**A picture containing drawing

Description automatically generated­­­**

**PROJECT:**

**NEED HELP?**

**INRODUCTION ABOUT**

**JAVA EE**

Java EE stands for Java Platform Enterprise Edition, which was earlier known as J2EE. It is a collection of Java APIs owned by Oracle that software developers can use to write server-side applications. Sun Microsystems originally designed Java EE. Its applications are hosted on application servers, such as IBM’s WebSphere, Oracle’s Glass Fish, Apache Tomcat, all of which run either in the cloud or within a corporate data center. Java EE apps are hosted on server side. Java EE provides a platform for developers with enterprise features such as distributed computing and web services.

The Java EE platform uses a simplified programming model. XML deployment descriptors are optional. Instead a developer can simply enter the information as an annotation directly into a Java source file, and Java EE server will configure the component at deployment and runtime. These annotations are generally used to embed in a program data that would otherwise be furnished in a deployment descriptor.

In the Java EE platform, dependency injection can be applied to all resources a component needs, effectively hiding the creation and lookup of resources from application code. Dependency injection can be used in Enterprise JavaBeans (EJB) containers, web containers and application clients. Dependency injection allows the Java EE container to automatically insert references to other required components using annotations.

**PROJECT OVERVIEW:**

In this project, we have created an application in which clients can post the jobs depending on their location. While posting any job, individual must mention the “Job Tittle”, “Job Description”, “Category”, “Province”, “City”. Before posting the job, one have to make sure that he has been registered and after that one have to login his account and start the process. There are three options in the navigation bar “Home”, “Post”, “About”. A client can post the jobs by selecting and filling the required fields from the post option in the navigation bar. We have added some more features for our clients, if client wants to edit or remove the job posted, then he can do it by simply pressing edit or delete button. There is also a customize message box at the bottom of the web application. If user need any kind of help then he can directly send message or leave the message.

For the job seekers, we have also added some features like, if the individual is looking for particular type of job, then he can easily go to home page and click on the button more info under each service. For example, if individual is looking for tutor, then he can click the “more info” option under the service “Tutor” and can see the posting there.

We have also made sure that only the user with username and password can login and see the information. Users without username and password are unable to see and post jobs. If the user directly enter the URL of page the page he wants to look into then it will redirect to login page.

We have also used JSP files, servlets, bootstrap, CSS, html files and images to make project attractive.

**SOFTWARE AND HARDWARE SPECIFICATIONS:**

**SOFTWARE SPECIFICATION:**

Operating System: Window 10

Languages: Java (JDBC, Servlet, JSP)

Front End: HTML and Java Script

Platform: Eclipse

Web Servers: Tomcat 7.0

Backend: Oracle 11g

Browser: Internet Explorer and Google Chrome

**HARDWARE SPECIFICATION:**

Processor: Intel Core I5

RAM: 8GB

**DATA FLOW DIAGRAM:**

A data flow diagram (DFD) is a way of representing the flow of data of a process or a system. It also provides information about the outputs and inputs of each entity and the process. It uses defined symbols like rectangles, circles and arrows to show the data inputs, outputs and storage points between each destination.

**Delete**

**Post Jobs**

**Edit**

**Client**

**Login**

**View Jobs**

**Registration**

Send Request

Invalid Request

**RELATIONAL DATABASE**

**MANAGEMENT SYSTEM**

A Relational Database refers to database that stored data in a structured format, using rows and columns. It makes it easy to access and locate specific values within the database. It is relational because the values within the tables are related to each other.

**LIST OF TABLES:**

* JOB
* CATEGORY
* MESSAGES
* USERS

**Table JOB**

CREATE TABLE job(

id int NOT NULL,

job\_title varchar(30),

job\_description varchar(1000),

contact varchar(100),

city varchar(20),

province varchar(20),

category\_name varchar(30),

username varchar(30),

FOREIGN KEY (username)

REFERENCES users(username)

ON DELETE CASCADE,

FOREIGN KEY (category\_name)

REFERENCES category(category\_name)

ON DELETE CASCADE,

PRIMARY KEY(id));

**Table CATEGORY**

CREATE TABLE category(

Id Int NOT NULL,

Category\_name varchar(30) NOT NULL,

category\_description varchar(1000),

PRIMARY KEY(category\_name)

);

**Table MESSAGES**

CREATE TABLE message(

username varchar(50) NOT NULL,

message\_description varchar(1000),

FOREIGN KEY (username)

REFERENCES users(username)

ON DELETE CASCADE,

);

**Table USERS**

CREATE TABLE users(

Id int NOT NULL,

first\_name varchar(30) NOT NULL,

last\_name varchar(30) NOT NULL,

username varchar(30) NOT NULL,

password varchar(30) NOT NULL,

address varchar(30) NOT NULL,

email varchar(30) NOT NULL,

PRIMARY KEY(id),

UNIQUE(username));

**CREATING AUTO\_INCREMENT**

Create sequence id min value 1 start with 1 cache 10;

**TABLE STRUCTURES:**

**Table JOB**

|  |  |  |  |
| --- | --- | --- | --- |
| **FEILD** | **DATA TYPE** | **LENGTH** | **KEY** |
| id | Integer | -------- | Primary Key |
| job\_title | Varchar | 30 | ------- |
| job\_description | Varchar | 1000 | ------- |
| contact | Varchar | 100 | ------- |
| city | Varchar | 20 | ------- |
| province | Varchar | 20 | ------- |
| category\_name | Varchar | 50 | Foreign Key |
| username | Varchar | 30 | Foreign Key |

**Table CATEGORY**

|  |  |  |  |
| --- | --- | --- | --- |
| **FEILD** | **DATA TYPE** | **LENGTH** | **KEY** |
| id | Integer | ----- | Primary Key |
| category\_name | Varchar | 50 | Unique Key |
| category\_description | Varchar | 1000 | ------- |

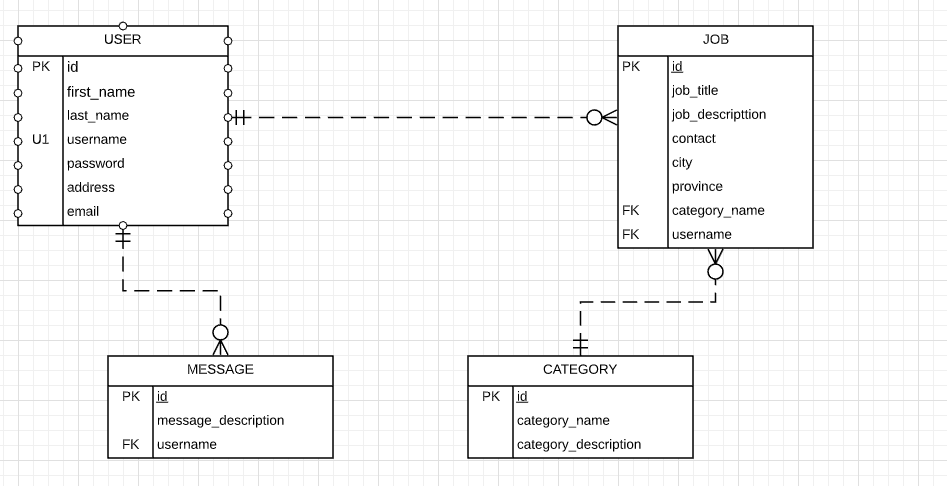
**Table MESSAGES**

|  |  |  |  |
| --- | --- | --- | --- |
| **FEILD** | **DATA TYPE** | **LENGTH** | **KEY** |
| username | Varchar | 50 | Foreign Key |
| message\_description | Varchar | 1000 | -------- |

**Table USERS**

|  |  |  |  |
| --- | --- | --- | --- |
| **FEILD** | **DATA TYPE** | **LENGTH** | **KEY** |
| Id | Integer | ------- | Primary Key |
| first\_name | Varchar | 30 | ------- |
| last\_name | Varchar | 30 | ------- |
| username | Varchar | 30 | Unique Key |
| password | Varchar | 30 | ------- |
| address | Varchar | 30 | ------- |
| email | Varchar | 30 | ------- |

**ERD (ENTITY RELATIONSHIP DIAGRAM)**

****

**SCREENSHORTS OF PROJECT**

1. We have created a dynamic Web project named NeedHelp. We created all the JSP files, html files, CSS files, images and bootstrap links under Web Content folder of the project. The coding of all these files are shown below.

**CODES**

**User.html File:**

In this file, we have created a home page for our application, which contains the options available in navigation bar and footer. It also contains the links of other files and servlets which will be used when user will click any of the option of navigation bar. Through this file customer will create account, can login, can get information about our website and can see the services.

<html>

<head>

<link href=*"bootstrap/css/bootstrap.min.css"* rel=*"stylesheet"* type=*"text/css"*/>

<link href=*"css/style1.css"* rel=*"stylesheet"* type=*"text/css"*>

<link rel=*"stylesheet"* href=*"https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"*

integrity=*"sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"* crossorigin=*"anonymous"*>

</head>

<body>

<!--Start of Tawk.to Script-->

<script type=*"text/javascript"*>

**var** Tawk\_API=Tawk\_API||{}, Tawk\_LoadStart=**new** Date();

(**function**(){

**var** s1=document.createElement("script"),s0=document.getElementsByTagName("script")[0];

s1.async=**true**;

s1.src='https://embed.tawk.to/5e82709369e9320caabea3c7/default';

s1.charset='UTF-8';

s1.setAttribute('crossorigin','\*');

s0.parentNode.insertBefore(s1,s0);

})();

</script>

<!--End of Tawk.to Script-->

<header class=*"main-header"*>

<nav class=*"nav"*>

<ul>

<li><a href=*"services.jsp"*>HOME</a></li>

<li><a href=*"insert.jsp"*>POST</a></li>

<li><a href=*"about.jsp"*>ABOUT</a></li>

</ul>

<div class=*"register"*>

<a href=*"user.html"*>REGISTER |</a>

<a href=*"login.jsp"*>LOGIN</a>

</div>

</nav>

<h1 class=*"band-name band-name-large"*>NEED HELP?</h1>

</header>

<form action=*"UserServlet"* method=*"post"*>

<table cellpadding=*"10"* width=*"50%"* align=*"center"* cellspacing=*"2"*>

<tr>

<td colspan=*2*>

<center><font size=*5*><h1><b>Customer Form</b></h1></font></center>

</td>

</tr>

<tr>

<td>First Name</td>

<td><input type=*text* name=*"first\_name"* id=*"first\_name"* size=*"30"* required></td>

</tr>

<tr>

<td>Last Name</td>

<td><input type=*"text"* name=*"last\_name"* id=*"last\_name"*size=*"30"* required></td>

</tr>

<tr>

<tr>

<td>Username</td>

<td><input type=*"text"* name=*"username"*id=*"username"* size=*"30"* required></td>

</tr>

<tr>

<td>Password</td>

<td><input type=*"password"* name=*"password"*id=*"password"* size=*"30"* min=*"6"* max=*"12"* required></td>

</tr>

<tr>

<td>Address</td>

<td><input type=*"text"* name=*"address"* id=*"address"* size=*"30"* required></td>

</tr>

<tr>

<td>Email Id</td>

<td><input type=*"email"* name=*"email"* id=*"email"* size=*"30"* required></td>

</tr>

<tr>

<td><input type=*"reset"* style="background-color:*black*;color:*white*;"></td>

<td colspan=*"2"*><input type=*"submit"* value=*"Register"*style="background-color:*black*;color:*white*;"required/></td>

</tr>

</table>

</form>

<section class=*"footer"*>

<div class=*"container tex-center"*>

<div class=*"row"*>

<div class=*"col-md-3"*>

<h1>Useful Links</h1>

<p>Privacy Policy</p>

<p>Terms of Use</p>

<p>Return Policy</p>

<p>Discount Coupons</p>

</div>

<div class=*"col-md-3"*>

<h1>Company</h1>

<p>About Us</p>

<p>Contact Us</p>

<p>Career</p>

<p>Affiliate</p>

</div>

<div class=*"col-md-3"*>

<h1>Follow Us On</h1>

<p><i class=*"fab fa-facebook"*></i> Facebook</p>

<p><i class=*"fab fa-youtube"*></i> YouTube</p>

<p><i class=*"fab fa-linkedin"*></i> Linkedin</p>

<p><i class=*"fab fa-twitter-square"*></i> Twitter</p>

</div>

<div class=*"col-md-3 footer-image"*>

<h1>Download App</h1>

<img src=*"images/app-logo.png"*>

</div>

</div>

<hr>

<p class=*"copyright"*>@2020 <i class=*"fa fa-heart-o"*></i> All right reserved </p>

</div>

</section>

</body>

</html>

**insert.jsp File**

When client will try to post any job, then this file will work, where the registered client will have to fill the form to post any job.

<html>

<head>

<link href=*"bootstrap/css/bootstrap.min.css"* rel=*"stylesheet"* type=*"text/css"*/>

<link href=*"css/style1.css"* rel=*"stylesheet"* type=*"text/css"*>

<link rel=*"stylesheet"* href=*"https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"*

integrity=*"sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"* crossorigin=*"anonymous"*>

</head>

<body>

<%

**if**(session.getAttribute("username")==**null**)

response.sendRedirect("login.jsp");

%>

<div class=*"login"*>

Welcome${username}

<a href=*"Logout"*>Logout</a>

</div>

<header class=*"main-header"*>

<nav class=*"nav"*>

<ul>

<li><a href=*"services.jsp"*>HOME</a></li>

<li><a href=*"insert.jsp"*>POST</a></li>

<li><a href=*"about.jsp"*>ABOUT</a></li>

</ul>

</nav>

<h1 class=*"band-name band-name-large"*>Need Help?</h1>

</header>

<body>

<!--Start of Tawk.to Script-->

<script type=*"text/javascript"*>

**var** Tawk\_API=Tawk\_API||{}, Tawk\_LoadStart=**new** Date();

(**function**(){

**var** s1=document.createElement("script"),s0=document.getElementsByTagName("script")[0];

s1.async=**true**;

s1.src='https://embed.tawk.to/5e82709369e9320caabea3c7/default';

s1.charset='UTF-8';

s1.setAttribute('crossorigin','\*');

s0.parentNode.insertBefore(s1,s0);

})();

</script>

<!--End of Tawk.to Script-->

<form action=*"InsertServlet"* method=*"post"*>

<table cellpadding=*"10"* width=*"50%"* bgcolor=*"99FFFF"* align=*"center"*

cellspacing=*"2"*>

<div class=*"row"*>

<div class=*"col-sm-4"*>

<div alight=*"left"*>

<label class=*"form-label"*>Job Title</label>

<input type=*"text"* class=*"form-control"* placeholder=*"job Title"* name=*"job\_title"* required >

</div>

<div alight=*"left"*>

<label class=*"form-label"*>Job Description</label>

<input type=*"text"* class=*"form-control"* placeholder=*"job description"* name=*"job\_description"* >

</div>

<div alight=*"left"*>

<label class=*"form-label"*>Contact</label>

<input type=*"text"* class=*"form-control"* placeholder=*"contact"* name=*"contact"* required>

</div>

<div alight=*"left"*><br>

<label class=*"form-label"*>City</label>

<select name=*"city"* required><br>

<option value=*"-1"* selected>select..</option>

<option value=*"Brampton"*>Brampton</option>

<option value=*"Mississauga"*>Mississauga</option>

<option value=*"Montreal"*>Montreal</option>

<option value=*"Toronto"*>Toronto</option>

</select>

</div>

<div alight=*"left"*><br>

<label class=*"form-label"*>Province</label>

<select name=*"province"* required><br>

<option value=*"-1"* selected>select..</option>

<option value=*"Ontario"*>Ontario</option>

<option value=*"Alberta"*>Alberta</option>

<option value=*"Quebec"*>Quebec</option>

<option value=*"Manitoba"*>Manitoba</option>

</select>

</div>

<div alight=*"left"*><br>

<label class=*"form-label"*>Category</label>

<select name=*"category\_name"* required><br>

<option value=*"-1"* selected >select..</option>

<option value=*"Tutor"*>Tutor</option>

<option value=*"Cleaner"*>Cleaner</option>

<option value=*"Catering"*>Catering</option>

<option value=*"Photography"*>Photography</option>

</select>

</div>

<div alight=*"left"*>

<input type=*"hidden"* class=*"form-control"* placeholder=*"job description"* name=*"username"* value=*${username*} >

</div>

<div alight=*"left"*>

<input type=*"submit"* id=*"submit"* value=*"Submit"*class=*"btn btn-info"* >

</div>

</div>

</div>

<section class=*"footer"*>

<div class=*"container tex-center"*>

<div class=*"row"*>

<div class=*"col-md-3"*>

<h1>Useful Links</h1>

<p>Privacy Policy</p>

<p>Terms of Use</p>

<p>Return Policy</p>

<p>Discount Coupons</p>

</div>

<div class=*"col-md-3"*>

<h1>Company</h1>

<p>About Us</p>

<p>Contact Us</p>

<p>Career</p>

<p>Affiliate</p>

</div>

<div class=*"col-md-3"*>

<h1>Follow Us On</h1>

<p><i class=*"fab fa-facebook"*></i> Facebook</p>

<p><i class=*"fab fa-youtube"*></i> YouTube</p>

<p><i class=*"fab fa-linkedin"*></i> Linkedin</p>

<p><i class=*"fab fa-twitter-square"*></i> Twitter</p>

</div>

<div class=*"col-md-3 footer-image"*>

<h1>Download App</h1>

<img src=*"images/app-logo.png"*>

</div>

</div>

<hr>

<p class=*"copyright"*>@2020 <i class=*"fa fa-heart-o"*></i> All right reserved </p>

</div>

</section>

</body>

</html>

**view.jsp File**

When client will want to see all the postings or services available, then this file will work, which will contain all the information about the job postings and there will be buttons available to update or delete any posting.

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@ page import=*"java.sql.\*"* %>

<!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=ISO-8859-1"*>

<title>LovejotC0743189</title>

<style>

**body**{font-family:*arial*;}

**table**{table-layout:*fixed*; width:*50%*;border:*1px solid black*;padding:*0px 10px* ;margin-top:*50px*;}

**a**{text-decoration:*none*;border:*1px solid black*;}

**a***:hover*{color:*red*;}

**td** {

padding: *15px*;

}

**td** {

padding: *15px*;

}

</style>

</head>

<body>

<table cellpadding=*"20"* width=*"50%"* bgcolor=*"99FFFF"* align=*"center"*

cellspacing=*"2"*>

<tr>

<th>Id</th>

<th> Name</th>

<th>Address</th>

<th>City</th>

<th>Course</th>

<th>Mobile no.</th>

<th>Email</th>

<th>Edit</th>

<th>Delete</th>

<%

response.setContentType("text/html");

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","lovejot","lovejot123");

PreparedStatement ps=conn.prepareStatement("select \* from registration");

ResultSet rs=ps.executeQuery();

**while**(rs.next())

{

String id=rs.getString("id");

%>

<table width=*"100px;"* bgcolor=*"99FFFF"* align=*"center"* padding=*"10px"* layout=*"fixed"*

cellspacing=*"2"*>

</tr>

<tr>

<td><b><%=rs.getInt("id") %></b></td>

<td><br><br><br><%=rs.getString("name") %></td>

<td><%=rs.getString("address") %></td>

<td><%=rs.getString("city") %></td>

<td><%=rs.getString("course") %></td>

<td><%=rs.getString("mobileno") %></td>

<td><%=rs.getString("email") %></td>

<td><a href=*"update.jsp?id=*<%=id %>*"* ><Button style="color:*gren*">Edit</Button></a></td>

<td><a href=*"delete.jsp?id=*<%=id %>*"*><Button style="color:*red*">Delete</Button></a></td>

</tr>

<%

}

%>

</table>

</body>

</html>

**Up****date.jsp File**

Here the client will update any of the information regarding the job posting, by entering the id of which the user wants to update information. Request.get parameter is used to update the information. After entering the id, the job posting form will appear, where the user will be able to update the information. After clicking on submit button, it will show the alert “Successfully updated...”

<%@page language=*"java"*%>

<%@page import=*"java.sql.\*"*%>

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

<head>

<link href=*"bootstrap/css/bootstrap.min.css"* rel=*"stylesheet"* type=*"text/css"*/>

<link href=*"css/style4.css"* rel=*"stylesheet"* type=*"text/css"*>

<link rel=*"stylesheet"* href=*"https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"*

integrity=*"sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"* crossorigin=*"anonymous"*>

</head>

<%

**if**(request.getParameter("submit")!=**null**)

{

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

String job\_title=request.getParameter("job\_title");

String job\_description=request.getParameter("job\_description");

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

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

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

String category\_name=request.getParameter("category\_name");

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

Class.forName("oracle.jdbc.driver.OracleDriver");

//Get a connection from the DriverManager

//Initialize the database

Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","lovejot","lovejot123");

// Create a SQL query to insert data into demo table

// demo table consists of two columns, so twelve '?' is used

PreparedStatement ps=con.prepareStatement("update job set job\_title=?,job\_description=?,contact=?,city=?,province=?,category\_name=?,username=? where id=?");

// sets the data to ps pointer

ps.setString(1,id);

ps.setString(2,job\_title);

ps.setString(3,job\_description);

ps.setString(4,contact);

ps.setString(5,city);

ps.setString(6,province);

ps.setString(7,category\_name);

ps.setString(8,username);

**int** i=ps.executeUpdate();

%>

<script>

alert("successfully updated...");

</script>

<%

}

%>

<%

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

**try** {

response.setContentType("text/html");

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","lovejot","lovejot123");

PreparedStatement ps=conn.prepareStatement("select \* from job where id =?");

ps.setString(1,id);

ResultSet rs=ps.executeQuery();

**while**(rs.next()){

%>

<header class=*"main-header"*>

<nav class=*"nav"*>

<ul>

<li><a href=*"services.jsp"*>HOME</a></li>

<li><a href=*"insert.jsp"*>POST</a></li>

<li><a href=*"about.jsp"*>ABOUT</a></li>

</ul>

</nav>

<h1 class=*"band-name band-name-large"*>Need Help?</h1>

</header>

<table cellpadding=*"10"* width=*"50%"* bgcolor=*"99FFFF"* align=*"center"*

cellspacing=*"2"*>

<div class=*"row"*>

<div class=*"col-sm-4"*>

<div class=*"row"*>

<div class=*"col-sm-4"*>

<div alight=*"left"*>

<label class=*"form-label"*>Job Title</label>

<input type=*"text"* class=*"form-control"* placeholder=*"job Title"*value=*"*<%=rs.getString("id")%>*"* name=*"job\_title"* required >

</div>

<div alight=*"left"*>

<label class=*"form-label"*>Job Title</label>

<input type=*"text"* class=*"form-control"* placeholder=*"job Title"*value=*"*<%=rs.getString("job\_title")%>*"* name=*"job\_title"* required >

</div>

<div alight=*"left"*>

<label class=*"form-label"*>Job Description</label>

<input type=*"text"* class=*"form-control"* placeholder=*"job description"*value=*"*<%=rs.getString("job\_description")%>*"* name=*"job\_description"* >

</div>

<div alight=*"left"*>

<label class=*"form-label"*>Contact</label>

<input type=*"text"* class=*"form-control"* placeholder=*"contact"*value=*"*<%=rs.getString("contact")%>*"* name=*"contact"* required>

</div>

<div alight=*"left"*><br>

<label class=*"form-label"*>City</label>

<select name=*"city"* value=*"*<%=rs.getString("city")%>*"*required><br>

<option value=*"-1"* selected>select..</option>

<option value=*"Brampton"*>Brampton</option>

<option value=*"Mississauga"*>Mississauga</option>

<option value=*"Montreal"*>Montreal</option>

<option value=*"Toronto"*>Toronto</option>

</select>

</div>

<div alight=*"left"*><br>

<label class=*"form-label"*>Province</label>

<select name=*"province"* value=*"*<%=rs.getString("province")%>*"* required><br>

<option value=*"-1"* selected>select..</option>

<option value=*"Ontario"*>Ontario</option>

<option value=*"Alberta"*>Alberta</option>

<option value=*"Quebec"*>Quebec</option>

<option value=*"Manitoba"*>Manitoba</option>

</select>

</div>

<div alight=*"left"*><br>

<label class=*"form-label"*>Category</label>

<select name=*"category\_name"* value=*"*<%=rs.getString("category\_name")%>*"* required><br>

<option value=*"-1"* selected >select..</option>

<option value=*"Tutor"*>Tutor</option>

<option value=*"Cleaner"*>Cleaner</option>

<option value=*"Catering"*>Catering</option>

<option value=*"Photography"*>Photography</option>

</select>

</div>

<div alight=*"left"*>

<input type=*"hidden"* class=*"form-control"* placeholder=*"job description"* value=*"*<%=rs.getString("username")%>*"* name=*"username"* value=*${username*} >

</div>

<div alight=*"left"*>

<input type=*"submit"* id=*"submit"* value=*"Submit"*class=*"btn btn-info"* >

</div>

</div>

</div>

<%

}

}

**catch**(Exception e){}

%>

<section class=*"footer"*>

<div class=*"container tex-center"*>

<div class=*"row"*>

<div class=*"col-md-3"*>

<h1>Useful Links</h1>

<p>Privacy Policy</p>

<p>Terms of Use</p>

<p>Return Policy</p>

<p>Discount Coupons</p>

</div>

<div class=*"col-md-3"*>

<h1>Company</h1>

<p>About Us</p>

<p>Contact Us</p>

<p>Career</p>

<p>Affiliate</p>

</div>

<div class=*"col-md-3"*>

<h1>Follow Us On</h1>

<p><i class=*"fab fa-facebook"*></i> Facebook</p>

<p><i class=*"fab fa-youtube"*></i> YouTube</p>

<p><i class=*"fab fa-linkedin"*></i> Linkedin</p>

<p><i class=*"fab fa-twitter-square"*></i> Twitter</p>

</div>

<div class=*"col-md-3 footer-image"*>

<h1>Download App</h1>

<img src=*"images/app-logo.png"*>

</div>

</div>

<hr>

<p class=*"copyright"*>@2020 <i class=*"fa fa-heart-o"*></i> All right reserved </p>

</div>

</section>

</html>

**Delete.jsp File**

After clicking on delete button under the posting, it will ask to enter the id, then it will delete the respected posting.

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@page import=*"java.sql.\*"*%>

<%

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

Class.forName("oracle.jdbc.driver.OracleDriver");

//Get a connection from the DriverManager

//Initialize the database

Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","lovejot","lovejot123");

// Create a SQL query to insert data into demo table

// demo table consists of two columns, so twelve '?' is used

PreparedStatement ps=con.prepareStatement("delete from job where id=?");

// sets the data to ps pointer

ps.setString(1,id);

**int** i=ps.executeUpdate();

%>

<script>

response.sendRedirect("services.jsp");

alert("Record Deleted...");

</script>

**about.jsp File**

In the navigation bar, we have an option of about. When client will click on this option, it will give the information about our company.

<html>

<head>

<link href=*"bootstrap/css/bootstrap.min.css"* rel=*"stylesheet"* type=*"text/css"*/>

<link href=*"css/style1.css"* rel=*"stylesheet"* type=*"text/css"*>

<link rel=*"stylesheet"* href=*"https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"*

integrity=*"sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"* crossorigin=*"anonymous"*>

</head>

<body>

<!--Start of Tawk.to Script-->

<script type=*"text/javascript"*>

**var** Tawk\_API=Tawk\_API||{}, Tawk\_LoadStart=**new** Date();

(**function**(){

**var** s1=document.createElement("script"),s0=document.getElementsByTagName("script")[0];

s1.async=**true**;

s1.src='https://embed.tawk.to/5e82709369e9320caabea3c7/default';

s1.charset='UTF-8';

s1.setAttribute('crossorigin','\*');

s0.parentNode.insertBefore(s1,s0);

})();

</script>

<!--End of Tawk.to Script-->

<%

**if**(session.getAttribute("username")==**null**)

response.sendRedirect("login.jsp");

%>

<div class=*"login"*>

Welcome${username}

<a href=*"Logout"*>Logout</a>

</div>

<header class=*"main-header"*>

<nav class=*"nav"*>

<ul>

<li><a href=*"services.jsp"*>HOME</a></li>

<li><a href=*"insert.jsp"*>POST</a></li>

<li><a href=*"about.jsp"*>ABOUT</a></li>

</ul>

<div class=*"login"*>

<a href=*"user.html"*>REGISTER |</a>

<a href=*"login.jsp"*>LOGIN</a>

</div>

</nav>

<h1 class=*"band-name band-name-large"*>Need Help?</h1>

</header>

<div id=*"about1"*>

ABOUT

</div>

<div class=*"about"*>

<p>Our Company was found in the fourth semester of the college. By using our app clients can post the jobs or services to hire people. One can post the jobs depending upon his needs according to the location he wants.

Soon, the app will be launch officially.We are going to add some new features in our app through which client can see the samples of the employee works.

In this project we have created an application in which clients can post the jobs depending on their location. While posting job individual have to mention the "Job Title", "Job Description","Category"," Contact", "Province", "City".Before posting the job one have to make sure that he has been registered and afterthat one have to login his account and start the process.There are three option in navigaton bar "Home", "Post", "About".A client can post the jobs by selecting and filling the required fileds from the post option post option in navigation bar. We have added some more features for our clients If the client wants to edit or remove the job posting after the job posted then he can do it by simply pressing edit or delete button.

For the job seekers , we also added some features like if the individual is looking for particular type of job then one can easily go to home page and can click on the button more info under each service.For example, if individual is looking for tutor then he can click the "more info" option under the service "Tutor" and can see the posting there.

</p>

</div>

<section class=*"footer"*>

<div class=*"container tex-center"*>

<div class=*"row"*>

<div class=*"col-md-3"*>

<h1>Useful Links</h1>

<p>Privacy Policy</p>

<p>Terms of Use</p>

<p>Return Policy</p>

<p>Discount Coupons</p>

</div>

<div class=*"col-md-3"*>

<h1>Company</h1>

<p>About Us</p>

<p>Contact Us</p>

<p>Career</p>

<p>Affiliate</p>

</div>

<div class=*"col-md-3"*>

<h1>Follow Us On</h1>

<p><i class=*"fab fa-facebook"*></i> Facebook</p>

<p><i class=*"fab fa-youtube"*></i> YouTube</p>

<p><i class=*"fab fa-linkedin"*></i> Linkedin</p>

<p><i class=*"fab fa-twitter-square"*></i> Twitter</p>

</div>

<div class=*"col-md-3 footer-image"*>

<h1>Download App</h1>

<img src=*"images/app-logo.png"*>

</div>

</div>

<hr>

<p class=*"copyright"*>@2020 <i class=*"fa fa-heart-o"*></i> All right reserved </p>

</div>

</section>

</body>

</html>

**login.jsp File**

When the client will click on login option, a login form will appear where client have to fill the username and password, which was created during registration. If the password or username will not match, it will show an error.

<html>

<head>

<link href=*"bootstrap/css/bootstrap.min.css"* rel=*"stylesheet"* type=*"text/css"*/>

<link href=*"css/style1.css"* rel=*"stylesheet"* type=*"text/css"*>

<link rel=*"stylesheet"* href=*"https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"*

integrity=*"sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"* crossorigin=*"anonymous"*>

</head>

<body>

<!--Start of Tawk.to Script-->

<script type=*"text/javascript"*>

**var** Tawk\_API=Tawk\_API||{}, Tawk\_LoadStart=**new** Date();

(**function**(){

**var** s1=document.createElement("script"),s0=document.getElementsByTagName("script")[0];

s1.async=**true**;

s1.src='https://embed.tawk.to/5e82709369e9320caabea3c7/default';

s1.charset='UTF-8';

s1.setAttribute('crossorigin','\*');

s0.parentNode.insertBefore(s1,s0);

})();

</script>

<!--End of Tawk.to Script-->

<header class=*"main-header"*>

<nav class=*"nav"*>

<ul>

<li><a href=*"services.jsp"*>HOME</a></li>

<li><a href=*"insert.jsp"*>POST</a></li>

<li><a href=*"about.jsp"*>ABOUT</a></li>

</ul>

<div class=*"register"*>

<a href=*"user.html"*>REGISTER |</a>

<a href=*"login.jsp"*>LOGIN</a>

</div>

</nav>

<h1 class=*"band-name band-name-large"*>Need Help?</h1>

</header>

<table cellpadding=*"10"* width=*"50%"* align=*"center"*

cellspacing=*"2"*>

<form action=*"LogInServlet"* method=*"post"*>

<tr>

<td colspan=*2*>

<center><font size=*5*><h1><b>LogIn Form</b></h1></font></center>

</td>

</tr>

<tr>

<td>Username</td>

<td><input type=*text* name=*"username"* id=*"username"* size=*"30"* required></td>

</tr>

<tr>

<td>Password</td>

<td><input type=*"password"* name=*"password"* id=*"password"*size=*"30"* required></td>

</tr>

<tr>

<tr>

<td><input type=*"reset"*style="background-color:*black*;color:*white*;" ></td>

<td colspan=*"2"*><input type=*"submit"* value=*"Login"* style="background-color:*black*;color:*white*;"required/></td>

</tr>

</table>

</form>

<section class=*"footer"*>

<div class=*"container tex-center"*>

<div class=*"row"*>

<div class=*"col-md-3"*>

<h1>Useful Links</h1>

<p>Privacy Policy</p>

<p>Terms of Use</p>

<p>Return Policy</p>

<p>Discount Coupons</p>

</div>

<div class=*"col-md-3"*>

<h1>Company</h1>

<p>About Us</p>

<p>Contact Us</p>

<p>Career</p>

<p>Affiliate</p>

</div>

<div class=*"col-md-3"*>

<h1>Follow Us On</h1>

<p><i class=*"fab fa-facebook"*></i> Facebook</p>

<p><i class=*"fab fa-youtube"*></i> YouTube</p>

<p><i class=*"fab fa-linkedin"*></i> Linkedin</p>

<p><i class=*"fab fa-twitter-square"*></i> Twitter</p>

</div>

<div class=*"col-md-3 footer-image"*>

<h1>Download App</h1>

<img src=*"images/app-logo.png"*>

</div>

</div>

<hr>

<p class=*"copyright"*>@2020 <i class=*"fa fa-heart-o"*></i> All right reserved </p>

</div>

</section>

</body>

</html>

**services.jsp File**

This file will show the services which are available on our website and which are going to coming soon, and have necessary information about the services. For each service, we have created a separate respected file which are shown further. This file contain links of that files respected to each service.

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@ page import=*"java.sql.\*"* %>

<%@ page import=*"java.sql.\*"* %>

<%@ page import=*"java.awt.image.BufferedImage"* %>

<%@ page import=*"java.io.File"* %>

<%@ page import=*"java.io.IOException"* %>

<%@ page import=*"java.io.PrintWriter"* %>

<%@ page import=*"javax.imageio.ImageIO"* %>

<%@ page import=*"javax.servlet.ServletException"* %>

<%@ page import=*"javax.servlet.http.Cookie"* %>

<%@ page import=*"javax.servlet.http.HttpServletRequest"*%>

<%@ page import=*"javax.servlet.http.HttpServletResponse"* %><!DOCTYPE html>

<html>

<head>

<title>NEED HELP? </title>

<meta name=*"description"* content=*"This is the description"*>

<link href=*"bootstrap/css/bootstrap.min.css"* rel=*"stylesheet"* type=*"text/css"*/>

<link rel=*"stylesheet"* href=*"css/style1.css"* />

<link href=*"https://fonts.googleapis.com/css?family=IBM+Plex+Sans"* rel=*"stylesheet"*>

<link rel=*"stylesheet"* href=*"https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css"*>

<link href=*"css/style2.css"* rel=*"stylesheet"* type=*"text/css"*>

<link rel=*"stylesheet"* href=*"https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"*

integrity=*"sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"* crossorigin=*"anonymous"*>

</head>

<body>

<!--Start of Tawk.to Script-->

<script type=*"text/javascript"*>

**var** Tawk\_API=Tawk\_API||{}, Tawk\_LoadStart=**new** Date();

(**function**(){

**var** s1=document.createElement("script"),s0=document.getElementsByTagName("script")[0];

s1.async=**true**;

s1.src='https://embed.tawk.to/5e82709369e9320caabea3c7/default';

s1.charset='UTF-8';

s1.setAttribute('crossorigin','\*');

s0.parentNode.insertBefore(s1,s0);

})();

</script>

<!--End of Tawk.to Script-->

<%

**if**(session.getAttribute("username")==**null**)

response.sendRedirect("login.jsp");

%>

<div class=*"login"*>

Welcome${username}

<a href=*"Logout"*>Logout</a>

</div>

<header class=*"main-header"*>

<nav class=*"nav"*>

<ul>

<li><a href=*"services.jsp"*>HOME</a></li>

<li><a href=*"insert.jsp"*>POST</a></li>

<li><a href=*"about.jsp"*>ABOUT</a></li>

</ul>

</nav>

<h1 class=*"band-name band-name-large"*>Need Help?</h1>

</header>

<!--feature categories-->

<br><br>

<div class=*"container"*>

<div class=*"jumbotron jumbotron\_style"*>

<h1>Welcome to our Need help? store!</h1>

<p> We have the best Tutors, Cleaners, Technicians and much more for you.No need to hunt it around,we have all in one

place.

</p>

</div>

</div>

<!----on sale products------>

<section class=*"on-sale"*>

<div class=*"container"*>

<div class=*"title-box"*>

<h2>SERVICES</h2>

</div>

<div class=*"row"*>

<div class=*"col-md-3"*>

<div class=*"product-top"*>

<a href=*"product.html"*><img src=*"images/1.jpg"*></a>

<div class=*"overlay-right"*>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Quick Shop"*>

<i class=*"fa fa-eye"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Wishlist"*>

<i class=*"fa fa-heart"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Cart"*>

<i class=*"fa fa-shopping-cart"*></i>

</button>

</div>

</div>

<div class=*"product-bottom text-center"*>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

</i>

<h3>Tutors</h3>

<td><a href=*"tuitor.jsp"*><button>More Info</button></a></td>

</div>

</div>

<div class=*"col-md-3"*>

<div class=*"product-top"*>

<a href=*"product.html"*><img src=*"images/cleaner.jpg"*></a>

<div class=*"overlay-right"*>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Quick Shop"*>

<i class=*"fa fa-eye"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Wishlist"*>

<i class=*"fa fa-heart"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Cart"*>

<i class=*"fa fa-shopping-cart"*></i>

</button>

</div>

</div>

<div class=*"product-bottom text-center"*>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star-half"*></i>

<h3>Cleaners</h3>

<a href=*"cleaner.jsp"*><button>More Info</button></a></td>

</div>

</div>

<div class=*"col-md-3"*>

<div class=*"product-top"*>

<a href=*"product.html"*><img src=*"images/food.jpg"*></a>

<div class=*"overlay-right"*>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Quick Shop"*>

<i class=*"fa fa-eye"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Wishlist"*>

<i class=*"fa fa-heart"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Cart"*>

<i class=*"fa fa-shopping-cart"*></i>

</button>

</div>

</div>

<div class=*"product-bottom text-center"*>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star-half"*></i>

<h3>Food or Catering</h3>

<a href=*"catering.jsp"*><button>More Info</button></a></td>

</div>

</div>

<div class=*"col-md-3"*>

<div class=*"product-top"*>

<a href=*"product.html"*><img src=*"images/photography.jpg"*></a>

<div class=*"overlay-right"*>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Quick Shop"*>

<i class=*"fa fa-eye"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Wishlist"*>

<i class=*"fa fa-heart"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Cart"*>

<i class=*"fa fa-shopping-cart"*></i>

</button>

</div>

</div>

<div class=*"product-bottom text-center"*>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star-half"*></i>

<h3>Photography</h3>

<a href=*"photography.jsp"*><button>More Info</button></a></td>

</div>

</div>

</div>

</div>

</section>

<!-- new produets -->

<section class=*"new-products"*>

<div class=*"container"*>

<div class=*"title-box"*>

<h2>New Arrivals</h2>

</div>

<div class=*"row"*>

<div class=*"col-md-3"*>

<div class=*"product-top"*>

<a href=*"product.html"*><img src=*"images/fitness.jpg"*></a>

<div class=*"overlay-right"*>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Quick Shop"*>

<i class=*"fa fa-eye"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Wishlist"*>

<i class=*"fa fa-heart"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Cart"*>

<i class=*"fa fa-shopping-cart"*></i>

</button>

</div>

</div>

<div class=*"product-bottom text-center"*>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star-half"*></i>

<h3>Fitness Trainer</h3>

<p>Coming Soon</p>

<button class=*"add-to-cart"*>More Info</button>

</div>

</div>

<div class=*"col-md-3"*>

<div class=*"product-top"*>

<a href=*"product.html"*><img src=*"images/childcare.jpg"*></a>

<div class=*"overlay-right"*>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Quick Shop"*>

<i class=*"fa fa-eye"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Wishlist"*>

<i class=*"fa fa-heart"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Cart"*>

<i class=*"fa fa-shopping-cart"*></i>

</button>

</div>

</div>

<div class=*"product-bottom text-center"*>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star-half"*></i>

<h3>Childcare or Nanny</h3>

<p>Coming Soon</p>

<button class=*"add-to-cart"*>More Info</button>

</div>

</div>

<div class=*"col-md-3"*>

<div class=*"product-top"*>

<a href=*"product.html"*><img src=*"images/mover.jpg"*></a>

<div class=*"overlay-right"*>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Quick Shop"*>

<i class=*"fa fa-eye"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Wishlist"*>

<i class=*"fa fa-heart"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Cart"*>

<i class=*"fa fa-shopping-cart"*></i>

</button>

</div>

</div>

<div class=*"product-bottom text-center"*>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star-half"*></i>

<h3>Moving Stuff</h3>

<p>Coming Soon</p>

<button class=*"add-to-cart"*>More Info</button>

</div>

</div>

<div class=*"col-md-3"*>

<div class=*"product-top"*>

<a href=*"product.html"*><img src=*"images/music.jpg"*></a>

<div class=*"overlay-right"*>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Quick Shop"*>

<i class=*"fa fa-eye"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Wishlist"*>

<i class=*"fa fa-heart"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Cart"*>

<i class=*"fa fa-shopping-cart"*></i>

</button>

</div>

</div>

<div class=*"product-bottom text-center"*>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star-half"*></i>

<h3>Music Lessons</h3>

<p>Coming Soon</p>

<button class=*"add-to-cart"*>More Info</button>

</div>

</div>

<section class=*"new-products"*>

<div class=*"container"*>

<div class=*"title-box"*>

<h2>New Arrivals</h2>

</div>

<div class=*"row"*>

<div class=*"col-md-3"*>

<div class=*"product-top"*>

<a href=*"product.html"*><img src=*"images/health.jpg"*></a>

<div class=*"overlay-right"*>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Quick Shop"*>

<i class=*"fa fa-eye"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Wishlist"*>

<i class=*"fa fa-heart"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Cart"*>

<i class=*"fa fa-shopping-cart"*></i>

</button>

</div>

</div>

<div class=*"product-bottom text-center"*>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star-half"*></i>

<h3>Health and Beauty</h3>

<p>Coming Soon</p>

<button class=*"add-to-cart"*>More Info</button>

</div>

</div>

<div class=*"col-md-3"*>

<div class=*"product-top"*>

<a href=*"product.html"*><img src=*"images/plumber.jpg"*></a>

<div class=*"overlay-right"*>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Quick Shop"*>

<i class=*"fa fa-eye"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Wishlist"*>

<i class=*"fa fa-heart"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Cart"*>

<i class=*"fa fa-shopping-cart"*></i>

</button>

</div>

</div>

<div class=*"product-bottom text-center"*>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star-half"*></i>

<h3>Plumber</h3>

<p>Coming Soon</p>

<button class=*"add-to-cart"*>More Info</button>

</div>

</div>

<div class=*"col-md-3"*>

<div class=*"product-top"*>

<a href=*"product.html"*><img src=*"images/wedding.jpg"*></a>

<div class=*"overlay-right"*>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Quick Shop"*>

<i class=*"fa fa-eye"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Wishlist"*>

<i class=*"fa fa-heart"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Cart"*>

<i class=*"fa fa-shopping-cart"*></i>

</button>

</div>

</div>

<div class=*"product-bottom text-center"*>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star-half"*></i>

<h3>Wedding</h3>

<p>Coming Soon</p>

<button class=*"add-to-cart"*>More Info</button>

</div>

</div>

<div class=*"col-md-3"*>

<div class=*"product-top"*>

<a href=*"product.html"*><img src=*"images/technical.jpg"*></a>

<div class=*"overlay-right"*>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Quick Shop"*>

<i class=*"fa fa-eye"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Wishlist"*>

<i class=*"fa fa-heart"*></i>

</button>

<button type=*"button"* class=*"btn btn-secondary"* title=*"Add to Cart"*>

<i class=*"fa fa-shopping-cart"*></i>

</button>

</div>

</div>

<div class=*"product-bottom text-center"*>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star"*></i>

<i class=*"fa fa-star-half"*></i>

<h3>Technical Services</h3>

<p>Coming Soon</p>

<button class=*"add-to-cart"*>More Info</button>

</div>

</div>

</div>

</div>

</section>

</section>

<!-- website feature section -->

<section class=*"footer"*>

<div class=*"container tex-center"*>

<div class=*"row"*>

<div class=*"col-md-3"*>

<h1>Useful Links</h1>

<p>Privacy Policy</p>

<p>Terms of Use</p>

<p>Return Policy</p>

<p>Discount Coupons</p>

</div>

<div class=*"col-md-3"*>

<h1>Company</h1>

<p>About Us</p>

<p>Contact Us</p>

<p>Career</p>

<p>Affiliate</p>

</div>

<div class=*"col-md-3"*>

<h1>Follow Us On</h1>

<p><i class=*"fab fa-facebook"*></i> Facebook</p>

<p><i class=*"fab fa-youtube"*></i> YouTube</p>

<p><i class=*"fab fa-linkedin"*></i> Linkedin</p>

<p><i class=*"fab fa-twitter-square"*></i> Twitter</p>

</div>

<div class=*"col-md-3 footer-image"*>

<h1>Download App</h1>

<img src=*"images/app-logo.png"*>

</div>

</div>

<hr>

<p class=*"copyright"*>@2020 <i class=*"fa fa-heart-o"*></i> All right reserved </p>

</div>

</section>

</body>

</html>

**cleaner.jsp File**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@ page import=*"java.sql.\*"* %>

<%@ page import=*"java.sql.\*"* %>

<%@ page import=*"java.awt.image.BufferedImage"* %>

<%@ page import=*"java.io.File"* %>

<%@ page import=*"java.io.IOException"* %>

<%@ page import=*"java.io.PrintWriter"* %>

<%@ page import=*"javax.imageio.ImageIO"* %>

<%@ page import=*"javax.servlet.ServletException"* %>

<%@ page import=*"javax.servlet.http.Cookie"* %>

<%@ page import=*"javax.servlet.http.HttpServletRequest"*%>

<%@ page import=*"javax.servlet.http.HttpServletResponse"* %><!DOCTYPE html>

<html>

<head>

<title>Need Help?</title>

<meta name=*"description"* content=*"This is the description"*>

<link href=*"bootstrap/css/bootstrap.min.css"* rel=*"stylesheet"* type=*"text/css"*/>

<link rel=*"stylesheet"* href=*"css/style1.css"* />

<link rel=*"stylesheet"* href=*"https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"*

integrity=*"sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"* crossorigin=*"anonymous"*>

</head>

<body>

<!--Start of Tawk.to Script-->

<script type=*"text/javascript"*>

**var** Tawk\_API=Tawk\_API||{}, Tawk\_LoadStart=**new** Date();

(**function**(){

**var** s1=document.createElement("script"),s0=document.getElementsByTagName("script")[0];

s1.async=**true**;

s1.src='https://embed.tawk.to/5e82709369e9320caabea3c7/default';

s1.charset='UTF-8';

s1.setAttribute('crossorigin','\*');

s0.parentNode.insertBefore(s1,s0);

})();

</script>

<!--End of Tawk.to Script-->

<%

**if**(session.getAttribute("username")==**null**)

response.sendRedirect("login.jsp");

%>

<div class=*"login"*>

Welcome${username}

<a href=*"Logout"*>Logout</a>

</div>

<header class=*"main-header"*>

<nav class=*"nav"*>

<ul>

<li><a href=*"services.jsp"*>HOME</a></li>

<li><a href=*"insert.jsp"*>POST</a></li>

<li><a href=*"about.jsp"*>ABOUT</a></li>

</ul>

</nav>

<h1 class=*"band-name band-name-large"*>Need Help?</h1>

</header>

<section class=*"container content-section"*>

<h2 class=*"section-header"*>Cleaners</h2>

<div class=*"shop-items"*>

<div class=*"shop-item"*>

<div class=*"boxed1"*>

<div class=*"job-title"*>

Bramlea Cleaners

</div>

<div class=*"job-description"*>

Professional cleaning services is a great investment for anyone who wants to take back a big chunk of their free time and still reap the benefits of a clean space. When you hire Busy B Maids¿s team of professional cleaners to mind the tidiness of your home and business, you can expect the highest quality cleans.

</div>

<div class=*"apply"*>Easily Apply</div>

<div class=*"contact"*>

905-789-5968

</div>

<div class=*"job-location"*>

Brampton,Ontario

</div>

<div class=*"update"*>

<Button style="color:*gren*">Edit</Button></a>

</edit>

</div>

<div class=*"delete"*>

<button class=*"btn btn-primary shop-item-button"* type=*"button"*>Delete</Button></a>

</div>

<div class=*"shop-item-details"*>

<span class=*"shop-item-price"*></span>

</div>

</div>

</div>

</div>

</section>

<section class=*"container content-section"*>

<div class=*"shop-items"*>

<div class=*"shop-item"*>

<div class=*"boxed1"*>

<div class=*"job-title"*>

RJ Cleaners

</div>

<div class=*"job-description"*>

Professional cleaning services is a great investment for anyone who wants to take back a big chunk of their free time and still reap the benefits of a clean space. When you hire Busy B Maids¿s team of professional cleaners to mind the tidiness of your home and business, you can expect the highest quality cleans.

</div>

<div class=*"apply"*>Easily Apply</div>

<div class=*"contact"*>

rj@yahoo.in

</div>

<div class=*"job-location"*>

Brampton,Ontario

</div>

<div class=*"update"*>

<Button style="color:*gren*">Edit</Button></a>

</edit>

</div>

<div class=*"delete"*>

<button class=*"btn btn-primary shop-item-button"* type=*"button"*>Delete</Button></a>

</div>

<div class=*"shop-item-details"*>

<span class=*"shop-item-price"*></span>

</div>

</div>

</div>

</div>

</section>

<%

response.setContentType("text/html");

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","lovejot","lovejot123");

PreparedStatement ps=conn.prepareStatement("select \* from job where category='Cleaner'");

ResultSet rs=ps.executeQuery();

**while**(rs.next())

{

String job\_id=rs.getString("id");

%>

<section class=*"container content-section"*>

<div class=*"shop-items"*>

<div class=*"shop-item"*>

<div class=*"boxed"*>

<div class=*"job-title"*>

<%=rs.getString("job\_title") %><br>

</div>

<div class=*"job-description"*>

<%=rs.getString("job\_description") %><br>

</div>

<div class=*"apply"*>Easily Apply</div>

<div class=*"contact"*>

<%=rs.getString("contact") %>

</div>

<div class=*"job-location"*>

<%=rs.getString("city") %>,<%=rs.getString("province") %>

</div>

<div class=*"update"*>

<a href=*"update.jsp?id=*<%=job\_id %>*"* ><Button style="color:*gren*">Edit</Button></a>

</edit>

</div>

<div class=*"delete"*>

<a href=*"delete.jsp?id=*<%=job\_id %>*"*> <button class=*"btn btn-primary shop-item-button"* type=*"button"*>Delete</Button></a>

</div>

<div class=*"shop-item-details"*>

<span class=*"shop-item-price"*></span>

</div>

</div>

</div>

</div>

</section>

<%

}

%>

<section class=*"footer"*>

<div class=*"container tex-center"*>

<div class=*"row"*>

<div class=*"col-md-3"*>

<h1>Useful Links</h1>

<p>Privacy Policy</p>

<p>Terms of Use</p>

<p>Return Policy</p>

<p>Discount Coupons</p>

</div>

<div class=*"col-md-3"*>

<h1>Company</h1>

<p>About Us</p>

<p>Contact Us</p>

<p>Career</p>

<p>Affiliate</p>

</div>

<div class=*"col-md-3"*>

<h1>Follow Us On</h1>

<p><i class=*"fab fa-facebook"*></i> Facebook</p>

<p><i class=*"fab fa-youtube"*></i> YouTube</p>

<p><i class=*"fab fa-linkedin"*></i> Linkedin</p>

<p><i class=*"fab fa-twitter-square"*></i> Twitter</p>

</div>

<div class=*"col-md-3 footer-image"*>

<h1>Download App</h1>

<img src=*"images/app-logo.png"*>

</div>

</div>

<hr>

<p class=*"copyright"*>@2020 <i class=*"fa fa-heart-o"*></i> All right reserved </p>

</div>

</section>

</body>

</html>

**photography.jsp File**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@ page import=*"java.sql.\*"* %>

<%@ page import=*"java.sql.\*"* %>

<%@ page import=*"java.awt.image.BufferedImage"* %>

<%@ page import=*"java.io.File"* %>

<%@ page import=*"java.io.IOException"* %>

<%@ page import=*"java.io.PrintWriter"* %>

<%@ page import=*"javax.imageio.ImageIO"* %>

<%@ page import=*"javax.servlet.ServletException"* %>

<%@ page import=*"javax.servlet.http.Cookie"* %>

<%@ page import=*"javax.servlet.http.HttpServletRequest"*%>

<%@ page import=*"javax.servlet.http.HttpServletResponse"* %><!DOCTYPE html>

<html>

<head>

<title>Need Help?</title>

<meta name=*"description"* content=*"This is the description"*>

<link href=*"bootstrap/css/bootstrap.min.css"* rel=*"stylesheet"* type=*"text/css"*/>

<link rel=*"stylesheet"* href=*"css/style1.css"* />

<link rel=*"stylesheet"* href=*"https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"*

integrity=*"sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"* crossorigin=*"anonymous"*>

</head>

<body>

<!--Start of Tawk.to Script-->

<script type=*"text/javascript"*>

**var** Tawk\_API=Tawk\_API||{}, Tawk\_LoadStart=**new** Date();

(**function**(){

**var** s1=document.createElement("script"),s0=document.getElementsByTagName("script")[0];

s1.async=**true**;

s1.src='https://embed.tawk.to/5e82709369e9320caabea3c7/default';

s1.charset='UTF-8';

s1.setAttribute('crossorigin','\*');

s0.parentNode.insertBefore(s1,s0);

})();

</script>

<!--End of Tawk.to Script-->

<%

**if**(session.getAttribute("username")==**null**)

response.sendRedirect("login.jsp");

%>

<div class=*"login"*>

Welcome${username}

<a href=*"Logout"*>Logout</a>

</div>

<header class=*"main-header"*>

<nav class=*"nav"*>

<ul>

<li><a href=*"services.jsp"*>HOME</a></li>

<li><a href=*"insert.jsp"*>POST</a></li>

<li><a href=*"about.jsps"*>ABOUT</a></li>

</ul>

</nav>

<h1 class=*"band-name band-name-large"*>Need Help?</h1>

</header>

<section class=*"container content-section"*>

<h2 class=*"section-header"*>Photography</h2>

<div class=*"shop-items"*>

<div class=*"shop-item"*>

<div class=*"boxed1"*>

<div class=*"job-title"*>

Mississauga Photographers

</div>

<div class=*"job-description"*>

Toronto Photographers is an award winning photo studio with best wedding photographers based in Brampton, Ontario. Born out of passion for photography, Pistu Studio has been providing wedding photography and videography services from over three decades. At Pistu Studio, we know that on your wedding day, every small thing is precious and meaningful

</div>

<div class=*"apply"*>Easily Apply</div>

<div class=*"contact"*>

missiphoto@gmail.com

</div>

<div class=*"job-location"*>

Toronto,Ontario

</div>

<div class=*"update"*>

<Button style="color:*gren*">Edit</Button></a>

</edit>

</div>

<div class=*"delete"*>

<button class=*"btn btn-primary shop-item-button"* type=*"button"*>Delete</Button></a>

</div>

<div class=*"shop-item-details"*>

<span class=*"shop-item-price"*></span>

</div>

</div>

</div>

</div>

</section>

<%

response.setContentType("text/html");

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","lovejot","lovejot123");

PreparedStatement ps=conn.prepareStatement("select \* from job where category='Photography'");

ResultSet rs=ps.executeQuery();

**while**(rs.next())

{

String job\_id=rs.getString("id");

%>

<section class=*"container content-section"*>

<div class=*"shop-items"*>

<div class=*"shop-item"*>

<div class=*"boxed"*>

<div class=*"job-title"*>

<%=rs.getString("job\_title") %><br>

</div>

<div class=*"job-description"*>

<%=rs.getString("job\_description") %><br>

</div>

<div class=*"apply"*>Easily Apply</div>

<div class=*"contact"*>

<%=rs.getString("contact") %>

</div>

<div class=*"job-location"*>

<%=rs.getString("city") %>,<%=rs.getString("province") %>

</div>

<div class=*"update"*>

<a href=*"update.jsp?id=*<%=job\_id %>*"* ><Button style="color:*gren*">Edit</Button></a>

</edit>

</div>

<div class=*"delete"*>

<a href=*"delete.jsp?id=*<%=job\_id %>*"*> <button class=*"btn btn-primary shop-item-button"* type=*"button"*>Delete</Button></a>

</div>

<div class=*"shop-item-details"*>

<span class=*"shop-item-price"*></span>

</div>

</div>

</div>

</div>

</section>

<%

}

%>

<section class=*"footer"*>

<div class=*"container tex-center"*>

<div class=*"row"*>

<div class=*"col-md-3"*>

<h1>Useful Links</h1>

<p>Privacy Policy</p>

<p>Terms of Use</p>

<p>Return Policy</p>

<p>Discount Coupons</p>

</div>

<div class=*"col-md-3"*>

<h1>Company</h1>

<p>About Us</p>

<p>Contact Us</p>

<p>Career</p>

<p>Affiliate</p>

</div>

<div class=*"col-md-3"*>

<h1>Follow Us On</h1>

<p><i class=*"fab fa-facebook"*></i> Facebook</p>

<p><i class=*"fab fa-youtube"*></i> YouTube</p>

<p><i class=*"fab fa-linkedin"*></i> Linkedin</p>

<p><i class=*"fab fa-twitter-square"*></i> Twitter</p>

</div>

<div class=*"col-md-3 footer-image"*>

<h1>Download App</h1>

<img src=*"images/app-logo.png"*>

</div>

</div>

<hr>

<p class=*"copyright"*>@2020 <i class=*"fa fa-heart-o"*></i> All right reserved </p>

</div>

</section>

</body>

</html>

**catering.jsp File**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@ page import=*"java.sql.\*"* %>

<%@ page import=*"java.sql.\*"* %>

<%@ page import=*"java.awt.image.BufferedImage"* %>

<%@ page import=*"java.io.File"* %>

<%@ page import=*"java.io.IOException"* %>

<%@ page import=*"java.io.PrintWriter"* %>

<%@ page import=*"javax.imageio.ImageIO"* %>

<%@ page import=*"javax.servlet.ServletException"* %>

<%@ page import=*"javax.servlet.http.Cookie"* %>

<%@ page import=*"javax.servlet.http.HttpServletRequest"*%>

<%@ page import=*"javax.servlet.http.HttpServletResponse"* %><!DOCTYPE html>

<html>

<head>

<title>Need Help?</title>

<meta name=*"description"* content=*"This is the description"*>

<link href=*"bootstrap/css/bootstrap.min.css"* rel=*"stylesheet"* type=*"text/css"*/>

<link rel=*"stylesheet"* href=*"css/style1.css"* />

<link rel=*"stylesheet"* href=*"https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"*

integrity=*"sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"* crossorigin=*"anonymous"*>

</head>

<body>

<!--Start of Tawk.to Script-->

<script type=*"text/javascript"*>

**var** Tawk\_API=Tawk\_API||{}, Tawk\_LoadStart=**new** Date();

(**function**(){

**var** s1=document.createElement("script"),s0=document.getElementsByTagName("script")[0];

s1.async=**true**;

s1.src='https://embed.tawk.to/5e82709369e9320caabea3c7/default';

s1.charset='UTF-8';

s1.setAttribute('crossorigin','\*');

s0.parentNode.insertBefore(s1,s0);

})();

</script>

<!--End of Tawk.to Script-->

<%

**if**(session.getAttribute("username")==**null**)

response.sendRedirect("login.jsp");

%>

<div class=*"login"*>

Welcome${username}

<a href=*"Logout"*>Logout</a>

</div>

<header class=*"main-header"*>

<nav class=*"nav"*>

<ul>

<li><a href=*"services.jsp"*>HOME</a></li>

<li><a href=*"insert.jsp"*>POST</a></li>

<li><a href=*"about.jsp"*>ABOUT</a></li>

</ul>

</nav>

<h1 class=*"band-name band-name-large"*>Need Help?</h1>

</header>

<section class=*"container content-section"*>

<h2 class=*"section-header"*>Catering</h2>

<div class=*"shop-items"*>

<div class=*"shop-item"*>

<div class=*"boxed1"*>

<div class=*"job-title"*>

Sweet Palace Catering

</div>

<div class=*"job-description"*>

Whether you are planning a wedding, birthday party or corporate event in Brampton, Mississauga or anywhere in the GTA, our experienced and creative team of designers and chefs will provide you with everything you need to produce a flawless event.

Blairs Catering handles every detail so that our clients may feel like guests at their own party.

</div>

<div class=*"apply"*>Easily Apply</div>

<div class=*"contact"*>

tkscatering@gmail.com

</div>

<div class=*"job-location"*>

Brampton,Ontario

</div>

<div class=*"update"*>

<Button style="color:*gren*">Edit</Button></a>

</edit>

</div>

<div class=*"delete"*>

<button class=*"btn btn-primary shop-item-button"* type=*"button"*>Delete</Button></a>

</div>

<div class=*"shop-item-details"*>

<span class=*"shop-item-price"*></span>

</div>

</div>

</div>

</div>

</section>

<section class=*"container content-section"*>

<div class=*"shop-items"*>

<div class=*"shop-item"*>

<div class=*"boxed1"*>

<div class=*"job-title"*>

Brar Catering

</div>

<div class=*"job-description"*>

Whether you are planning a wedding, birthday party or corporate event in Brampton, Mississauga or anywhere in the GTA, our experienced and creative team of designers and chefs will provide you with everything you need to produce a flawless event.

Blairs Catering handles every detail so that our clients may feel like guests at their own party.

</div>

<div class=*"apply"*>Easily Apply</div>

<div class=*"contact"*>

brarcatering@gmail.com

</div>

<div class=*"job-location"*>

Brampton,Ontario

</div>

<div class=*"update"*>

<Button style="color:*gren*">Edit</Button></a>

</edit>

</div>

<div class=*"delete"*>

<button class=*"btn btn-primary shop-item-button"* type=*"button"*>Delete</Button></a>

</div>

<div class=*"shop-item-details"*>

<span class=*"shop-item-price"*></span>

</div>

</div>

</div>

</div>

</section>

<%

response.setContentType("text/html");

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","lovejot","lovejot123");

PreparedStatement ps=conn.prepareStatement("select \* from job where category='Catering'");

ResultSet rs=ps.executeQuery();

**while**(rs.next())

{

String job\_id=rs.getString("id");

%>

<section class=*"container content-section"*>

<div class=*"shop-items"*>

<div class=*"shop-item"*>

<div class=*"boxed"*>

<div class=*"job-title"*>

<%=rs.getString("job\_title") %><br>

</div>

<div class=*"job-description"*>

<%=rs.getString("job\_description") %><br>

</div>

<div class=*"apply"*>Easily Apply</div>

<div class=*"contact"*>

<%=rs.getString("contact") %>

</div>

<div class=*"job-location"*>

<%=rs.getString("city") %>,<%=rs.getString("province") %>

</div>

<div class=*"update"*>

<a href=*"update.jsp?id=*<%=job\_id %>*"* ><Button style="color:*gren*">Edit</Button></a>

</edit>

</div>

<div class=*"delete"*>

<a href=*"delete.jsp?id=*<%=job\_id %>*"*> <button class=*"btn btn-primary shop-item-button"* type=*"button"*>Delete</Button></a>

</div>

<div class=*"shop-item-details"*>

<span class=*"shop-item-price"*></span>

</div>

</div>

</div>

</div>

</section>

<%

}

%>

<section class=*"footer"*>

<div class=*"container tex-center"*>

<div class=*"row"*>

<div class=*"col-md-3"*>

<h1>Useful Links</h1>

<p>Privacy Policy</p>

<p>Terms of Use</p>

<p>Return Policy</p>

<p>Discount Coupons</p>

</div>

<div class=*"col-md-3"*>

<h1>Company</h1>

<p>About Us</p>

<p>Contact Us</p>

<p>Career</p>

<p>Affiliate</p>

</div>

<div class=*"col-md-3"*>

<h1>Follow Us On</h1>

<p><i class=*"fab fa-facebook"*></i> Facebook</p>

<p><i class=*"fab fa-youtube"*></i> YouTube</p>

<p><i class=*"fab fa-linkedin"*></i> Linkedin</p>

<p><i class=*"fab fa-twitter-square"*></i> Twitter</p>

</div>

<div class=*"col-md-3 footer-image"*>

<h1>Download App</h1>

<img src=*"images/app-logo.png"*>

</div>

</div>

<hr>

<p class=*"copyright"*>@2020 <i class=*"fa fa-heart-o"*> </i>All right reserved</p>

</div>

</section>

</body>

</html>

**Tuitor.jsp File**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@ page import=*"java.sql.\*"* %>

<%@ page import=*"java.sql.\*"* %>

<%@ page import=*"java.awt.image.BufferedImage"* %>

<%@ page import=*"java.io.File"* %>

<%@ page import=*"java.io.IOException"* %>

<%@ page import=*"java.io.PrintWriter"* %>

<%@ page import=*"javax.imageio.ImageIO"* %>

<%@ page import=*"javax.servlet.ServletException"* %>

<%@ page import=*"javax.servlet.http.Cookie"* %>

<%@ page import=*"javax.servlet.http.HttpServletRequest"*%>

<%@ page import=*"javax.servlet.http.HttpServletResponse"* %><!DOCTYPE html>

<html>

<head>

<title>Need Help?</title>

<meta name=*"description"* content=*"This is the description"*>

<link href=*"bootstrap/css/bootstrap.min.css"* rel=*"stylesheet"* type=*"text/css"*/>

<link rel=*"stylesheet"* href=*"css/style1.css"* />

<link rel=*"stylesheet"* href=*"https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"*

integrity=*"sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"* crossorigin=*"anonymous"*>

</head>

<body>

<!--Start of Tawk.to Script-->

<script type=*"text/javascript"*>

**var** Tawk\_API=Tawk\_API||{}, Tawk\_LoadStart=**new** Date();

(**function**(){

**var** s1=document.createElement("script"),s0=document.getElementsByTagName("script")[0];

s1.async=**true**;

s1.src='https://embed.tawk.to/5e82709369e9320caabea3c7/default';

s1.charset='UTF-8';

s1.setAttribute('crossorigin','\*');

s0.parentNode.insertBefore(s1,s0);

})();

</script>

<!--End of Tawk.to Script-->

'

<%

**if**(session.getAttribute("username")==**null**)

response.sendRedirect("login.jsp");

%>

<div class=*"login"*>

Welcome${username}

<a href=*"Logout"*>Logout</a>

</div>

<header class=*"main-header"*>

<nav class=*"nav"*>

<ul>

<li><a href=*"services.jsp"*>HOME</a></li>

<li><a href=*"insert.jsp"*>POST</a></li>

<li><a href=*"about.jsp"*>ABOUT</a></li>

</ul>

</nav>

<h1 class=*"band-name band-name-large"*>Need Help?</h1>

</header>

<section class=*"container content-section"*>

<h2 class=*"section-header"*>TUTORS</h2>

<div class=*"shop-items"*>

<div class=*"shop-item"*>

<div class=*"boxed"*>

<div class=*"job-title"*>

Toronto Tutors

</div>

<div class=*"job-description"*>

Highly qualified ( Experienced Female Tutor ) is available for tutoring from grade one to High school . Home work help, IB/IBT/Sci -Tech and EQAO Test Preps, Math, Reading and Writing, Study Skills, Proven Results. Rates Starting from only $100/Month. Please call at 905-789-5968 for more information

<br>

</div>

<div class=*"apply"*>Easily Apply</div>

<div class=*"contact"*>

905-789-5968

</div>

<div class=*"job-location"*>

Toronto,Ontario

</div>

<div class=*"update"*>

<Button style="color:*gren*">Edit</Button></a>

</edit>

</div>

<div class=*"delete"*>

<button class=*"btn btn-primary shop-item-button"* type=*"button"*>Delete</Button></a>

</div>

<div class=*"shop-item-details"*>

<span class=*"shop-item-price"*></span>

</div>

</div>

</div>

</div>

</section>

<section class=*"container content-section"*>

<div class=*"shop-items"*>

<div class=*"shop-item"*>

<div class=*"boxed"*>

<div class=*"job-title"*>

Montreal Tutors

</div>

<div class=*"job-description"*>

Highly qualified ( Experienced Female Tutor ) is available for tutoring from grade one to High school . Home work help, IB/IBT/Sci -Tech and EQAO Test Preps, Math, Reading and Writing, Study Skills, Proven Results. Rates Starting from only $100/Month. Please call at 905-789-5968 for more information

<br>

</div>

<div class=*"apply"*>Easily Apply</div>

<div class=*"contact"*>

456-090-8790

</div>

<div class=*"job-location"*>

Montreal, Quebec

</div>

<div class=*"update"*>

<Button style="color:*gren*">Edit</Button></a>

</edit>

</div>

<div class=*"delete"*>

<button class=*"btn btn-primary shop-item-button"* type=*"button"*>Delete</Button></a>

</div>

<div class=*"shop-item-details"*>

<span class=*"shop-item-price"*></span>

</div>

</div>

</div>

</div>

</section>

<%

response.setContentType("text/html");

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","lovejot","lovejot123");

PreparedStatement ps=conn.prepareStatement("select \* from job where category\_name='Tuitor'");

ResultSet rs=ps.executeQuery();

**while**(rs.next())

{

String id=rs.getString("id");

%>

<section class=*"container content-section"*>

<div class=*"shop-items"*>

<div class=*"shop-item"*>

<div class=*"boxed"*>

<div class=*"job-title"*>

<%=rs.getString("job\_title") %><br>

</div>

<div class=*"job-description"*>

<%=rs.getString("job\_description") %><br>

</div>

<div class=*"apply"*>Easily Apply</div>

<div class=*"contact"*>

<%=rs.getString("contact") %>

</div>

<div class=*"job-location"*>

<%=rs.getString("city") %>,<%=rs.getString("province") %>

</div>

<div class=*"update"*>

<a href=*"update.jsp?id=*<%=id %>*"* ><Button style="color:*gren*">Edit</Button></a>

</edit>

</div>

<div class=*"delete"*>

<a href=*"delete.jsp?id=*<%=id %>*"*> <button class=*"btn btn-primary shop-item-button"* type=*"button"*>Delete</Button></a>

</div>

<div class=*"shop-item-details"*>

<span class=*"shop-item-price"*></span>

</div>

</div>

</div>

</div>

</section>

<%

}

%>

<section class=*"footer"*>

<div class=*"container tex-center"*>

<div class=*"row"*>

<div class=*"col-md-3"*>

<h1>Useful Links</h1>

<p>Privacy Policy</p>

<p>Terms of Use</p>

<p>Return Policy</p>

<p>Discount Coupons</p>

</div>

<div class=*"col-md-3"*>

<h1>Company</h1>

<p>About Us</p>

<p>Contact Us</p>

<p>Career</p>

<p>Affiliate</p>

</div>

<div class=*"col-md-3"*>

<h1>Follow Us On</h1>

<p><i class=*"fab fa-facebook"*></i> Facebook</p>

<p><i class=*"fab fa-youtube"*></i> YouTube</p>

<p><i class=*"fab fa-linkedin"*></i> Linkedin</p>

<p><i class=*"fab fa-twitter-square"*></i> Twitter</p>

</div>

<div class=*"col-md-3 footer-image"*>

<h1>Download App</h1>

<img src=*"images/app-logo.png"*>

</div>

</div>

<hr>

<p class=*"copyright"*>@2020 <i class=*"fa fa-heart-o"*></i> All right reserved </p>

</div>

</section>

</body>

</html>

**SERVLETS**

Then we have created a package named project under the java resources folder of our project. We have created all our servlets under this package whose coding is shown below.

**LoginServlet.java**

This servlet will help to login. When the client will login with registered account, it will show welcome message with username. But it will give error, if user will not be registered before.

package project;

package project;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

/\*\*

\* Servlet implementation class LogInServlet

\*/

@WebServlet("/LogInServlet")

public class LogInServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public LogInServlet() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

// TODO Auto-generated method stub

response.getWriter().append("Served at: ").append(request.getContextPath());

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

try{

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","lovejot","lovejot123");

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

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

String query="select password from users where username=?";

PreparedStatement st=con.prepareStatement(query);

st.setString(1,username);

ResultSet rs=st.executeQuery();

if(rs.next())

{

if(rs.getString(1).equalsIgnoreCase(password)){

HttpSession session=request.getSession();

out.println("Welcome"+username);

session.setAttribute("username", username );

response.sendRedirect("services.jsp");

}

else

{

out.println("Invalid Password");

RequestDispatcher rd=request.getRequestDispatcher("/login.jsp");

rd.include(request,response);

}

}

else{

out.println("invalid username");

RequestDispatcher rd=request.getRequestDispatcher("/login.jsp");

rd.include(request,response);

}

}

catch(ClassNotFoundException e){

e.printStackTrace();

}

catch(SQLException e){

e.printStackTrace();

}

}

}

**UserServlet.java**

This servlet is used for registration. It will register the clients after filling necessary information.

**package project;**

**import java.io.IOException;**

**import java.io.PrintWriter;**

**import java.sql.Connection;**

**import java.sql.DriverManager;**

**import java.sql.PreparedStatement;**

**import javax.servlet.ServletException;**

**import javax.servlet.annotation.WebServlet;**

**import javax.servlet.http.HttpServlet;**

**import javax.servlet.http.HttpServletRequest;**

**import javax.servlet.http.HttpServletResponse;**

**//Servlet Name**

**@WebServlet("/UserServlet")**

**public class UserServlet extends HttpServlet {**

**private static final long serialVersionUID = 1L;**

**public UserServlet() {**

**super();**

**// TODO Auto-generated constructor stub**

**}**

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

**// Set the response message's MIME type**

**response.setContentType("text/html");**

**//Allocate a output writer to write the response message into the network socket**

**// Get a writer pointer**

**// to display the successful result**

**PrintWriter out = response.getWriter();**

**//For the first parameter,**

**//get the data using request object**

**String first\_name=request.getParameter("first\_name");**

**String last\_name=request.getParameter("last\_name");**

**String username=request.getParameter("username");**

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

**String address=request.getParameter("address");**

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

**try{**

**Class.forName("oracle.jdbc.driver.OracleDriver");**

**//Get a connection from the DriverManager**

**//Initialize the database**

**Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","lovejot","lovejot123");**

**// Create a SQL query to insert data into demo table**

**// demo table consists of two columns, so twelve '?' is used**

**PreparedStatement ps=con.prepareStatement(**

**"insert into users values(id.nextval,?,?,?,?,?,?)");**

**// sets the data to ps pointer**

**ps.setString(1,first\_name);**

**ps.setString(2,last\_name);**

**ps.setString(3,username);**

**ps.setString(4,password);**

**ps.setString(5,address);**

**ps.setString(6,email);**

**int i=ps.executeUpdate();**

**if(i>0)**

**out.print("You are successfully registered...");**

**}catch (Exception e2) {System.out.println(e2);}**

**out.close();**

**}**

**}**

**InsertServlet.java**

This servlet is used to insert the respected values, when client will post any job.

package project;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

//Servlet Name

@WebServlet("/InsertServlet")

public class InsertServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

public InsertServlet() {

super();

// TODO Auto-generated constructor stub

}

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

// Set the response message's MIME type

response.setContentType("text/html");

//Allocate a output writer to write the response message into the network socket

// Get a writer pointer

// to display the successful result

PrintWriter out = response.getWriter();

//For the first parameter,

//get the data using request object

String job\_title=request.getParameter("job\_title");

String job\_description=request.getParameter("job\_description");

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

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

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

String category\_name=request.getParameter("category\_name");

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

try{

Class.forName("oracle.jdbc.driver.OracleDriver");

//Get a connection from the DriverManager

//Initialize the database

Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","lovejot","lovejot123");

// Create a SQL query to insert data into demo table

// demo table consists of two columns, so twelve '?' is used

PreparedStatement ps=con.prepareStatement(

"insert into job values(id.nextval,?,?,?,?,?,?,?)");

// sets the data to ps pointer

ps.setString(1,job\_title);

ps.setString(2,job\_description);

ps.setString(3,contact);

ps.setString(4,city);

ps.setString(5,province);

ps.setString(6,category\_name);

ps.setString(7,username);

;

int i=ps.executeUpdate();

if(i>0)

out.print("You are successfully registered...");

}catch (Exception e2) {System.out.println(e2);}

out.close();

}

}

**Logout.java**

**package** project;

**import** java.io.IOException;

**import** javax.servlet.ServletException;

**import** javax.servlet.annotation.WebServlet;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** javax.servlet.http.HttpSession;

/\*\*

\* Servlet implementation class Logout

\*/

@WebServlet("/Logout")

**public** **class** Logout **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** Logout() {

**super**();

// **TODO** Auto-generated constructor stub

}

/\*\*

\* **@see** HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

HttpSession session= request.getSession();

session.removeAttribute("username");

session.invalidate();

response.sendRedirect("login.jsp");

}

}

**FUNCTIONAL REQUIREMENTS**

**User**

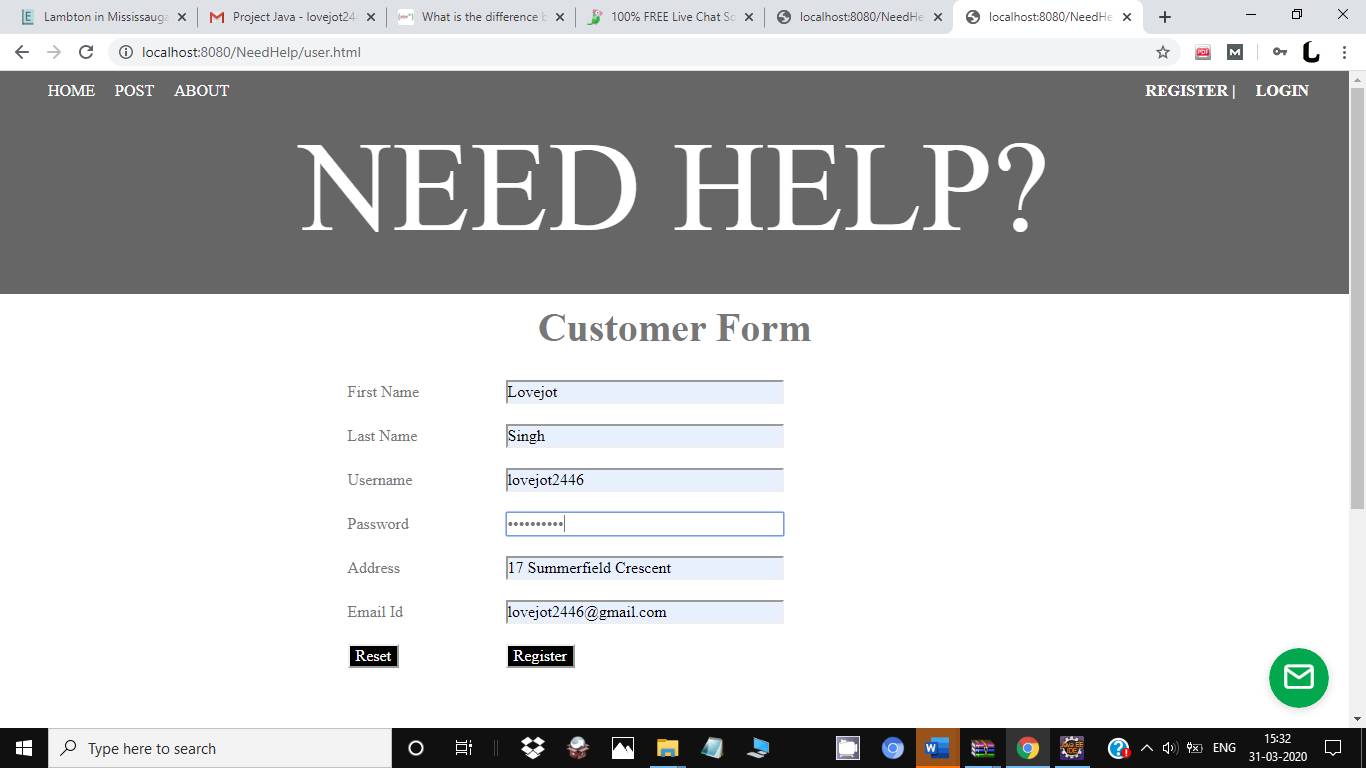
* Can login
* Can add, view, edit and delete job postings
* Can logout

**FRONT END AND BACK END**

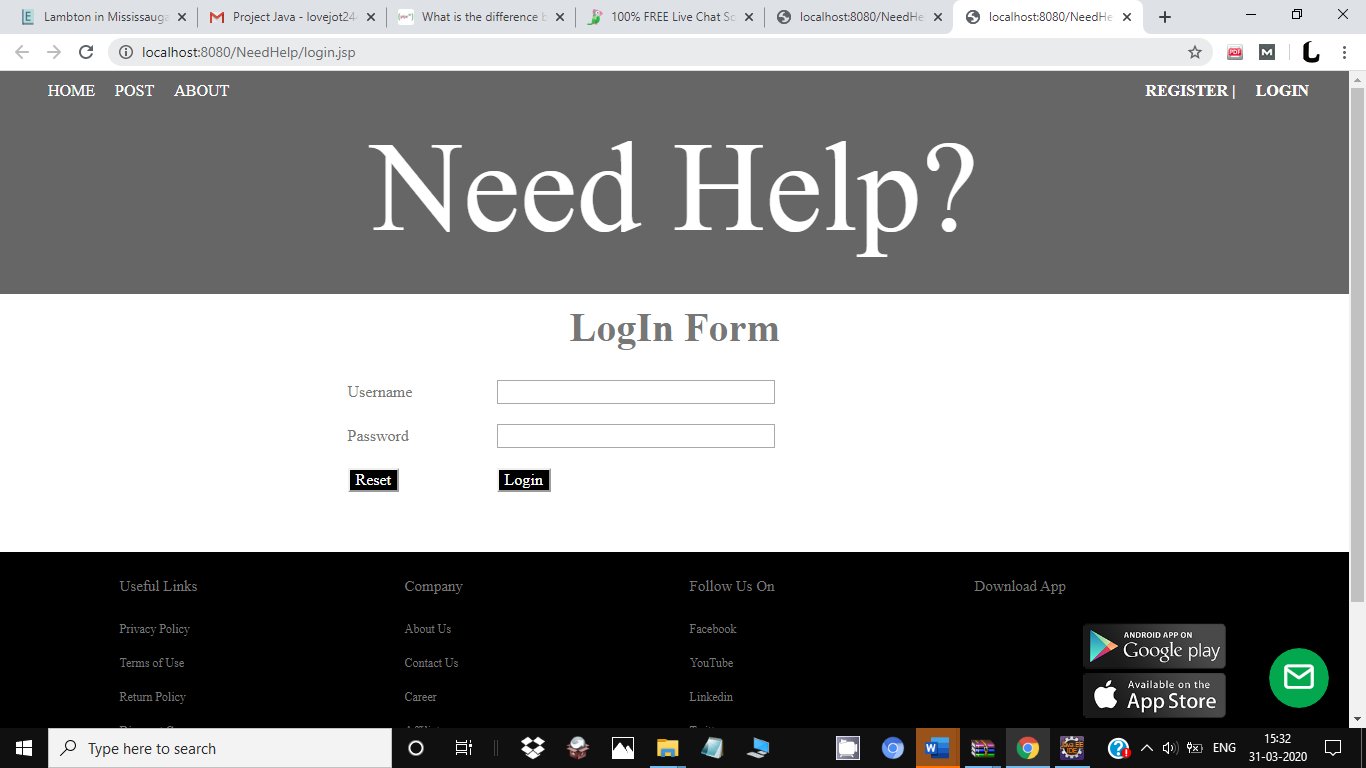
* **Front End:** Servlet with html5, JSP, CSS3 and bootstrap
* **Back End:** Oracle 11g

**OUTPUT SCREENSHORTS**

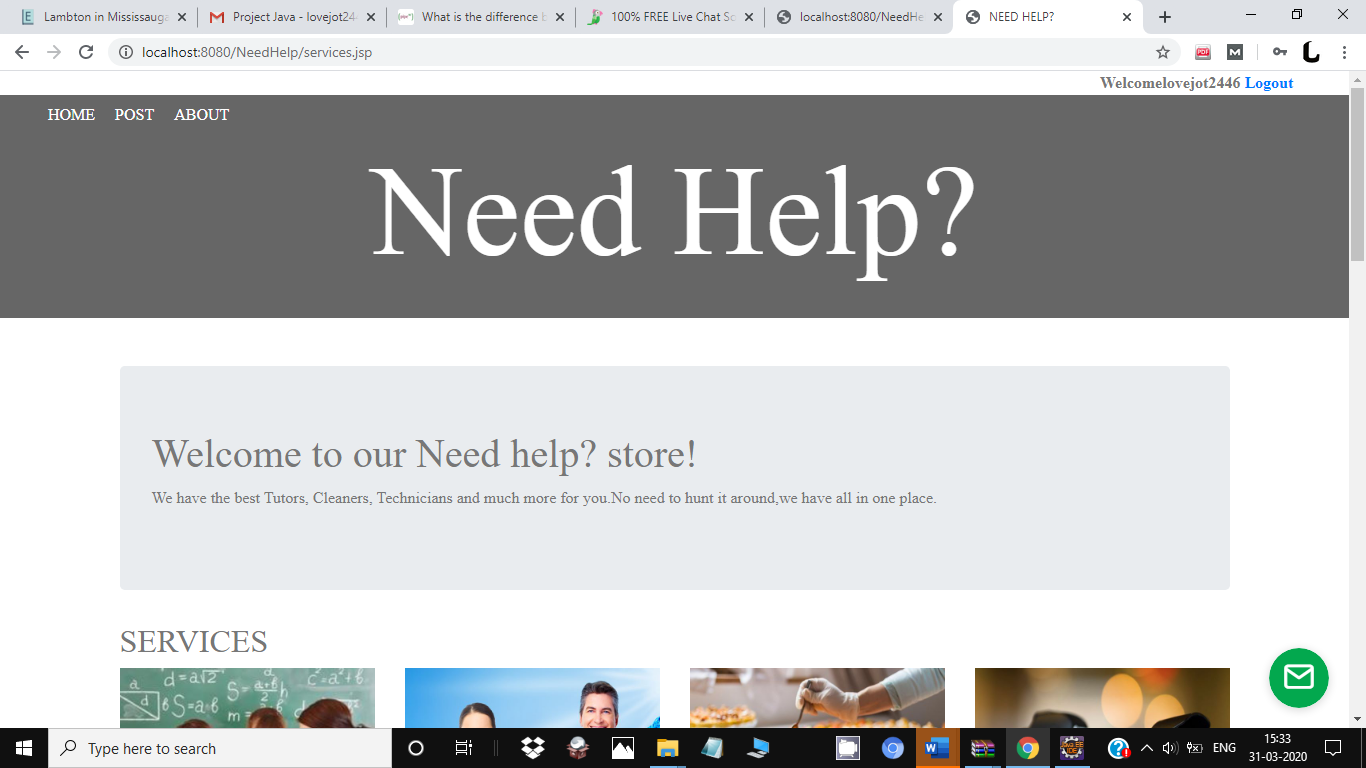
**Register:** When client will click register option in the navigation bar, it will show the following screen, where client will have to fill the necessary information. Client must have to register before in order to post any job or to edit it or delete it.

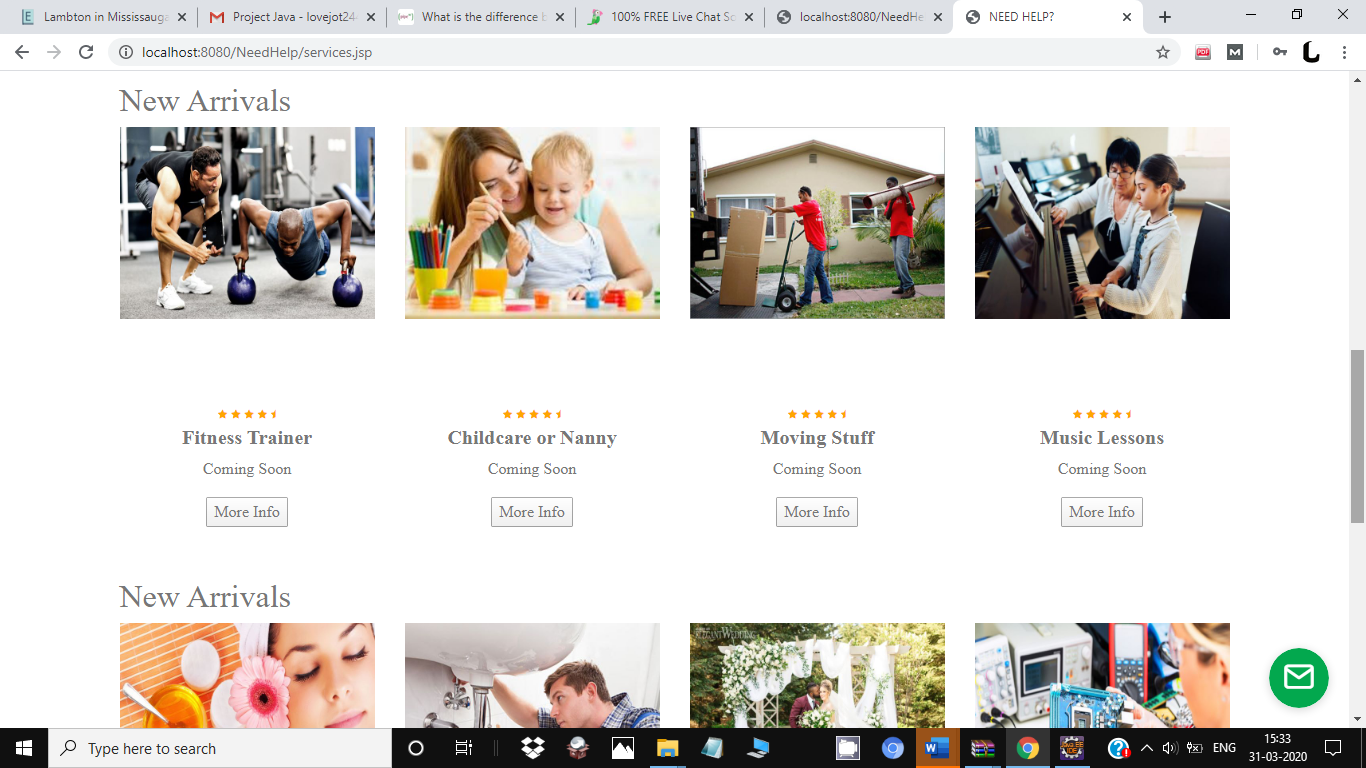
****

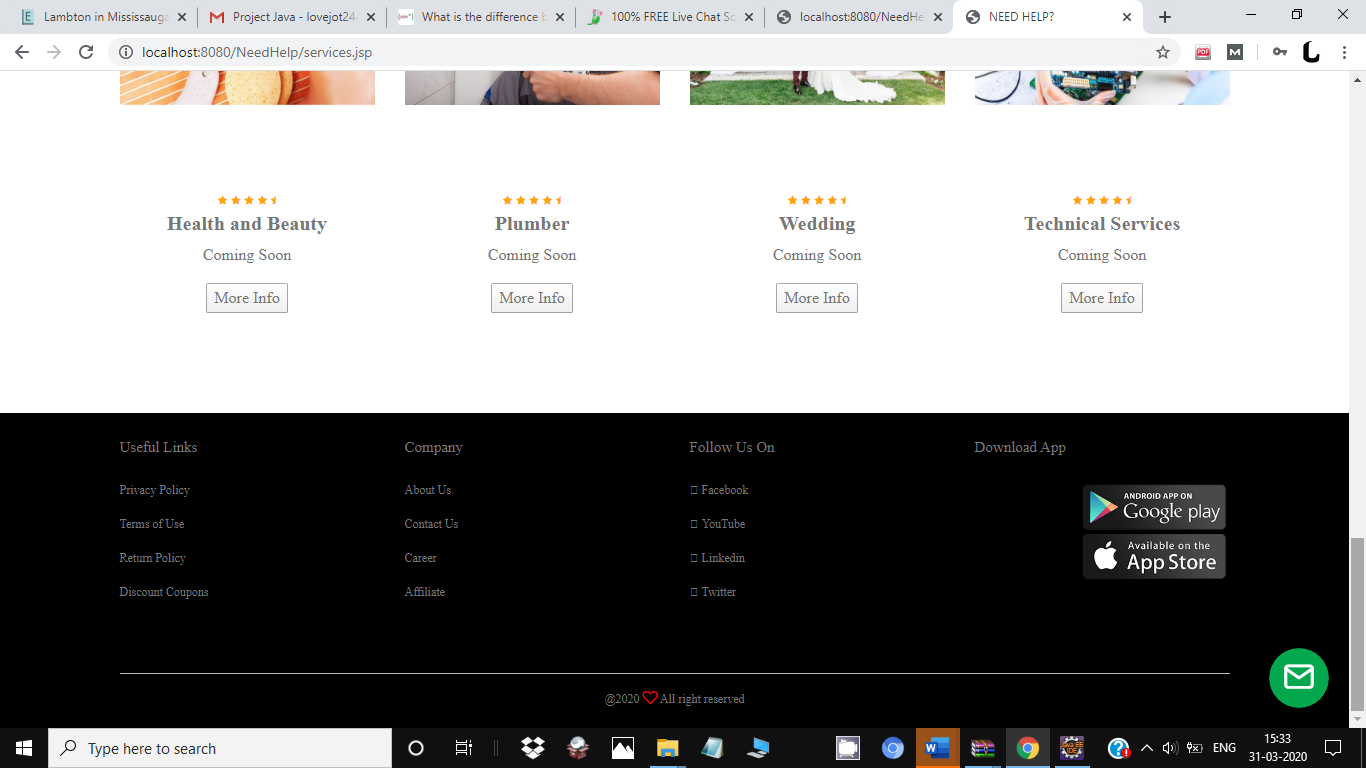
**Login:** After registering, client can easily login to the website and will show error if the password created during registration do not matches.

****

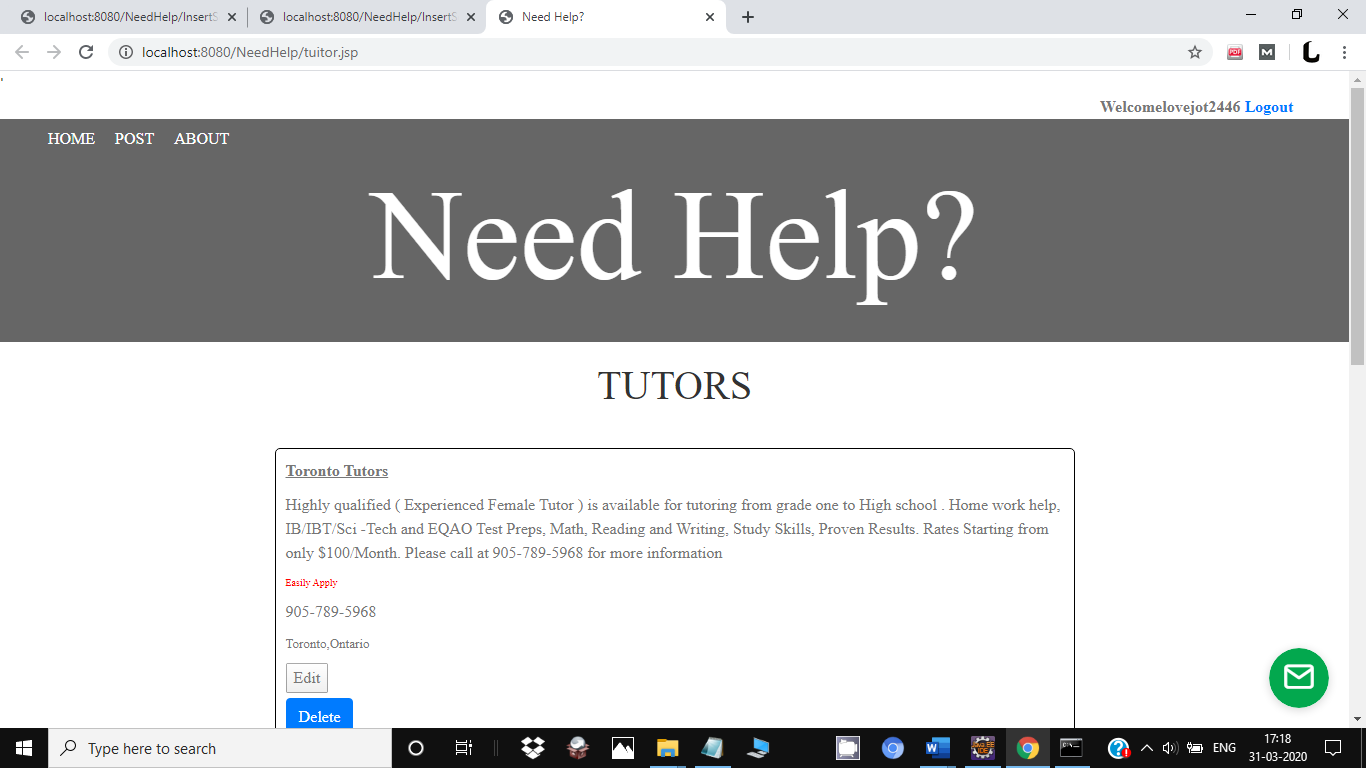
**Home Page:**  It contains all the services which are provided by our company.

****

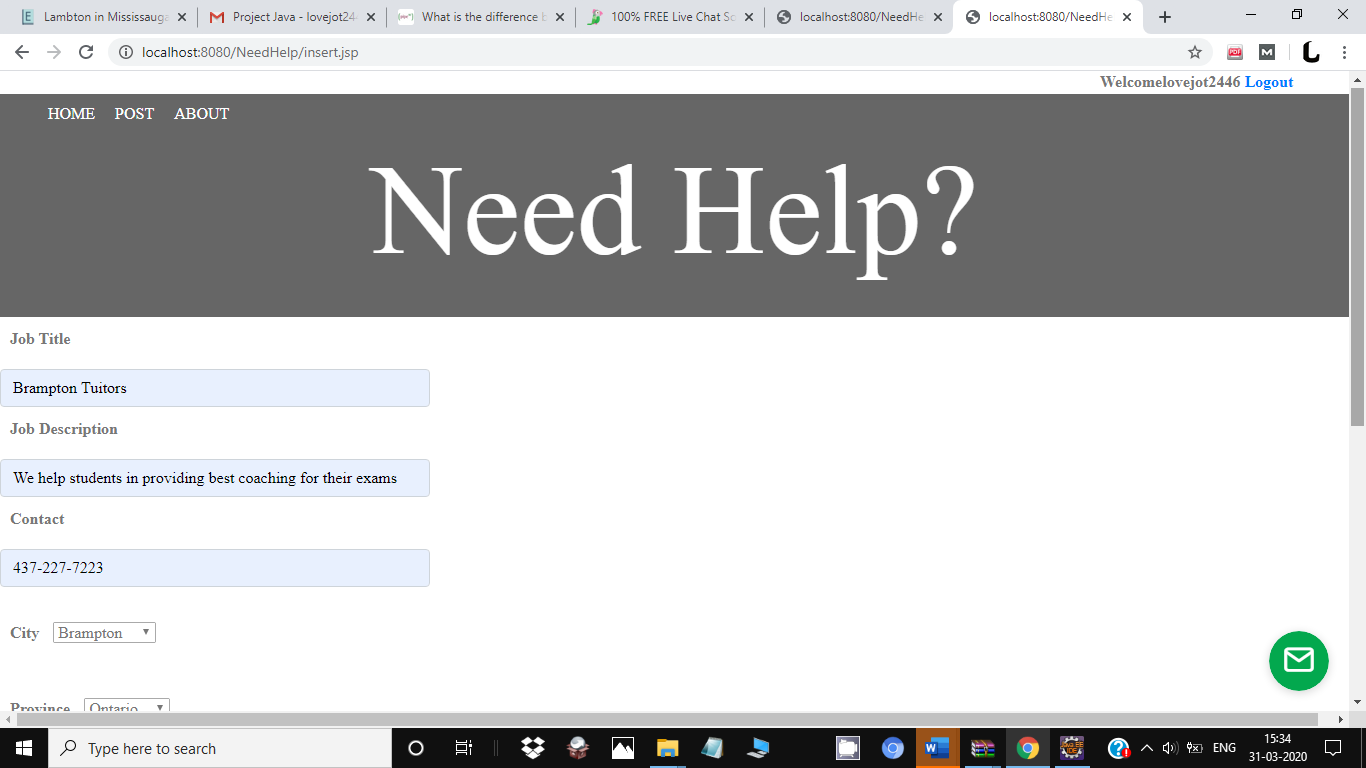
****

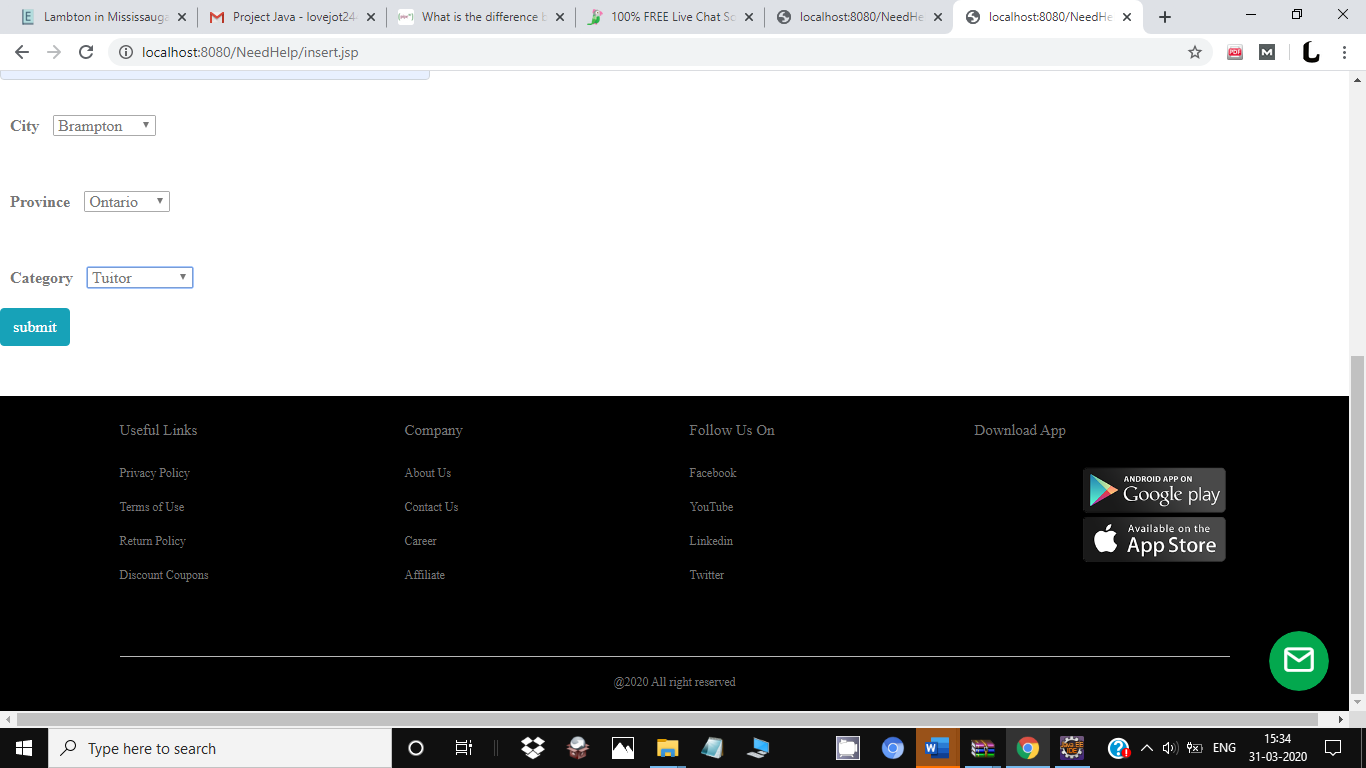
****

**More Info:** When client will click on more info, they will get brief information regarding the service.

****

**Post:** When client will click on post option from the navigation bar, client have to login first, then there will be a form where client will have to fill the information regarding the job.

****

****

**About:** About option in the navigation bar, gives the brief information regarding our company.

****