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Course: Chapter - Internet Programming

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1. Design Registration form using JSP which contains name, username, Password, address, Contact number, etc...
Application Registration form which take all details and store it in database or cache?

1, First Name 2, Last Name 3, Username 4, Password 5, Address 6, Contact Number 7, Submit button.

Solution:

Create a Database table

Create table users

Id Int Auto-Increment Primary Key,

First Name varchar(50);

Last Name varchar(50);

Username varchar(50);

Password varchar(50);

Address varchar(255);

Contact number varchar(20);

JDBC Connection: With JSP file (Registration file)

```

<% @ Page language="java" Content Type="text/html" %

```

```

Charset="UTF-8" Page Encoding="UTF-8" %>

```

```

<!DOCTYPE html>

```

```

<html>

```

```

<head>

```

```

<meta charset="UTF-8">

```

```

<meta charset="Registration form">

```

```

<title> Registration form </title>

```

```

</head>

```

```

<body>

```

```

<h2> Registration form </h2>

```

```

<form action="RegistrationServlet" method="post">

```

```

First Name: <input type="text" name="first name" required> <br>

```

```

Last Name: <input type="text" name="last name" required> <br>

```

```

User Name: <input type="text" name="username" required> <br>

```

```

Password: <input type="text" name="password" required> <br>

```

```

Address: <input type="text" name="address" required> <br>

```

```

Contact Number: <input type="text" name="Contact number" required> <br>

```

```

<input type="submit" value="Submit">

```

```

</form>

```

```

</body>

```

```

</html>

```

Replace

```

"jdbc:mysql://localhost:3306/your-database"; "username", and

```

```

"password" with the data.

```

Deployment: Deploy your application (jar) file and servlet to a Servlet container (like Apache Tomcat).



OPPO F21 Pro

Janardhan | 2024.02.24 14:01

8. Create a JSP home page click screen that below with submit buttons in a form that have links to execute each of the JSPs/Servlets and also buttons for: Add or update customers, Browse customers, Browse orders.

Solution:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title> Home Page </title>
```

```
</head>
```

```
<body>
```

```
<h1> Welcome to my Application </h1>
```

```
<form action="#" method="post">
```

```
<input type="submit" name="action" value="Add or update  
customers">
```

```
<input type="submit" name="action" value="Browse customers">
```

```
<input type="submit" name="action" value="Browse orders">
```

```
</form>
```

```
<%-- Handle form submission -- %>
```

```
<%
```

```
String action = request.getParameter("action");
```

```
if (action != null)
```

```
{
```

```
if (action.equals("Add or update customers"))
```

```
{
```

```
response.sendRedirect("add_update_customers.jsp");
```

```
}
```

```
else if (action.equals("Browse customers"))
```

```
{
```

```
response.sendRedirect("browse_customers.jsp");
```

```
}
```

```
else if (action.equals("Browse orders"))
```

```
{
```

```
response.sendRedirect("browse_orders.jsp");
```

```
}
```

```
}
```

```
%>
```

```
</body>
```

```
</html>
```

This is the code for JSP Home Page.