

Experiment No. 9

Register.jsp

```
<% @page contentType="text/html"%>
<% @page pageEncoding="UTF-8"%>
<!DOCTYPE HTML PUBLIC "-//W3C//DTD
HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type"
content="text/html; charset=UTF-8">
<title>Registration Form</title>
</head>
<body>
    <h1>Registration Form</h1>
    <form action="register" method="post">
        <table cellpadding="3pt">
            <tr>
                <td>User Name
                :</td>
                <td><input
type="text" name="userName" size="30" /></td>
            </tr>
            <tr>
                <td>Password :</td>
                <td><input
type="password" name="password1" size="30"
/></td>
            </tr>
            <tr>
                <td>Confirm
Password :</td>
```

```
                <td><input
type="password" name="password2" size="30"
/></td>
            </tr>
            <tr>
                <td>email :</td>
                <td><input
type="text" name="email" size="30" /></td>
            </tr>
            <tr>
                <td>Phone :</td>
                <td><input
type="text" name="phone" size="30" /></td>
            </tr>
            <tr>
                <td>City :</td>
                <td><input
type="text" name="city" size="30" /></td>
            </tr>
        </table>
        <p />
        <input type="submit"
value="Register" />
    </form>
</body>
</html>
```

UserControllerServlet.java

```

package com.controller;
import java.io.IOException;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
import com.dao.UserDAO;

public class UserControllerServlet extends
HttpServlet {

    protected void doPost(HttpServletRequest request, HttpServletResponse response)
        throws ServletException,
        IOException {

        String userName =
request.getParameter("userName");

        String password =
request.getParameter("password1");

        String email =
request.getParameter("email");

        String phone =
request.getParameter("phone");

        String city =
request.getParameter("city");

        HttpSession session =
request.getSession(true);

        try {

            UserDAO userDAO = new
UserDAO();

            userDAO.addUserDetails(userName,
password, email, phone, city);

            response.sendRedirect("Success");

```

```

        } catch (Exception e) {

            e.printStackTrace();

        }

    }

}

```

UserDAO.java

```

package com.dao;

import org.hibernate.HibernateException;
import org.hibernate.Session;
import org.hibernate.SessionFactory;
import org.hibernate.Transaction;
import org.hibernate.cfg.Configuration;
import com.bean.User;

public class UserDAO {

    public void addUserDetails(String
userName, String password, String email, String
phone, String city) {

        try {

            // 1. configuring hibernate

            Configuration configuration
= new Configuration().configure();

            // 2. create sessionfactory

            SessionFactory

sessionFactory =
configuration.buildSessionFactory();

            // 3. Get Session object

            Session session =
sessionFactory.openSession();

            // 4. Starting Transaction

            Transaction transaction =
session.beginTransaction();

            User user = new User();

```

```

user.setUserName(userName);

user.setPassword1(password);
        user.setEmail(email);
        user.setCity(city);
        user.setPhone(phone);
        session.save(user);
        transaction.commit();
        System.out.println("\n\n
Details Added \n");
    } catch (HibernateException e) {

        System.out.println(e.getMessage());
        System.out.println("error");
    }
}

```

User.java

```

package com.bean;

import javax.persistence.Entity;
import javax.persistence.Id;

@Entity
public class User {

    @Id
    private int id;
    private String userName;
    private String password1;
    private String email;
    private String phone;
    private String city;

```

```

    public int getId() {
        return id;
    }

    public void setId(int id) {
        this.id = id;
    }

    public String getUserName() {
        return userName;
    }

    public void setUserName(String userName)
    {
        this.userName = userName;
    }

    public String getPassword1() {
        return password1;
    }

    public void setPassword1(String password1)
    {
        this.password1 = password1;
    }

    public String getEmail() {
        return email;
    }

    public void setEmail(String email) {
        this.email = email;
    }

    public String getPhone() {
        return phone;
    }

    public void setPhone(String phone) {

```

```

        this.phone = phone;
    }

    public String getCity() {
        return city;
    }

    public void setCity(String city) {
        this.city = city;
    }
}

```

Success.java

```

package com.controller;
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

public class Success extends HttpServlet {

    protected void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException,
        IOException {

        PrintWriter writer =
            response.getWriter();

        writer.println(""" + "" + "" + "Details
        Added Successfully" + "" + "" + "");
    }
}

```

Hibernate.cfg.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE hibernate-configuration PUBLIC
    "-//Hibernate/Hibernate
    Configuration DTD 3.0//EN"

    "http://www.hibernate.org/dtd/hibernate-
    configuration-3.0.dtd">

<hibernate-configuration>

    <session-factory>

        <property
            name="hibernate.connection.driver_class">com.my
            sql.jdbc.Driver</property>

        <property
            name="hibernate.connection.password">Shree@12
            3#</property>

        <property
            name="hibernate.connection.url">jdbc:mysql://loca
            lhost:3306/exp9</property>

        <property
            name="hibernate.connection.username">root</prop
            erty>

        <property
            name="hibernate.dialect">org.hibernate.dialect.My
            SQLDialect</property>

        <property
            name="hbm2ddl.auto">create</property>

        <property name="show_sql">true</property>

    </session-factory>

</hibernate-configuration>

```

User.hbm.xml

```
<?xml version="1.0" encoding="UTF-8"?>

<!DOCTYPE hibernate-mapping PUBLIC "-//Hibernate/Hibernate Mapping DTD
3.0//EN"
"http://hibernate.sourceforge.net/hibernate-
mapping-3.0.dtd">

<hibernate-mapping>

    <class name="com.jwt.hibernate.bean.User"
table="USER">
```

```
        <id column="ID" name="id"
type="java.lang.Integer" />

        <property column="USER_NAME"
name="userName"

            type="java.lang.String" />

        <property column="PASSWORD"
name="password1" type="string" />

        <property column="EMAIL"
name="email" type="java.lang.String" />

        <property column="PHONE"
name="phone" type="java.lang.String" />

        <property column="CITY"
name="city" type="java.lang.String" />

    </class>

</hibernate-mapping>
```

Output:

The screenshot shows a web browser window with the address bar displaying 'http://localhost:8088/Exp9/'. The browser has a single tab titled 'Registration Form'. The page content features a large heading 'Registration Form'. Below the heading, there are six labeled input fields arranged vertically: 'User Name' (containing 'Ragini'), 'Password' (masked with four dots), 'Confirm Password' (masked with four dots), 'email' (containing 'ragini@gmail.com'), 'Phone' (containing '123456'), and 'City' (containing 'Karad' with a clear 'x' button). At the bottom left of the form is a 'Register' button.

   <http://localhost:8088/Exp9/Success> localhost  

Details Added Successfully