

```

public class HomeController : Controller
{
    IDBEntities db = new IDBEntities();
    public ActionResult Index()
    {
        return View();
    }

    public ActionResult save()
    {
        return View();
    }

    [HttpPost]
    public JsonResult save(Trainee t)
    {
        if (ModelState.IsValid)
        {
            db.Trainees.Add(t);
            db.SaveChanges();
            return Json(new { success = true, data = t });
        }
        else
        {
            return Json(new { success = false});
        }
    }

    public JsonResult edit( int id)
    {
        List<Trainee> lst = db.Trainees.Where(o => o.id==id).ToList();

        return Json(lst, JsonRequestBehavior.AllowGet);
    }
    public JsonResult update(Trainee t)
    {
        if (ModelState.IsValid)
        {
            db.Entry(t).State = EntityState.Modified;
            db.SaveChanges();
            return Json(new { success = true, data = t });
        }
        else
        {
            return Json(new { success = false });
        }
    }

    public JsonResult getTrainee()
    {
        List<Trainee> lst = db.Trainees.OrderByDescending(o => o.id).ToList();

        return Json(lst, JsonRequestBehavior.AllowGet);
    }

    public JsonResult delete(int id)
    {
        Trainee lst = db.Trainees.Where(o => o.id == id).FirstOrDefault() as Trainee;
        db.Trainees.Remove(lst);
        db.SaveChanges();
        return Json(lst, JsonRequestBehavior.AllowGet);
    }
}

```

-----VIEW-----

@model WebApplication1.Models.Trainee

@{  
 ViewBag.Title = "Home Page";  
}

<h2>Index</h2>

<div>

@\*<h1>loading.....</h1>\*@

</div>

<div>

<table class="table table-bordered" id="tbl" >

<thead>

<tr>

<th>Name</th>

<th>Email</th>

<th>Contact</th>

<th>-----</th>

</tr>

</thead>

<tbody>

</tbody>

</table>

</div>

<div>

<form>

<div>

<label>ID</label>

<input type="text" id="id" readonly/>

</div>

<div>

<label>Name</label>

<input type="text" id="name"/>

</div>

<div>

<label>Email</label>

<input type="text" id="email" />

</div>

<div>

<label>Contact</label>

<input type="text" id="contact"/>

</div>

<div>

<button type="button" onclick="return Save();">Save</button>

<button type="button" onclick="return Update();">Update</button>

</div>

</form>

</div>

## @section Scripts{

```
@Scripts.Render("~/bundles/jquery")
<script src="../../Scripts/jquery.unobtrusive-ajax.min.js"></script>
<script>
    $(document).ready(function () {
        LoadData();
    })
    function LoadData() {
        $.ajax({
            type: "GET",
            url: "@Url.Action('getTrainee', 'Home')",
            datatype: "Json",
            success: function (result) {
                $("#tbl tbody").empty();
                for (var i = 0; i < result.length; i++) {
                    $("#tbl tbody").append(
                        "<tr><td>" + result[i].Name + "</td>" +
                        "<td>" + result[i].Email + "</td>" +
                        "<td>" + result[i].Contact + "</td>" +
                        "<td><button onclick='return EditData(\"+result[i].id+\")'>Edit</button>" +
                        " | <button onclick='return "
DeleteData(\"+result[i].id+\")'>Delete</button>"+"</td></tr>"

                    )
                }
            }
        })
    }
    function Save() {
        var t = {
            Name: $("#name").val(),
            Email: $("#email").val(),
            Contact: $("#contact").val()
        };
        $.ajax({
            type: "POST",
            url: "/Home/save",
            datatype: "Json",
            data: JSON.stringify(t),
            contentType: "application/json",
            success: function (data) {
                LoadData()
            }
        })
    }

    function Update() {
        var t = {
            id: $("#id").val(),
            Name: $("#name").val(),
            Email: $("#email").val(),
            Contact: $("#contact").val()
        };
        $.ajax({
            type: "POST",
            url: "/Home/update",
            datatype: "Json",
            data: JSON.stringify(t),
            contentType: "application/json",
            success: function (data) {
                LoadData()
            }
        })
    }
}
```

```

function EditData(id) {
    $.ajax({
        type: "GET",
        url: "/Home/edit/" + id,
        datatype: "Json",
        success: function (data) {
            $("#id").val(data[0].id);
            $("#name").val(data[0].Name);
            $("#email").val(data[0].Email);
            $("#contact").val(data[0].Contact);
        }
    })
}

function DeleteData(id) {
    $.ajax({
        type: "GET",
        url: "/Home/delete/"+id,
        datatype: "Json",
        success: function (data) {
            LoadData()
        }
    })
}
}
</script>
}

```