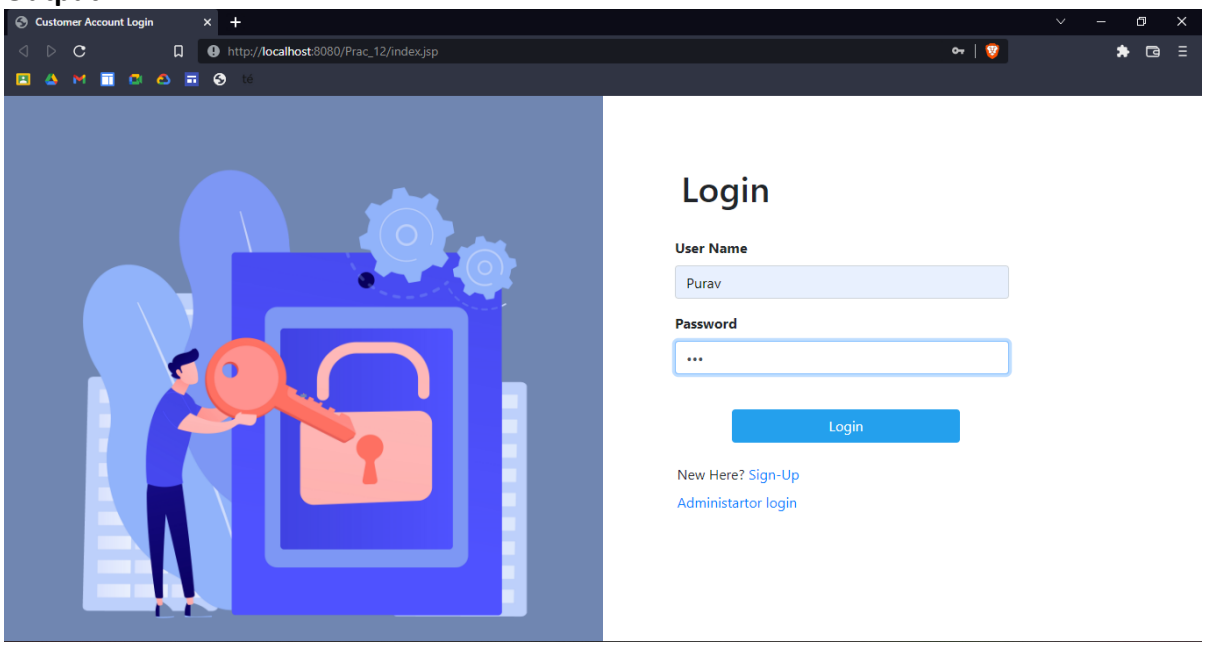
```
<%@page import="java.sql.ResultSet"%>
<%@page import="java.sql.Statement"%>
<%@page import="java.sql.DriverManager"%>
<%@page import="java.sql.Connection"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<style>
.b{
        cursor:pointer !important;

}
</style>
<meta charset="ISO-8859-1">
<title>View Table</title>
</head>
<body>
 <div style="text-align:right">
```

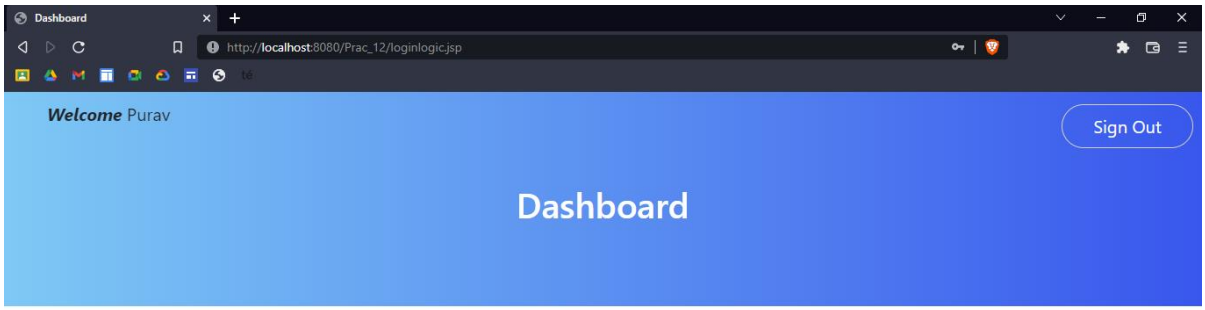
```
	<a href="logout.jsp"><button class="b" type="submit"
style="width:150px;height:50px;background:none;border:1px solid lightgray;font-size:20px;border-
radius:42px;margin-top:20px;color:#000;margin-right:10px;">Sign Out</button></a>
</div>
<%
String u="admin",p="123",u1,p1;
u1=request.getParameter("name");
p1=request.getParameter("password");
Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3307/prac_12", "root",
"root");
Statement stmt = con.createStatement(ResultSet.TYPE_SCROLL_INSENSITIVE,
ResultSet.CONCUR_UPDATABLE);
ResultSet rs1 = stmt.executeQuery("select * from bank_account");
Statement stmt1 = con.createStatement(ResultSet.TYPE_SCROLL_INSENSITIVE,
ResultSet.CONCUR_UPDATABLE);
ResultSet rs = stmt1.executeQuery("select * from signup");
if(u.equals(u1) && p.equals(p1))
{
	out.print("<h2>Customer Registration Details</h2>");
	out.println("<html><head><link rel=\"stylesheet\" type=\"text/css\" href=\"Style.css\"
/></head><body>");
	out.print("<table border=1");
	out.print("<tr>");
	out.print("<th>");
	out.print("Name");
	out.print("</th>");
	out.print("<th>");
	out.print("Phone");
	out.print("</th>");
	out.print("<th>");
	out.print("Email");
	out.print("</th>");
	out.print("<th>");
	out.print("Password");
	out.print("</th>");
	out.print("</tr>");

	while (rs.next())
	{
		out.print("<tr>");
		out.print("<td>" + rs.getString(1));
		out.print("</td>");
		out.print("<td>" + rs.getString(2));
		out.print("</td>");
		out.print("<td>" + rs.getString(3));
		out.print("</td>");
		out.print("<td>" + rs.getString(4));
		out.print("</td>");

		out.print("</tr>");
	}
```

```
		out.print("</table>");
		out.print("</body>");
		out.print("</html>");

		out.print("<h2>Bank Registration Details</h2>");
		out.println("<html><head><link rel=\"stylesheet\" type=\"text/css\" href=\"Style.css\"
/></head><body>");
		out.print("<table border=1");
		out.print("<tr>");
		out.print("<th>");
		out.print("Name");
		out.print("</th>");
		out.print("<th>");
		out.print("Email");
		out.print("</th>");
		out.print("<th>");
		out.print("Phone");
		out.print("</th>");
		out.print("<th>");
		out.print("Aadhar");
		out.print("</th>");
		out.print("<th>");
		out.print("Pan");
		out.print("</th>");
		out.print("<th>");
		out.print("Gender");
		out.print("</th>");
		out.print("<th>");
		out.print("Account Type");
		out.print("</th>");
		out.print("<th>");
		out.print("Ammount");
		out.print("</th>");
		out.print("</tr>");
		while (rs1.next())
		{
			out.print("<tr>");
			out.print("<td>" + rs1.getString(1));
			out.print("</td>");
			out.print("<td>" + rs1.getString(2));
			out.print("</td>");
			out.print("<td>" + rs1.getString(3));
			out.print("</td>");
			out.print("<td>" + rs1.getString(4));
			out.print("</td>");
			out.print("<td>" + rs1.getString(5));
			out.print("</td>");
			out.print("<td>" + rs1.getString(6));
			out.print("</td>");
			out.print("<td>" + rs1.getString(7));
			out.print("</td>");
```

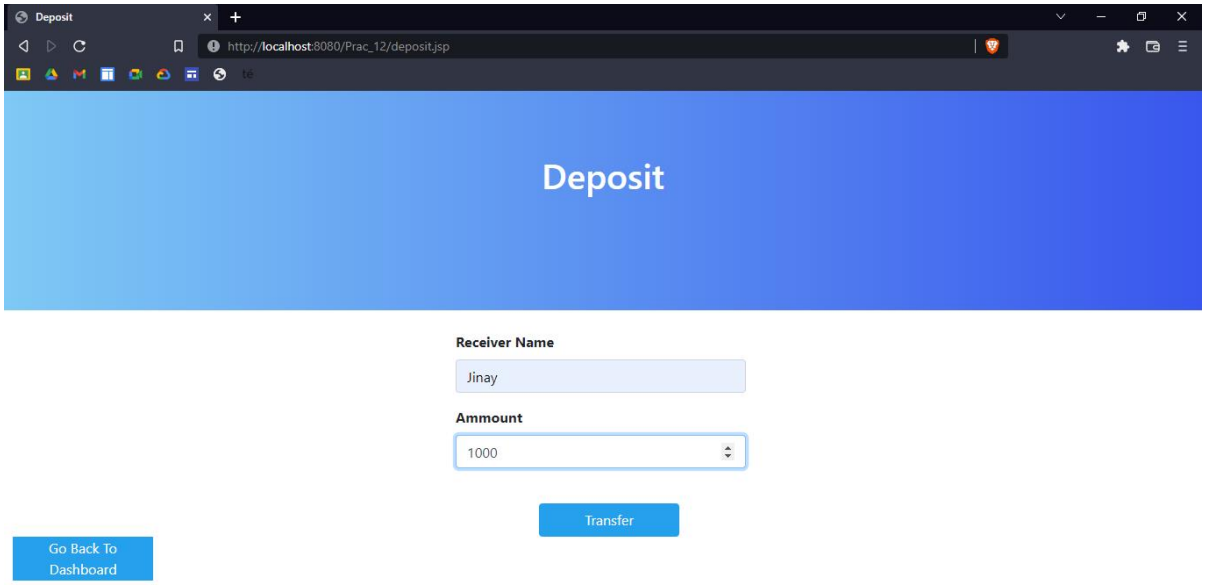
```
                    out.print("<td>" + rs1.getInt(8));
                    out.print("</td>");
                    out.print("</tr>");
            }
            out.print("</table>");
            out.print("</body>");
            out.print("</html>");
}
else
{
            RequestDispatcher rd=request.getRequestDispatcher("admin.jsp");
            out.println("<h3 style=\"color:red;text-align:center;margin-top:-250px\">Wrong
Credentials</h3>");
            rd.include(request, response);
}

%>
</body>
</html>
```

Output:

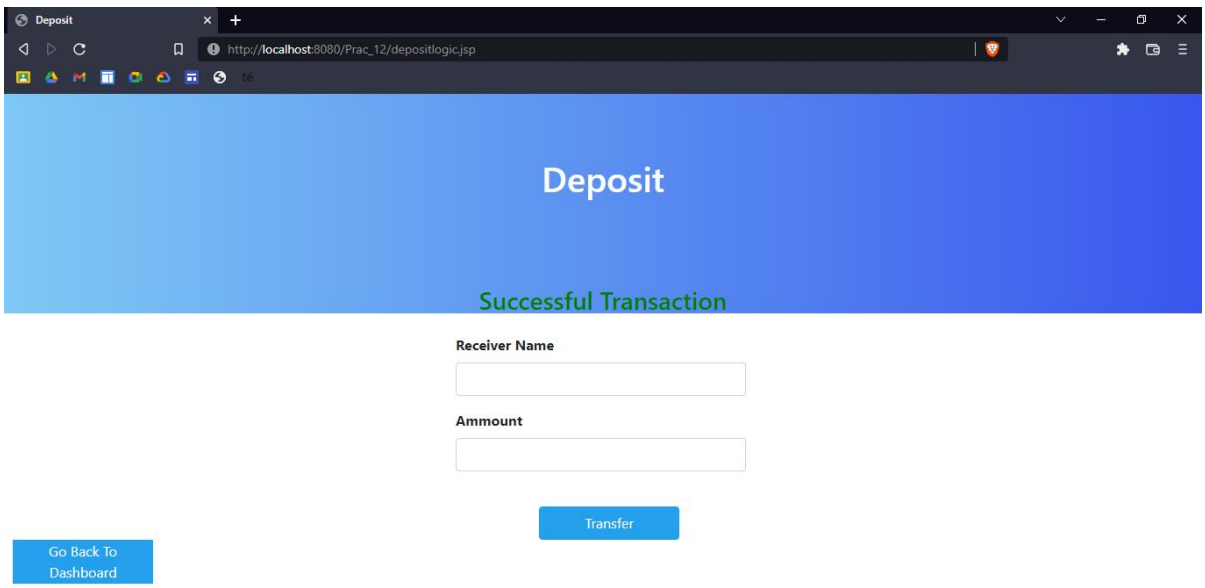

Customer Account Login
http://localhost:8080/Prac_12/index.jsp
Login
User Name
Purav
Password
Login
New Here? Sign-Up
Administartor login


Dashboard
http://localhost:8080/Prac_12/loginlogic.jsp
Welcome Purav
Sign Out
Dashboard

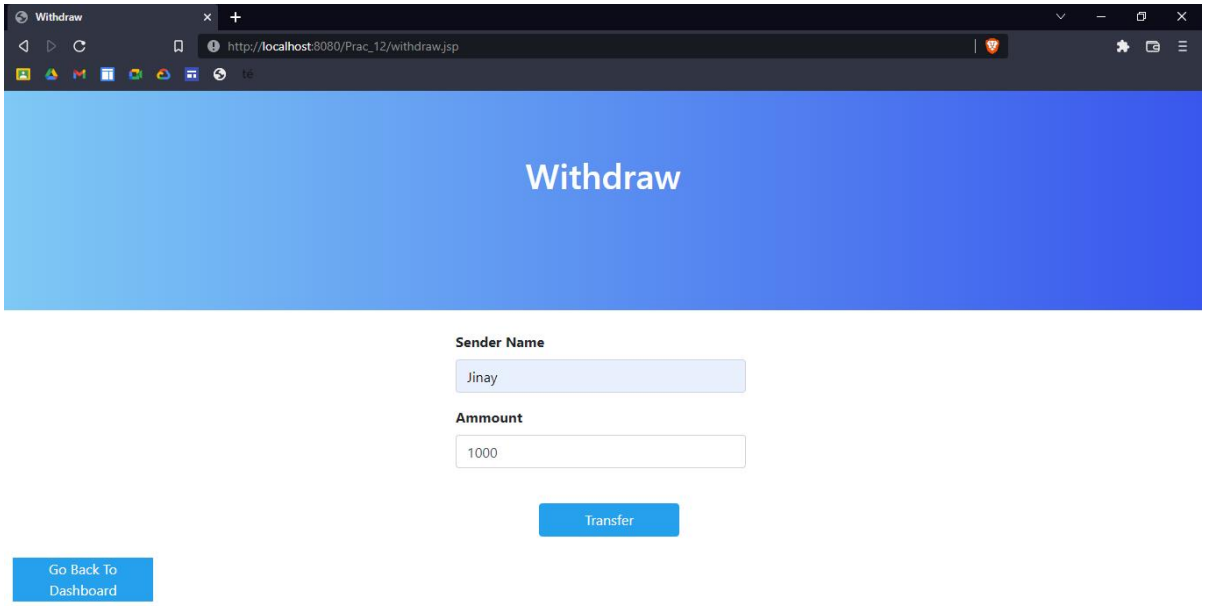
Deposit
Withdraw



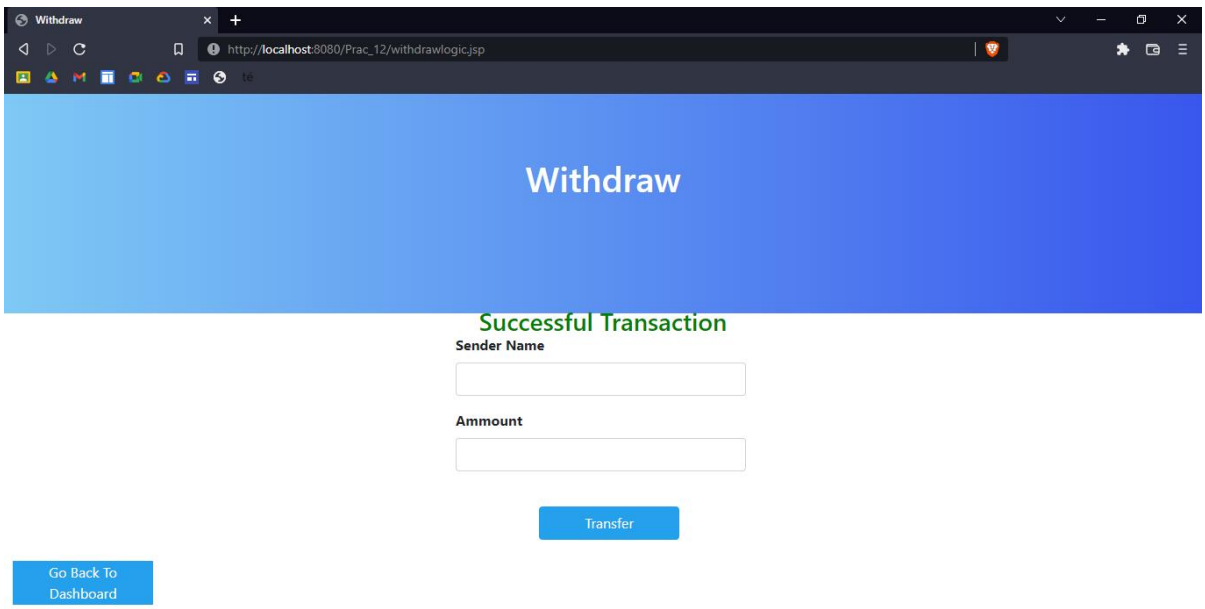
	FullName	Email	Phone	Aadhar	Pan	Gender	Account	Amount
▶	Jinay	b@gmail.com	+911234567890	1234	90909	Male	Savings	30000
	Purav	a@gmail.com	+916353829148	0909090	89908	Male	Savings	20000



	FullName	Email	Phone	Aadhar	Pan	Gender	Account	Amount
▶	Jinay	b@gmail.com	+911234567890	1234	90909	Male	Savings	31000
	Purav	a@gmail.com	+916353829148	0909090	89908	Male	Savings	19000

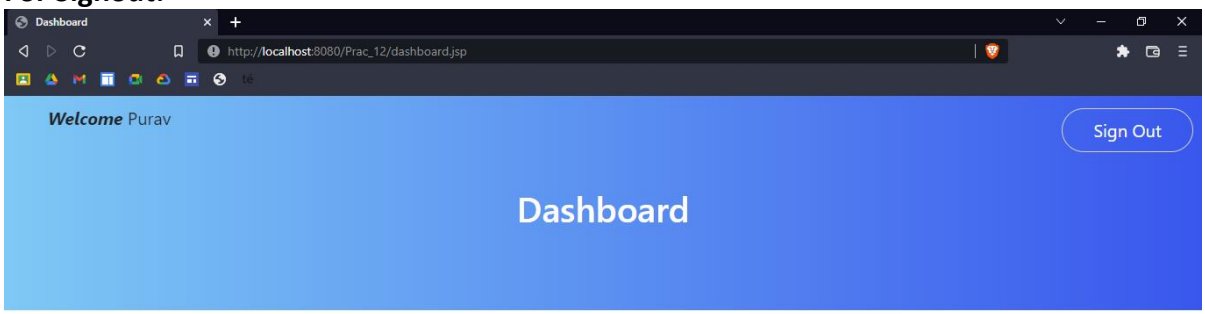


	FullName	Email	Phone	Aadhar	Pan	Gender	Account	Amount
▶	Jinay	b@gmail.com	+911234567890	1234	90909	Male	Savings	31000
	Purav	a@gmail.com	+916353829148	0909090	89908	Male	Savings	19000

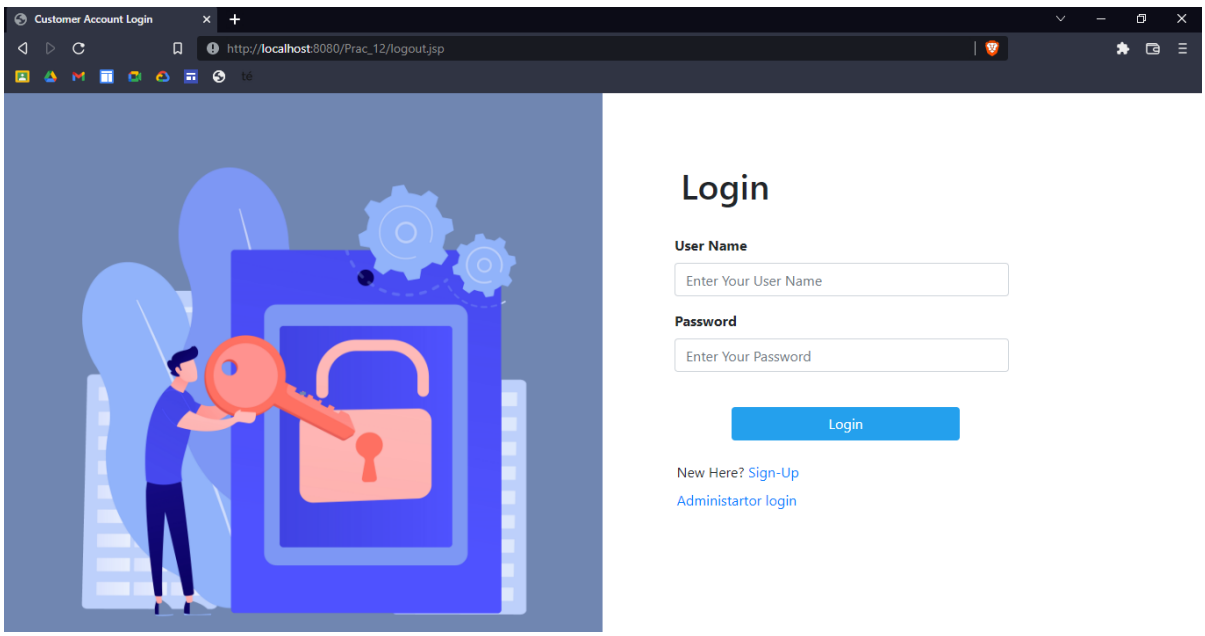


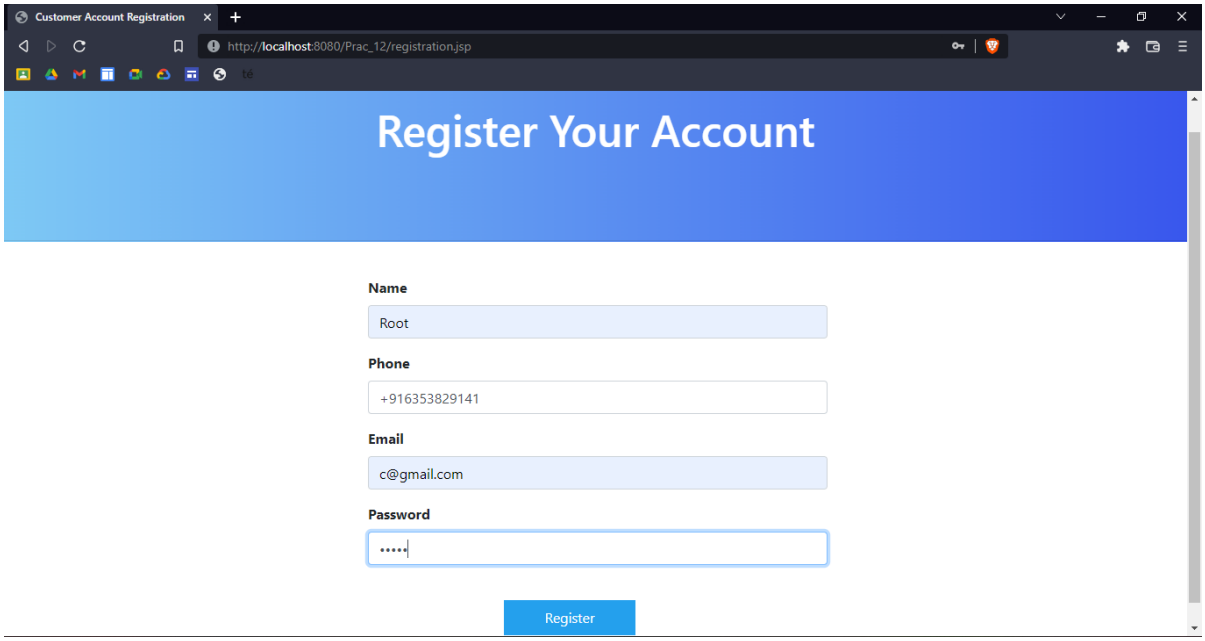
	FullName	Email	Phone	Aadhar	Pan	Gender	Account	Amount
▶	Jinay	b@gmail.com	+911234567890	1234	90909	Male	Savings	30000
	Purav	a@gmail.com	+916353829148	0909090	89908	Male	Savings	20000

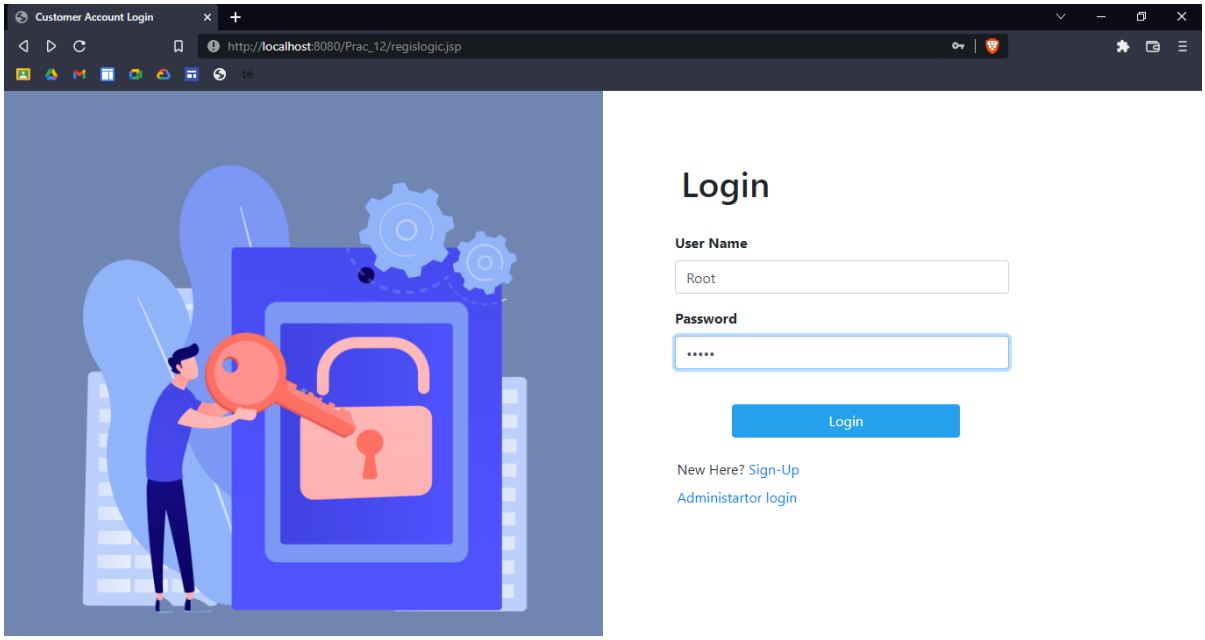
For Signout:

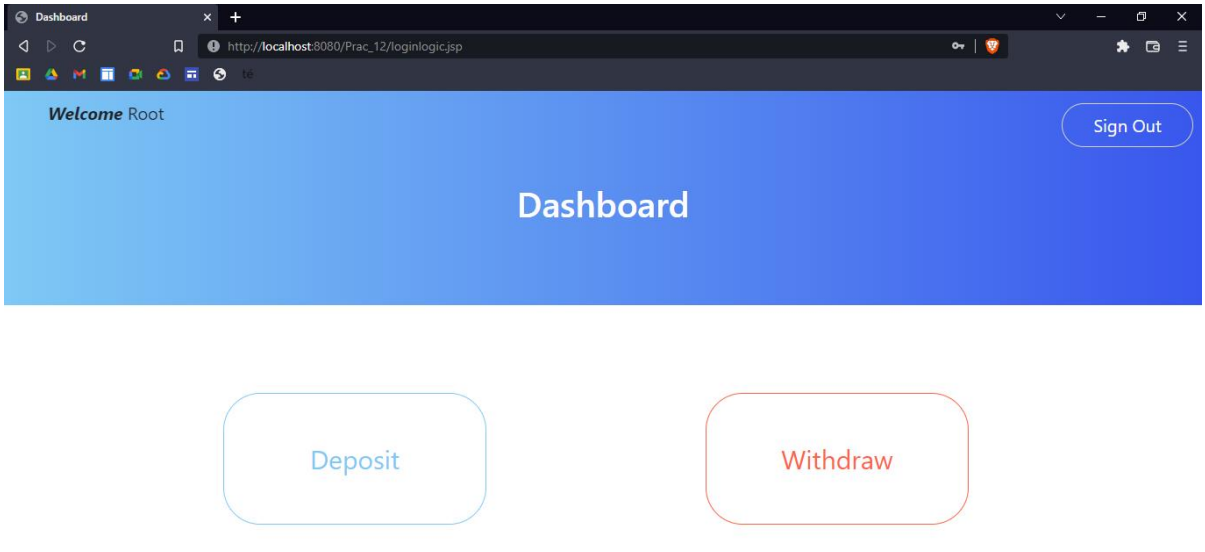

Dashboard
http://localhost:8080/Prac_12/dashboard.jsp
Welcome Purav
Sign Out
Dashboard

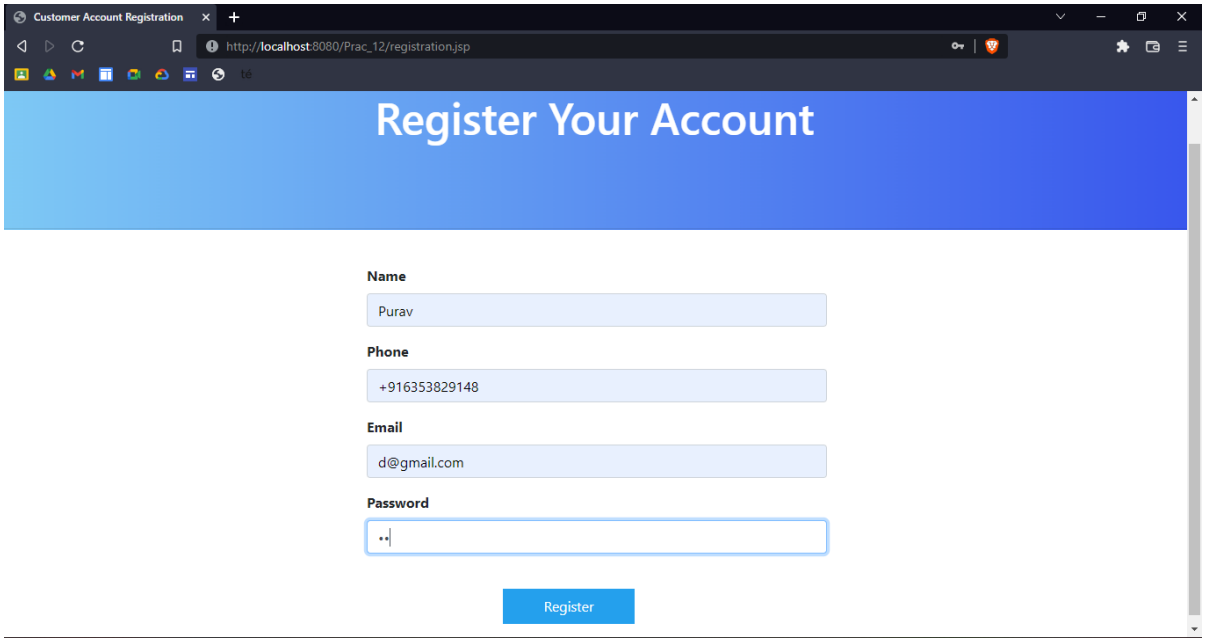
Deposit
Withdraw

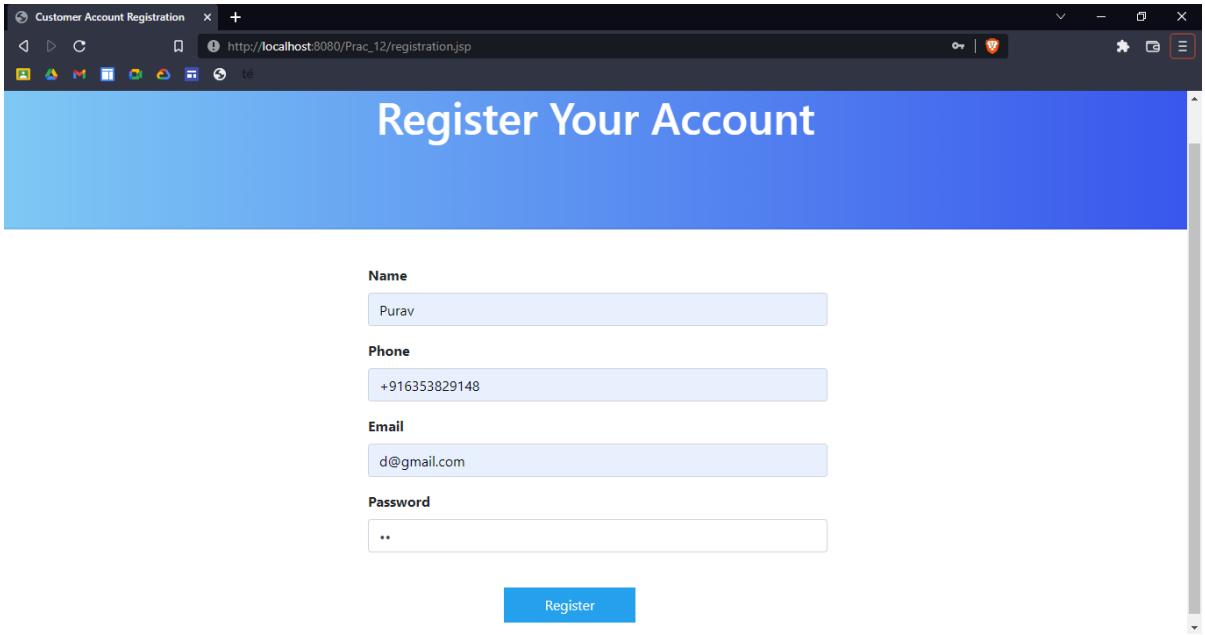

Customer Account Login
http://localhost:8080/Prac_12/logout.jsp
Login
User Name
Enter Your User Name
Password
Enter Your Password
Login
New Here? Sign-Up
Administartor login

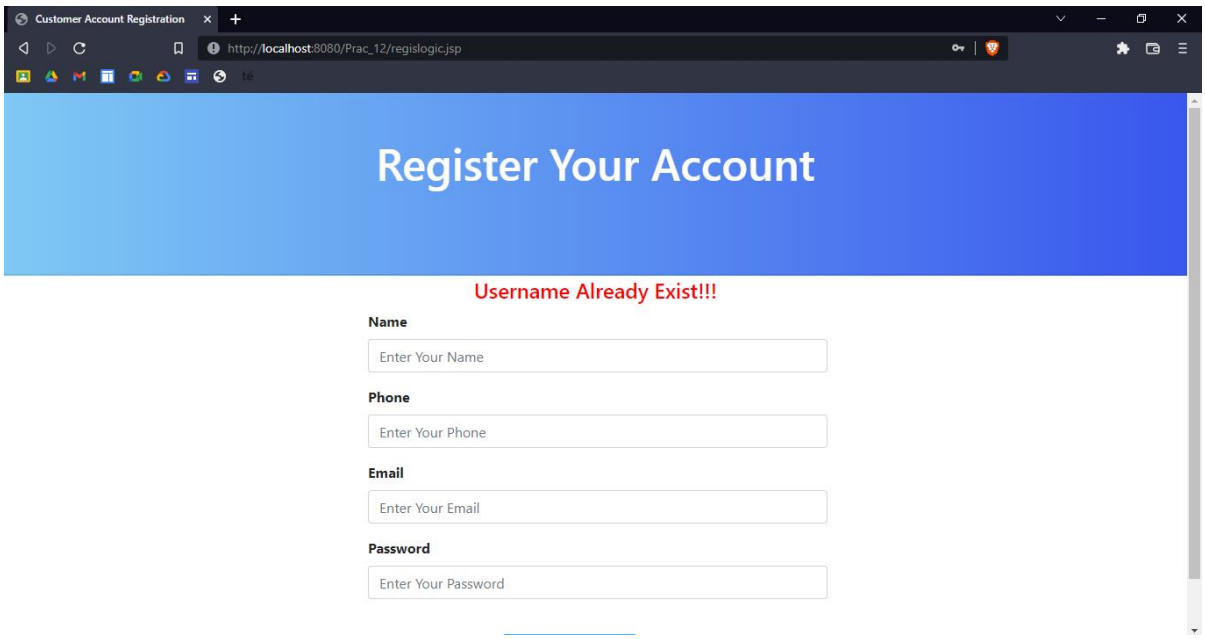

Customer Account Registration
http://localhost:8080/Prac_12/registration.jsp
Register Your Account
Name
Root
Phone
+916353829141
Email
c@gmail.com
Password
Register

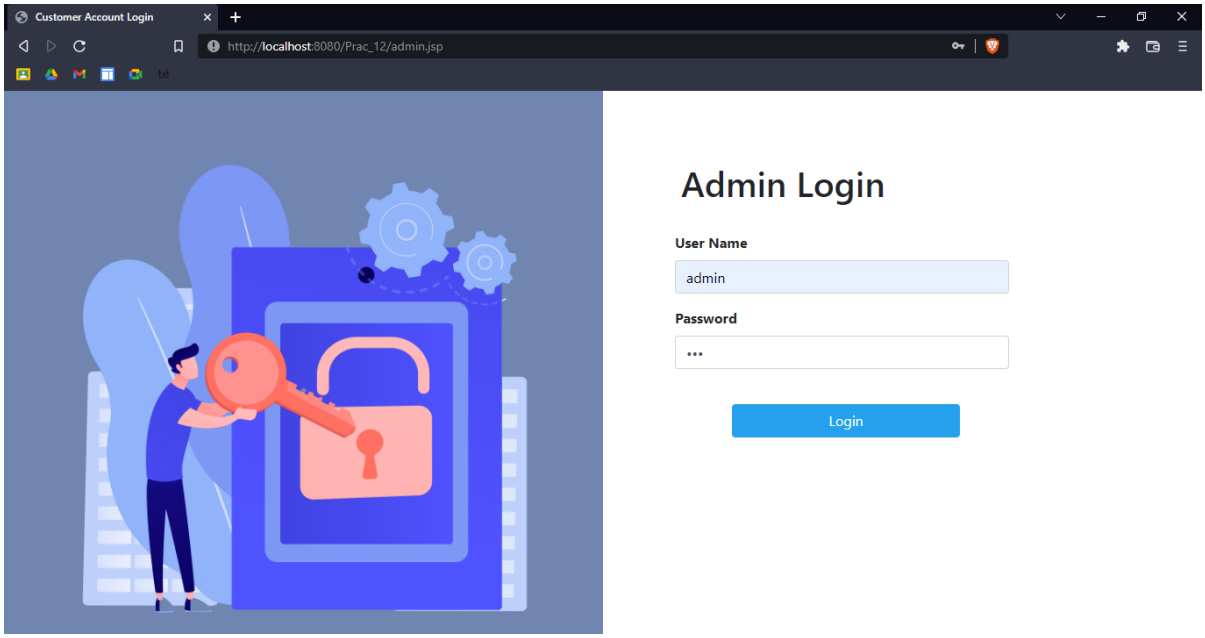

Customer Account Login
http://localhost:8080/Prac_12/regislogic.jsp
Login
User Name
Root
Password
Login
New Here? Sign-Up
Administartor login


Dashboard
http://localhost:8080/Prac_12/loginlogic.jsp
Welcome Root
Sign Out
Dashboard
Deposit
Withdraw


Customer Account Registration
http://localhost:8080/Prac_12/registration.jsp
Register Your Account
Name
Purav
Phone
+916353829148
Email
d@gmail.com
Password
Register


Customer Account Registration
http://localhost:8080/Prac_12/registration.jsp
Register Your Account
Name
Purav
Phone
+916353829148
Email
d@gmail.com
Password
Register


Customer Account Registration
http://localhost:8080/Prac_12/regislogic.jsp
Register Your Account
Username Already Exist!!!
Name
Enter Your Name
Phone
Enter Your Phone
Email
Enter Your Email
Password
Enter Your Password



Sign Out

Customer Registration Details

Name	Phone	Email	Password
Jinay	1234567890	b@gmail.com	12345
Purav	+916353829148	a@gmail.com	123
Root	+916353829141	c@gmail.com	12345

Bank Registration Details

Name	Email	Phone	Aadhar	Pan	Gender	Account Type	Ammount
Jinay	b@gmail.com	+911234567890	1234	90909	Male	Savings	29000
Purav	a@gmail.com	+916353829148	0909090	89908	Male	Savings	21000
Root	c@gmail.com	+916353829141	00	100	Male	Savings	90