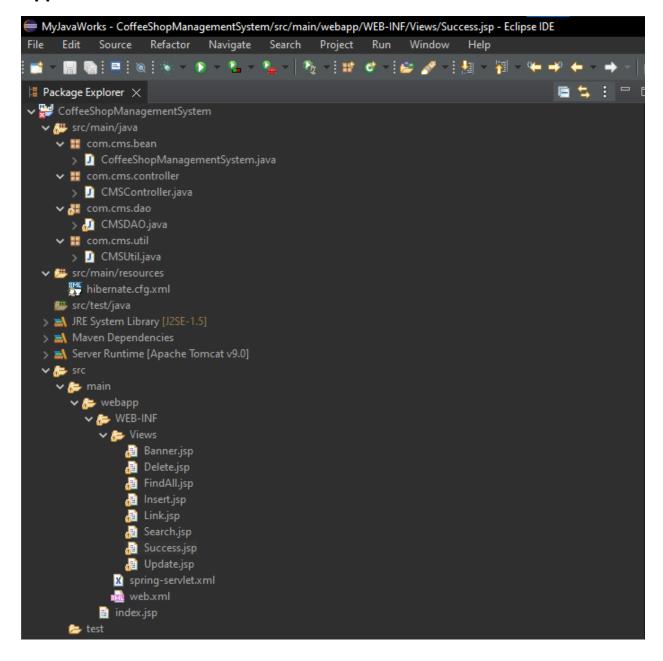
Balasubramanyam - 12117

Coffee Shop Management System

Applications:



Com.cms.bean:

```
package com.cms.bean;
import javax.persistence.Entity;
import javax.persistence.Id;
import javax.persistence.Table;
@Entity
@Table
public class CoffeeShopManagementSystem {
@Id
private int id;
private String ShopName;
private String Address;
private String PhoneNo;
private String Email;
private float Rating;
private String Proprietor ;
public CoffeeShopManagementSystem() {
super();
public CoffeeShopManagementSystem(int id, String shopName, String
address, String phoneNo, String email,
float rating, String proprietor) {
super();
this.id = id;
ShopName = shopName;
Address = address;
PhoneNo = phoneNo;
Email = email;
Rating = rating;
Proprietor = proprietor;}
public int getid() {
return id;
public void setid(int id) {
this.id = id;
public String getShopName() {
return ShopName;
public void setShopName(String shopName) {
ShopName = shopName;
public String getAddress() {
```

```
return Address;
public void setAddress(String address) {
Address = address;
public String getPhoneNo() {
return PhoneNo;
public void setPhoneNo(String phoneNo) {
PhoneNo = phoneNo;
public String getEmail() {
return Email;
public void setEmail(String email) {
Email = email;
public float getRating() {
return Rating;
public void setRating(float rating) {
Rating = rating;
public String getProprietor() {
return Proprietor;
public void setProprietor(String proprietor) {
Proprietor = proprietor;
@Override
public String toString() {
return "CoffeeShopManagementSystem = > ShopID: " + id + ", ShopName: "
+ ShopName + ", Address: " + Address
+ ", PhoneNo: " + PhoneNo + ", Email: " + Email + ", Rating: " + Rating
+ ", Proprietor: " + Proprietor;
}}
```

Com.cms.controller:

```
package com.cms.controller;
```

```
import java.util.List;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Controller;
import org.springframework.web.bind.annotation.ModelAttribute;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.servlet.ModelAndView;
import com.cms.bean.*;
import com.cms.dao.CMSDAO;
@Controller
public class CMSController {
@Autowired
CMSDAO dao:
@RequestMapping("Banner")
public ModelAndView loadbanner() {
ModelAndView mv = new ModelAndView("Banner");
return mv;
@RequestMapping("Link")
public ModelAndView loadlink() {
ModelAndView mv = new ModelAndView("Link");
return mv;
@RequestMapping("Insert")
public ModelAndView loadinsert() {
ModelAndView mv = new ModelAndView("Insert");
return mv;
@RequestMapping("Insertion")
public ModelAndView doInsert(@ModelAttribute("bean")
CoffeeShopManagementSystem c) {
dao.insert(c);
ModelAndView mv = new ModelAndView("Success");
mv.addObject("res", "Insert");
mv.addObject("bean", c);
return mv;
@RequestMapping("Delete")
public ModelAndView loadDelete() {
```

```
List<Integer> list = dao.idList();
ModelAndView mv = new ModelAndView("Delete");
mv.addObject("idList", list);
return mv;
@RequestMapping("Deletion")
public ModelAndView doDelete(@ModelAttribute("bean")
CoffeeShopManagementSystem c) {
dao.delete(c);
ModelAndView mv = new ModelAndView("Success");
mv.addObject("res","Delete");
mv.addObject("bean", c);
return mv;
@RequestMapping("Update")
public ModelAndView loadUpdate() {
List<Integer> list = dao.idList();
ModelAndView mv = new ModelAndView("Update");
mv.addObject("idList", list);
return mv;
@RequestMapping("Updation")
public ModelAndView doUpdate(@ModelAttribute("bean")
CoffeeShopManagementSystem c) {
dao.update(c);
ModelAndView mv = new ModelAndView("Success");
mv.addObject("res", "Update");
mv.addObject("bean", c);
return mv;
@RequestMapping("Search")
public ModelAndView loadFindHotel() {
List<Integer> list = dao.idList();
ModelAndView mv = new ModelAndView("Search");
mv.addObject("idList1", list);
return mv;
@RequestMapping("Find")
```

```
public ModelAndView doFind(@ModelAttribute("bean")
CoffeeShopManagementSystem c) {
CoffeeShopManagementSystem bean1 = dao.find(c);
ModelAndView mv = new ModelAndView("Success");
mv.addObject("res", "Search");
mv.addObject("bean", bean1);
return mv;
}

@RequestMapping("SearchAll")
public ModelAndView doFindAll() {
List<CoffeeShopManagementSystem> list = dao.findall();
ModelAndView mv = new ModelAndView("Success");
mv.addObject("res", "FindAll");
mv.addObject("beanlist", list);
return mv;
}
}
```

Com.cms.dao:

```
package com.cms.dao;
import java.util.List;
import org.hibernate.Session;
import org.hibernate.Transaction;
import org.hibernate.query.Query;
import com.cms.bean.*;
import com.cms.util.*;
public class CMSDAO {
  public int insert(CoffeeShopManagementSystem c) {
   int n = 0;
  try {
    Session session = CMSUtil.opensession();
```

```
Transaction t = session.beginTransaction();
n = (Integer) session.save(c);
t.commit();
} catch (Exception e) {
e.printStackTrace();
return n;
public List<Integer> idList(){
 Session session = CMSUtil.opensession();
Transaction transaction = session.beginTransaction();
 Query query = session.createQuery("select id from
CoffeeShopManagementSystem");
 List<Integer> list = query.list();
 session.close();
 return list;
public void delete(CoffeeShopManagementSystem c) {
Session session = CMSUtil.opensession();
Transaction t = (Transaction) session.beginTransaction();
session.delete(c);
t.commit();
session.close();
public void update(CoffeeShopManagementSystem c) {
Session session = CMSUtil.opensession();
Transaction t = (Transaction) session.beginTransaction();
session.update(c);
t.commit();
session.close();
public CoffeeShopManagementSystem find(CoffeeShopManagementSystem c) {
Session session = CMSUtil.opensession();
Transaction t = (Transaction) session.beginTransaction();
CoffeeShopManagementSystem c1 =
session.find(CoffeeShopManagementSystem.class, c.getid());
t.commit();
session.close();
```

```
return c1;
}
@SuppressWarnings("unchecked")
public List<CoffeeShopManagementSystem> findall() {
Session session = CMSUtil.opensession();
List<CoffeeShopManagementSystem> c = session.createQuery("from CoffeeShopManagementSystem").list();
session.close();
return c;
}
}
```

Com.cms.utill:

```
package com.cms.util;
import org.hibernate.Session;
import org.hibernate.SessionFactory;
import org.hibernate.cfg.Configuration;
public class CMSUtil {
  public static Session opensession() {
    Configuration cfg = new Configuration().configure("hibernate.cfg.xml");
        SessionFactory factory = cfg.buildSessionFactory();
        Session session = factory.openSession();
    return session;}}
```

Index.jsp:

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

```
<body>
<iframe src="Banner" width="100%" height="60px" style="border: none; "
></iframe>
<iframe src="Link" width="100%" height="60px" style="border: none;"
></iframe>
<iframe src="Insert" width="100%" height="480px" name="operation"
style="border: none;"></iframe>
</body>
</html>
```

Banner.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"</pre>
pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
link
in.css" rel="stylesheet" integrity="sha384-
T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN"
crossorigin="anonymous">
<style>
#title{
margin-top:2px;
body{background-color: rqb(0, 128, 128); font-family: Arial Black; font-
text:bold;}
</style>
</head>
<body>
<div class="text-center" id="title"><h1>Coffee Shop Management
System</h1></div>
</body>
</html>
```

Insert.jsp:

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

```
pageEncoding="ISO-8859-1"%>
<%@taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
<%@ page isELIgnored="false" %>
<!DOCTYPE html>
<html>
<meta charset="ISO-8859-1">
<title>Insert Page</title>
link
in.css" rel="stylesheet" integrity="sha384-
T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN"
crossorigin="anonymous">
<style type="text/css">
body{
background-color: rqb(143, 188, 143);
background-size: cover;
font-size: 16px;
margin-left: 20%;
margin-top: 20px;
font-weight: bold;
margin-right: 20%;
td{
padding: 10px 14px;
</style>
</head>
<body>
<div class="card">
<div class="card-header bg-success text-center"><h5>Insert Coffee Shop
Management System Details: </h5></div>
<div class="card-body " style="background-color:orange" >
<form action="Insertion" method="post" modelAttribute="bean">
<center>
autocomplete="off" placeholder="Enter ShopID "/> 
Enter ShopName <input type="text" name="ShopName"</td>
```

```
Enter Address <input type="text" name="Address"</td>
autocomplete="off" placeholder="Address "/>
autocomplete="off" placeholder="Enter PhoneNo "/>_
Enter E-mail <input type="text" name="Email"</td>
autocomplete="off" placeholder="Enter Email"/> 
Enter Rating <input type="text" name="Rating"</td>
autocomplete="off" placeholder="Enter Rating "/>
Enter Proprietor <input type="text" name="Proprietor"</td>
autocomplete="off" placeholder="Enter Proprietor "/>
<input type="submit"</pre>
class="btn btn-success btn-md" name="button" value="Insert"/>
</center>
</form>
</div>
</div>
</body>
</html>
```

Delete.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<%@taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
<%@ page isELIgnored="false" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Delete Page</title>
```

```
link
in.css" rel="stylesheet" integrity="sha384-
T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN"
crossorigin="anonymous">
<style type="text/css">
body{
background-color:rgb(143, 188, 143);
background-size: cover;
font-size: 16px;
margin-left: 20%;
margin-top: 45px;
font-weight: bold;
margin-right: 20%;
td{
padding: 10px 14px;
</style>
</head>
<body >
<div class="card">
<div class="card-header bg-success text-center"><h5>Enter the Coffee
Shop Management System ShopID to Delete : </h5></div>
<div class="card-body" style="background-color:orange">
<form action="Deletion" method="post" modelAttribute="bean">
<center>
Enter Id <select name="id"><c:forEach</td>
items="${idList}" var="id"><option>${id}</option>
</c:forEach>
</select> 
<input type="submit"</pre>
class="btn btn-danger btn-md" name="button" value="Delete"/> 
</center>
</form>
</div>
</div>
</body>
```

Update.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"</pre>
pageEncoding="ISO-8859-1"%>
<%@taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
<%@ page isELIgnored="false" %>
<!DOCTYPE html>
<html>
<meta charset="ISO-8859-1">
<title>Update Page</title>
link
in.css" rel="stylesheet" integrity="sha384-
T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN"
crossorigin="anonymous">
<style type="text/css">
body{
background-color:rgb(143, 188, 143);
background-size: cover;
font-size: 16px;
margin-left: 20%;
margin-top: 20px;
font-weight: bold;
margin-right: 20%;
td{
padding: 10px 14px;
</style>
<body>
<div class="card">
<div class="card-header bg-success text-center"><h5>Update Coffee Shop
Management System Details:</h5></div>
<div class="card-body" style="background-color:orange">
<form action="Updation" method="post" modelAttribute="bean">
<center>
```

```
Enter Shop Id <select name="id"><c:forEach</td>
items="${idList}" var="id"><option>${id}</option>
</c:forEach>
</select><input class="btn btn-success btn-md" type='submit'</pre>
value='Fetch' name="button"/> 
Enter ShopName <input type="text" name="ShopName"</td>
autocomplete="off" placeholder="Enter ShopName"/> 
Enter Address <input type="text" name="Address"</td>
autocomplete="off" placeholder="Address "/>
autocomplete="off" placeholder="Enter PhoneNo "/> 
Enter E-mail <input type="text" name="Email"</td>
autocomplete="off" placeholder="Enter Email"/> 
Enter Rating <input type="text" name="Rating"</td>
autocomplete="off" placeholder="Enter Rating "/>
Enter Proprietor <input type="text" name="Proprietor"</td>
autocomplete="off" placeholder="Enter Proprietor "/>
<input type="submit"</pre>
class="btn btn-primary btn-md" name="button" value="Update"/>
</center>
</form>
</body>
</html>
```

Search.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<%@taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
<%@ page isELIgnored="false" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Search Page</title>
link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN"
crossorigin="anonymous">
```

```
<style type="text/css">
body{
background-color: rgb(143, 188, 143);
background-size: cover;
font-size: 16px;
margin-left: 20%;
margin-top: 45px;
font-weight: bold;
margin-right: 20%;
td{
padding: 10px 14px;
</style>
</head>
<body>
<div class="card " >
<div class="card-header bg-success text-center"><h5>Enter the
CoffeeShop Management System Id's to Search : </h5></div>
<div class="card-body " style="background-color:orange">
<form action="Find" method="post" modelAttribute="bean">
<center>
Enter Shop Id's <select name="id"><c:forEach</td>
items="${idList1}" var="id"><option>${id}</option>
</c:forEach>
</select> 
<input type="submit" class="btn btn-</pre>
primary btn-md" name="button" value="Find"/> 
</center>
</form>
</div>
</div>
</body>
</html>
```

SearchAll.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"</pre>
pageEncoding="ISO-8859-1"%>
<%@taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
<%@ page isELIgnored="false" %>
<!DOCTYPE html>
<html>
<meta charset="ISO-8859-1">
<title>Search Page</title>
link
in.css" rel="stylesheet" integrity="sha384-
T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN"
crossorigin="anonymous">
<style type="text/css">
body{
background-color: rgb(143, 188, 143);
background-repeat: no-repeat;
background-size: 100% 100%;
background-size: cover;
font-size: 16px;
margin-left: 20%;
margin-bottom: 20px;
font-weight: bold;
margin-right: 20%;
td{
padding: 10px 14px;
</style>
<body>
</body>
</html>
```

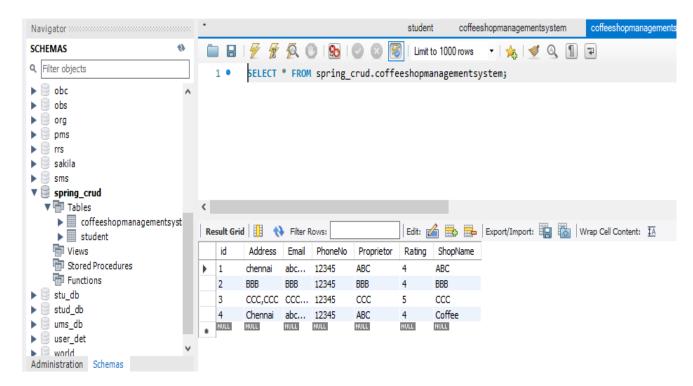
Success.jsp:

```
<%@page import="java.util.ArrayList"%>
<%@page import="java.util.List"%>
<%@page import="com.cms.bean.CoffeeShopManagementSystem"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"</pre>
```

```
pageEncoding="ISO-8859-1"%>
<%@ page isELIgnored="false" %>
<!DOCTYPE html>
<html>
<meta http-equiv="Content-Type" content="text/html;charset=UTF-8">
<title>Success page</title>
</head>
<body>
<%
String action = request.getAttribute("res").toString();
if(action.equals("Insert")){
%>
<%@include file="Insert.jsp" %>
<br><div class="card bg-success card-body text-center"><h4>Inserted
Successfully</h4></div>
<%
else if(action.equals("Delete")){
<%@include file="Delete.jsp" %>
<br/>
<br/>
div class="card bg-success card-body text-center"><h4>ID
${bean.id} is Deleted Successfully</h4></div>
}else if(action.equals("Update")){
%>
<%@include file="Update.jsp" %>
<br/>
<br/>
div class="card bg-success card-body text-center"><h4>Updated
Successfully</h4></div>
<%
}else if(action.equals("Search")){
<%@include file="Search.jsp" %>
CoffeeShopManagementSystem c =
(CoffeeShopManagementSystem)request.getAttribute("bean");
%>
<%="<br><div class=\"card card-body \">
color:rgb(143, 188, 143);font-
```

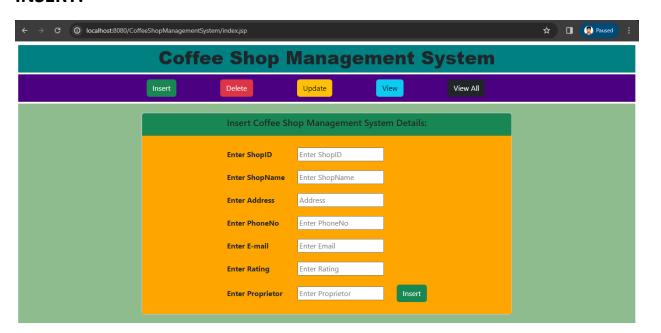
```
weight:bold\">IDShopNameAddressEmail</td
>PhoneNoRatingProprietor "%>
<%="<tr>"+c.getid()+""+c.getShopName()+""+c.getAd
+c.getRating()+""+c.getProprietor()+"</div>"
%>
<%
}else if(action.equals("FindAll")){
<%@include file="FindAll.jsp" %>
ArrayList<CoffeeShopManagementSystem> list =
(ArrayList<CoffeeShopManagementSystem>)request.getAttribute("beanlist")
<%="<br><div class=\"card text-center card-body \"><h4>No Of Record :
"+list.size()+"</h4>" %>
<%="<br>
weight:bold\">IDShopNameAddressEmail
>PhoneNoRatingProprietor "%>
<%
for(CoffeeShopManagementSystem c : list){
<%="<tr>"+c.getid()+""+c.getShopName()+""+c.getAd
+c.getRating()+""+c.getProprietor()+"" %>
<%} %>
<%="</table></div>" %>
<%
%>
</body>
</html>
```

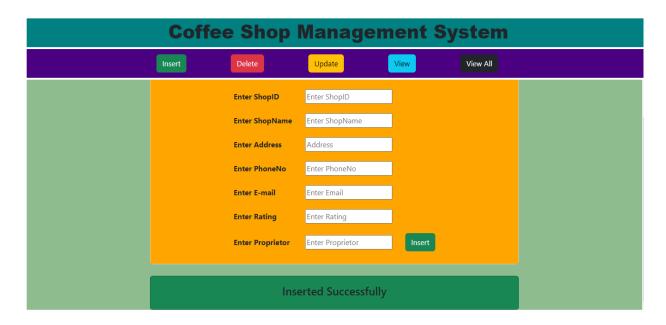
Database:



CRUD OPERATION:

INSERT:





Inserted Successfully

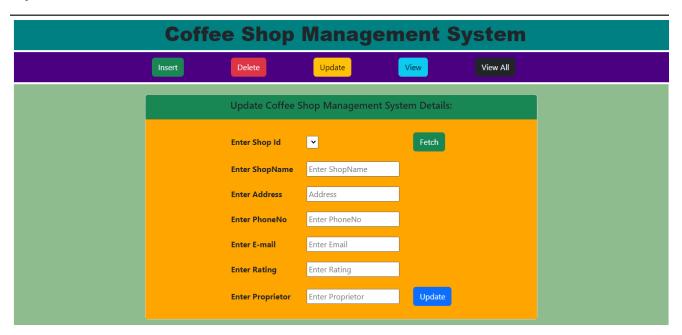
Delete:





Deleted Successfully

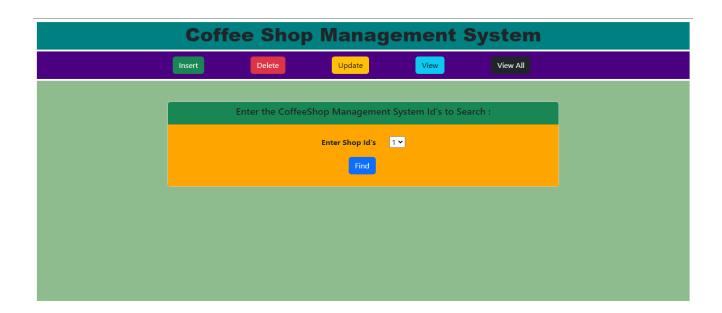
Update:

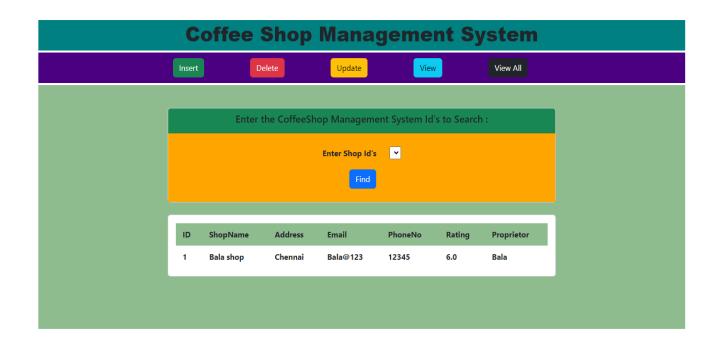




Updated Successfully

View:





View All:

