**Connection String in Web Config**

<connectionStrings>

<add name="CURDdemoDB" connectionString="data source=.; initial catalog=CURDdemoDB;User Id=sa;Password=sa123;" providerName="System.Data.SqlClient" />

</connectionStrings>

**Common Getway or Model for DLL**

private static string connectionString = WebConfigurationManager.ConnectionStrings["CURDdemoDB"].ConnectionString;

public static SqlConnection connection;

public static SqlCommand command;

static CommonGateway()

{

connection = new SqlConnection(connectionString);

}

**BLL**

public class DepartmentBLL:CommonGateway

{

public string SaveDepartmentInfo(Department department)

{

string Message = String.Empty;

command = new SqlCommand("uspSaveDepartmentInfo", connection);

command.CommandType = CommandType.StoredProcedure;

command.Parameters.AddWithValue("DepartmentName", department.DepartmentName);

command.Parameters.AddWithValue("DepartmentCode", department.DepartmentCode);

connection.Open();

int RowAffected = command.ExecuteNonQuery();

if (RowAffected > 0)

{

Message = "Save Sucessfull.";

}

else

{

Message = "Failed";

}

connection.Close();

return Message;

}

public List<Department> GellAllDepartmentList()

{

command = new SqlCommand("uspGellAllDepartmentList", connection);

command.CommandType = CommandType.StoredProcedure;

connection.Open();

SqlDataReader dataReader = command.ExecuteReader();

List<Department> listOfDepartment=new List<Department>();

Department department;

if (dataReader.HasRows)

{

while (dataReader.Read())

{

department=new Department();

department.DeptId = Convert.ToInt32(dataReader["DeptId"].ToString());

department.DepartmentName = dataReader["DepartmentName"].ToString();

department.DepartmentCode = dataReader["DepartmentCode"].ToString();

listOfDepartment.Add(department);

}

}

connection.Close();

return listOfDepartment;

}

}

**Controller**

DepartmentBLL departmentBll=new DepartmentBLL();

public ActionResult IndexForWebGrid()

{

List<Department> departments = departmentBll.GellAllDepartmentList();

return View(departments);

}

public ActionResult Index()

{

List<Department> departments = departmentBll.GellAllDepartmentList();

ViewBag.Department = departments;

return View();

}

[HttpGet]

public ActionResult Save()

{

return View();

}

[HttpPost]

public ActionResult SaveDepartmentInfo(Department department)

{

if (ModelState.IsValid)

{

string m = departmentBll.SaveDepartmentInfo(department);

}

//departmentBll.SaveDepartmentInfo(department);

return RedirectToAction("Index", "Department");

}

**Index with Table**

@model CURDdemo.Models.Department

@{

ViewBag.Title = "Department";

Layout = "~/Views/Shared/\_Layout.cshtml";

}

<h2>Department Informations</h2>

<div>

@Html.ActionLink("Add New Department","Save")

<br/>

<a href="~/Department/Save"> Create New</a>

<br/>

<h3 style="color: red">Showing List of Data Using ViewBag</h3>

<table class="table table-bordered table-responsive table-hover">

<tr>

<th>Dept Id </th>

<th>Department Name </th>

<th>Department Code </th>

</tr>

@foreach (var d in ViewBag.Department)

{

<tr>

<td>@d.DeptId</td>

<td>@d.DepartmentCode</td>

<td>@d.DepartmentName</td>

</tr>

}

</table>

</div>

**Index with WebGrid**

@model IEnumerable<CURDdemo.Models.Department>

@{

ViewBag.Title = "Department";

Layout = "~/Views/Shared/\_Layout.cshtml";

}

@{

WebGrid grid = new WebGrid(Model, canPage: false);

int rowVal = 0;

}

<h2>Department Informations</h2>

<div>

@Html.ActionLink("Add New Department", "Save")

<br />

<a href="~/Department/Save"> Create New</a>

<br />

<h3 style="color: chocolate">Showing List of Data Using WebGrid</h3>

@grid.GetHtml(tableStyle: "table table-bordered table-responsive table-hover",

columns: grid.Columns(

grid.Column("SL No.", format: item => rowVal = rowVal + 1),

grid.Column("DeptId", "Dept Id"),

grid.Column("DepartmentName", "Department Name"),

grid.Column("DepartmentCode", "Department Code")

)

)

</div>

**Save Form**

@model CURDdemo.Models.Department

@{

ViewBag.Title = "Save";

Layout = "~/Views/Shared/\_Layout.cshtml";

}

<h2>Save Department Info</h2>

<hr/>

<div>

@using (Html.BeginForm("SaveDepartmentInfo", "Department",FormMethod.Post, new { @class = "form-horizontal", @role = "form" }))

{

if (Model!=null && Model.DeptId>0)

{

@Html.HiddenFor(d => d.DeptId)

}

<div class="form-group">

@Html.LabelFor(d => d.DepartmentName)

@Html.TextBoxFor(d => d.DepartmentName, new {@class = "form-control"})

@Html.ValidationMessageFor(d => d.DepartmentName, "", new {@class = "text-danger", @style = "color: red"})

</div>

<div class="form-group">

@Html.LabelFor(d => d.DepartmentCode)

@Html.TextBoxFor(d => d.DepartmentCode, new { @class = "form-control" })

@\* @Html.ValidationMessageFor(d => d.DepartmentCode, "", new { @class = "text-danger", @style = "color: red" })\*@

@Html.ValidationMessageFor(d => d.DepartmentCode)

</div>

<br/>

<div>

<input type="submit" class="btn btn-success" value="SSSS"/>

</div>

<br/>

<div class="form-group">

<div class="col-sm-10 col-sm-offset-2">

<button type="submit" class="btn btn-success">Save</button>

</div>

</div>

}

</div>