Öğrenci Bilgi Sistemi Veri Listeleme/Kaydetme/Güncelleme/Silme(Entity Framework Code First)

Ogrenci.cs

```csharp
namespace OrnekSoru.Models
{
    public class Ogrenci
    {
        public int Id { get; set; }

        [StringLength(20)]
        public string Ad { get; set; }

        [StringLength(20)]
        public string Soyad { get; set; }

        [StringLength(11)]
        public string TCKimlikNo { get; set; }

        [StringLength(50)]
        public string Adres { get; set; }

        [StringLength(20)]
        public string Telefon { get; set; }

        [StringLength(20)]
        public string AldigiEgitim { get; set; }

        [StringLength(20)]
        public string BasariDurumu { get; set; }
    }
}
```

Model1.cs

```csharp
namespace OrnekSoru.Models
{
    public class Model1 : DbContext
    {

        public Model1()
            : base("name=Model1")
        {
        }

         public virtual DbSet<Ogrenci> MyEntities { get; set; }
    }


}
```

OgrencisController.cs

```csharp
namespace OrnekSoru.Controllers
```

```csharp
{
    public class OgrencisController : Controller
    {
        private Model1 db = new Model1();

        public ActionResult Index()
        {
            return View(db.MyEntities.ToList());
        }

        public ActionResult Details(int? id)
        {
            if (id == null)
            {
                return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
            }
            Ogrenci ogrenci = db.MyEntities.Find(id);
            if (ogrenci == null)
            {
                return HttpNotFound();
            }
            return View(ogrenci);
        }

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

        [HttpPost]
        [ValidateAntiForgeryToken]
        public ActionResult Create(Ogrenci ogrenci)
        {
            if (ModelState.IsValid)
            {
                db.MyEntities.Add(ogrenci);
                db.SaveChanges();
                return RedirectToAction("Index");
            }

            return View(ogrenci);
        }

        public ActionResult Edit(int? id)
        {
            if (id == null)
            {
                return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
            }
            Ogrenci ogrenci = db.MyEntities.Find(id);
            if (ogrenci == null)
            {
                return HttpNotFound();
            }
            return View(ogrenci);
        }


        [HttpPost]
        [ValidateAntiForgeryToken]
        public ActionResult Edit(Ogrenci ogrenci)
        {
```

```csharp
            if (ModelState.IsValid)
            {
                db.Entry(ogrenci).State = EntityState.Modified;
                db.SaveChanges();
                return RedirectToAction("Index");
            }
            return View(ogrenci);
        }

        public ActionResult Delete(int? id)
        {
            if (id == null)
            {
                return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
            }
            Ogrenci ogrenci = db.MyEntities.Find(id);
            if (ogrenci == null)
            {
                return HttpNotFound();
            }
            return View(ogrenci);
        }

        [HttpPost, ActionName("Delete")]
        [ValidateAntiForgeryToken]
        public ActionResult DeleteConfirmed(int id)
        {
            Ogrenci ogrenci = db.MyEntities.Find(id);
            db.MyEntities.Remove(ogrenci);
            db.SaveChanges();
            return RedirectToAction("Index");
        }

    }
}
```

Index.cshtml

```cshtml
@model IEnumerable<OrnekSoru.Models.Ogrenci>

@{
    ViewBag.Title = "Index";
}

<h2>Öğrenciler</h2>

<p>
    @Html.ActionLink("Yeni Kayıt", "Create",null,new {@class="btn btn-success" })
</p>
<table class="table">
    <tr>
        <th>
            @Html.DisplayNameFor(model => model.Ad)
        </th>
        <th>
            @Html.DisplayNameFor(model => model.Soyad)
        </th>
        <th>
            @Html.DisplayNameFor(model => model.TCKimlikNo)
        </th>
        <th>
```

```html
                @Html.DisplayNameFor(model => model.Adres)
            </th>
            <th>
                @Html.DisplayNameFor(model => model.Telefon)
            </th>
            <th>
                @Html.DisplayNameFor(model => model.AldigiEgitim)
            </th>
            <th>
                @Html.DisplayNameFor(model => model.BasariDurumu)
            </th>
            <th></th>
        </tr>

@foreach (var item in Model) {
<tr>
        <td>
            @Html.DisplayFor(modelItem => item.Ad)
        </td>
        <td>
            @Html.DisplayFor(modelItem => item.Soyad)
        </td>
        <td>
            @Html.DisplayFor(modelItem => item.TCKimlikNo)
        </td>
        <td>
            @Html.DisplayFor(modelItem => item.Adres)
        </td>
        <td>
            @Html.DisplayFor(modelItem => item.Telefon)
        </td>
        <td>
            @Html.DisplayFor(modelItem => item.AldigiEgitim)
        </td>
        <td>
            @Html.DisplayFor(modelItem => item.BasariDurumu)
        </td>
        <td>
            <a href="/Ogrencis/Edit/@item.Id" class="btn btn-warning btn-xs"
title="Düzenle">
                <span class="glyphicon glyphicon-edit"></span>
            </a>
            <a href="/Ogrencis/Details/@item.Id" class="btn btn-info btn-xs"
title="Detay">
                <span class="glyphicon glyphicon-search"></span>
            </a>
            <a href="/Ogrencis/Delete/@item.Id" class="btn btn-danger btn-xs" title="Sil">
                <span class="glyphicon glyphicon-trash"></span>
            </a>
        </td>
</tr>
}

</table>
```

Create.cshtml

```html
@model OrnekSoru.Models.Ogrenci
```

```
@{
    ViewBag.Title = "Create";
}

<h2 class="baslik">Öğrenci Kayıt</h2>

@using (Html.BeginForm())
{
    @Html.AntiForgeryToken()

<div class="form-horizontal">
    <hr />
    @Html.ValidationSummary(true, "", new { @class = "text-danger" })
    <div class="form-group">
        @Html.LabelFor(model => model.Ad, htmlAttributes: new { @class = "control-
label col-md-2" })
        <div class="col-md-10">
            @Html.EditorFor(model => model.Ad, new { htmlAttributes = new { @class =
"form-control" } })
            @Html.ValidationMessageFor(model => model.Ad, "", new { @class = "text-
danger" })
        </div>
    </div>

    <div class="form-group">
        @Html.LabelFor(model => model.Soyad, htmlAttributes: new { @class = "control-
label col-md-2" })
        <div class="col-md-10">
            @Html.EditorFor(model => model.Soyad, new { htmlAttributes = new { @class
= "form-control" } })
            @Html.ValidationMessageFor(model => model.Soyad, "", new { @class = "text-
danger" })
        </div>
    </div>

    <div class="form-group">
        @Html.LabelFor(model => model.TCKimlikNo, htmlAttributes: new { @class =
"control-label col-md-2" })
        <div class="col-md-10">
            @Html.EditorFor(model => model.TCKimlikNo, new { htmlAttributes = new {
@class = "form-control" } })
            @Html.ValidationMessageFor(model => model.TCKimlikNo, "", new { @class =
"text-danger" })
        </div>
    </div>

    <div class="form-group">
        @Html.LabelFor(model => model.Adres, htmlAttributes: new { @class = "control-
label col-md-2" })
        <div class="col-md-10">
            @Html.EditorFor(model => model.Adres, new { htmlAttributes = new { @class
= "form-control" } })
            @Html.ValidationMessageFor(model => model.Adres, "", new { @class = "text-
danger" })
        </div>
    </div>

    <div class="form-group   ">
        @Html.LabelFor(model => model.Telefon, htmlAttributes: new { @class =
"control-label col-md-2" })
        <div class="col-md-10">
```

```
                @Html.EditorFor(model => model.Telefon, new { htmlAttributes = new {
@class = "form-control " } })
                @Html.ValidationMessageFor(model => model.Telefon, "", new { @class =
"text-danger" })
            </div>
        </div>

        <div class="form-group  ">
            @Html.LabelFor(model => model.AldigiEgitim, htmlAttributes: new { @class =
"control-label col-md-2" })
            <div class="col-md-10">
                @Html.EditorFor(model => model.AldigiEgitim, new { htmlAttributes = new {
@class = "form-control " } })
                @Html.ValidationMessageFor(model => model.Telefon, "", new { @class =
"text-danger" })
            </div>
        </div>
        <div class="form-group  ">
            @Html.LabelFor(model => model.BasariDurumu, htmlAttributes: new { @class =
"control-label col-md-2" })
            <div class="col-md-10">
                @Html.EditorFor(model => model.BasariDurumu, new { htmlAttributes = new {
@class = "form-control " } })
                @Html.ValidationMessageFor(model => model.Telefon, "", new { @class =
"text-danger" })
            </div>
        </div>

        <div class="form-group">
            <div class="col-md-offset-2 col-md-10">
                <input type="submit" value="Kaydet" class="btn btn-primary" />
            </div>
        </div>
    </div>
</div>
}

<div>
    @Html.ActionLink("Back to List", "Index")
</div>

<link href="~/Content/Site.css" rel="stylesheet" />
```

Edit.cshtml

```
@model OrnekSoru.Models.Ogrenci

@{
    ViewBag.Title = "Edit";
}

<h2 class="baslik">Kayıt Düzenle</h2>

@using (Html.BeginForm())
{
    @Html.AntiForgeryToken()

<div class="form-horizontal">
    <hr />
    @Html.ValidationSummary(true, "", new { @class = "text-danger" })
```

```razor
    @Html.HiddenFor(model => model.Id)

    <div class="form-group">
        @Html.LabelFor(model => model.Ad, htmlAttributes: new { @class = "control-
label col-md-2" })
        <div class="col-md-10">
            @Html.EditorFor(model => model.Ad, new { htmlAttributes = new { @class =
"form-control" } })
            @Html.ValidationMessageFor(model => model.Ad, "", new { @class = "text-
danger" })
        </div>
    </div>

    <div class="form-group">
        @Html.LabelFor(model => model.Soyad, htmlAttributes: new { @class = "control-
label col-md-2" })
        <div class="col-md-10">
            @Html.EditorFor(model => model.Soyad, new { htmlAttributes = new { @class
= "form-control" } })
            @Html.ValidationMessageFor(model => model.Soyad, "", new { @class = "text-
danger" })
        </div>
    </div>

    <div class="form-group">
        @Html.LabelFor(model => model.TCKimlikNo, htmlAttributes: new { @class =
"control-label col-md-2" })
        <div class="col-md-10">
            @Html.EditorFor(model => model.TCKimlikNo, new { htmlAttributes = new {
@class = "form-control" } })
            @Html.ValidationMessageFor(model => model.TCKimlikNo, "", new { @class =
"text-danger" })
        </div>
    </div>

    <div class="form-group">
        @Html.LabelFor(model => model.Adres, htmlAttributes: new { @class = "control-
label col-md-2" })
        <div class="col-md-10">
            @Html.EditorFor(model => model.Adres, new { htmlAttributes = new { @class
= "form-control" } })
            @Html.ValidationMessageFor(model => model.Adres, "", new { @class = "text-
danger" })
        </div>
    </div>

    <div class="form-group">
        @Html.LabelFor(model => model.Telefon, htmlAttributes: new { @class =
"control-label col-md-2" })
        <div class="col-md-10">
            @Html.EditorFor(model => model.Telefon, new { htmlAttributes = new {
@class = "form-control" } })
            @Html.ValidationMessageFor(model => model.Telefon, "", new { @class =
"text-danger" })
        </div>
    </div>
    <div class="form-group  ">
        @Html.LabelFor(model => model.AldigiEgitim, htmlAttributes: new { @class =
"control-label col-md-2" })
        <div class="col-md-10">
            @Html.EditorFor(model => model.AldigiEgitim, new { htmlAttributes = new {
@class = "form-control " } })
```

```
            @Html.ValidationMessageFor(model => model.Telefon, "", new { @class =
"text-danger" })
        </div>
    </div>
    <div class="form-group  ">
        @Html.LabelFor(model => model.BasariDurumu, htmlAttributes: new { @class =
"control-label col-md-2" })
        <div class="col-md-10">
            @Html.EditorFor(model => model.BasariDurumu, new { htmlAttributes = new {
@class = "form-control " } })
            @Html.ValidationMessageFor(model => model.Telefon, "", new { @class =
"text-danger" })
        </div>
    </div>

    <div class="form-group">
        <div class="col-md-offset-2 col-md-10">
            <input type="submit" value="Kaydet" class="btn btn-primary" />
        </div>
    </div>
</div>
}

<div>
    @Html.ActionLink("Listeye Dön", "Index")
</div>

<link href="~/Content/Site.css" rel="stylesheet" />
```

Delete.cshtml

```
@model OrnekSoru.Models.Ogrenci

@{
    ViewBag.Title = "Delete";
}

<h2 class="baslik">Kayıt Sil</h2>

<h3>Silmek istediğinize emin misiniz?</h3>
<div>
    <hr />
    <dl class="dl-horizontal">
        <dt>
            @Html.DisplayNameFor(model => model.Ad)
        </dt>

        <dd>
            @Html.DisplayFor(model => model.Ad)
        </dd>

        <dt>
            @Html.DisplayNameFor(model => model.Soyad)
        </dt>

        <dd>
            @Html.DisplayFor(model => model.Soyad)
        </dd>
```

```html
        <dt>
            @Html.DisplayNameFor(model => model.TCKimlikNo)
        </dt>

        <dd>
            @Html.DisplayFor(model => model.TCKimlikNo)
        </dd>

        <dt>
            @Html.DisplayNameFor(model => model.Adres)
        </dt>

        <dd>
            @Html.DisplayFor(model => model.Adres)
        </dd>

        <dt>
            @Html.DisplayNameFor(model => model.Telefon)
        </dt>

        <dd>
            @Html.DisplayFor(model => model.Telefon)
        </dd>

    </dl>

    @using (Html.BeginForm()) {
        @Html.AntiForgeryToken()

<div class="form-actions no-color">
    <input type="submit" value="Delete" class="btn btn-danger" />
    <a href="/Ogrencis/Index" class="btn btn-default">
        <span class="glyphicon glyphicon-arrow-left"></span> Listeye Dön
    </a>
</div>
    }
</div>
```