**CURD OPERATION IN MVC**

@{

Layout = null;

}

<!DOCTYPE html>

<html>

<head>

<meta name="viewport" content="width=device-width" />

<title>Index</title>

<style>

#first {

height:20px;

width:70px;

float:left;

line-height:20px;

border:1px solid red;

font-size:18px;

color:red;

}

#second {

height:20px;

width:70px;

float:left;

line-height:20px;

border:1px solid red;

font-size:18px;

color:red;

}

</style>

</head>

<body>

<form action="/Home/Index" method="post">

<table>

<tr>

<td>Enter Name</td>

<td><input type="text" name="EMP\_NAME" /></td>

</tr>

<tr>

<td>Enter City</td>

<td><input type="text" name="EMP\_CITY" /></td>

</tr>

<tr>

<td>Enter AGE</td>

<td><input type="text" name="EMP\_AGE" /></td>

</tr>

<tr>

<td>Enter Salary</td>

<td><input type="text" name="EMP\_SALARY" /></td>

</tr>

<tr>

<td><input type="submit" value="Save Record" name="insert" /></td>

</tr>

</table>

</form>

<div>

<div id="first">

Create

</div>

<div id="second">

<a href="/Home/Index">Display</a>

</div>

<div id="third">

</div>

<div id="fourth">

@{

if(ViewBag.tab!="")

{

@Html.Raw(ViewBag.tab )

}

}

</div>

</div>

</body>

</html>

**Home controller**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.Mvc;

using ENTITYFRAMEWORKDEMO.Models;

namespace ENTITYFRAMEWORKDEMO.Controllers

{

public class HomeController : Controller

{

//

// GET: /Home/

//create DataBase Object as Global

ENTITYDATABASEEntities db = new ENTITYDATABASEEntities();

public ActionResult Index()

{

List<TBL\_EMP> Lst = db.TBL\_EMP.ToList();

string table = "<table><tr style='background:orange;color:white;font-size:20px;text-align:center;font-weight:bold;'><th>Emplyee Id</th><th>Emplyee Name</th><th>Emplyee City</th><th>Emplyee Age</th><th>Salary</th><th>Delete</th><th>Update</th><th>Details</th></tr>";

for (int i = 0; i < Lst.Count; i++)

{

table += "<tr style='background:red;color:white;font-size:20px;text-align:center;font-weight:bold;'><td>" + Lst[i].EMP\_ID + "</td><td>" + Lst[i].EMP\_NAME + "</td><td>" + Lst[i].EMP\_CITY + "</td><td>" + Lst[i].EMP\_AGE + "</td><td>" + Lst[i].EMP\_SALARY + "</td><td><a href='/Home/Delete?empid=" + Lst[i].EMP\_ID + "'>Delete</a></td><td><a href='/home/updatepage?update="+Lst[i].EMP\_ID+"'>Update</a></td><td><a href='/Home/Details?dt="+Lst[i].EMP\_ID+"'>Details</a></td></tr>";

}

table += "</table>";

ViewBag.tab = table;

return View();

}

[HttpPost]

public ActionResult Index(TBL\_EMP emp)

{

db.TBL\_EMP.Add(emp);

db.SaveChanges();

Response.Write("<script>alert('Records saved into database ');</script>");

Response.Redirect("/Home/Index");

return View();

}

public ActionResult Delete()

{

int id = int.Parse(Request.QueryString["empid"].ToString());

//var del = new TBL\_EMP { EMP\_ID = id };

// db.TBL\_EMP.Attach(del);

TBL\_EMP emp = db.TBL\_EMP.SingleOrDefault(a => a.EMP\_ID == id);

db.TBL\_EMP.Remove(emp);

db.SaveChanges();

Response.Write("<script>alert('Record deleted ')</script>");

Response.Redirect("/Home/Index");

return View();

}

public ActionResult Details()

{

int id = int.Parse(Request.QueryString["dt"].ToString());

TBL\_EMP emp = db.TBL\_EMP.SingleOrDefault(a => a.EMP\_ID == id);

return View(emp);

}

[HttpGet]

public ActionResult updatepage()

{

int id = int.Parse(Request.QueryString["update"].ToString());

TBL\_EMP emp = db.TBL\_EMP.SingleOrDefault(a => a.EMP\_ID == id);

return View(emp);

}

[HttpPost]

public ActionResult updatepage(TBL\_EMP emp)

{

//int id = int.Parse(Request.QueryString["update"].ToString());

TBL\_EMP em = db.TBL\_EMP.First(x => x.EMP\_ID == emp.EMP\_ID);

em.EMP\_NAME = emp.EMP\_NAME;

em.EMP\_SALARY = emp.EMP\_SALARY;

em.EMP\_AGE = emp.EMP\_AGE;

em.EMP\_CITY = emp.EMP\_CITY;

db.SaveChanges();

Response.Redirect("/home/index");

return View();

}

}

}

**Details**

@{

Layout = null;

}

<!DOCTYPE html>

@using ENTITYFRAMEWORKDEMO.Models

@model TBL\_EMP

<html>

<head>

<meta name="viewport" content="width=device-width" />

<title>Details</title>

</head>

<body>

<div>

<table>

<tr>

<td>Employee Name</td>

<td>

<input type="text" value="@Model.EMP\_NAME" readonly="true"/>

</td>

<td>Emplyee City</td>

<td>

<input type="text" value="@Model.EMP\_CITY" />

</td>

<td>Employee Age</td>

<td>

<input type="text" value="@Model.EMP\_AGE" />

</td>

<td>Salary</td>

<td>

<input type="text" value="@Model.EMP\_SALARY" />

</td>

</tr>

</table>

</div>

</body>

</html>

<!DOCTYPE html>

**UPDRADE**

@using ENTITYFRAMEWORKDEMO.Models

@model TBL\_EMP

<html>

<head>

<meta name="viewport" content="width=device-width" />

<title>updatepage</title>

</head>

<body>

<div>

<form action="/home/updatepage" method="post">

<table>

<tr><td>Emp Id</td><td><input type="text" name="emp\_id" value="@Model.EMP\_ID" readonly="true" /></td></tr>

<tr><td>Name</td><td><input type="text" name="emp\_name" value="@Model.EMP\_NAME" /></td></tr>

<tr><td>Age</td><td><input type="text" name="emp\_city" value="@Model.EMP\_CITY"/></td></tr>

<tr><td>City</td><td><input type="text" name="emp\_age" value="@Model.EMP\_AGE" /></td></tr>

<tr><td>Salary</td><td><input type="text" name="emp\_salary" value="@Model.EMP\_SALARY"/></td></tr>

<tr><td><input type="submit" /></td></tr>

</table>

</form>

</div>

</body>

</html>

**Delete separately using LAMBDA EXPRESSION**

public ActionResult Delete()

{

int id = int.Parse(Request.QueryString["empid"].ToString());

//var del = new TBL\_EMP { EMP\_ID = id };

// db.TBL\_EMP.Attach(del);

TBL\_EMP emp = db.TBL\_EMP.SingleOrDefault(a => a.EMP\_ID == id);

db.TBL\_EMP.Remove(emp);

db.SaveChanges();

Response.Write("<script>alert('Record deleted ')</script>");

Response.Redirect("/Home/Index");

return View();

}