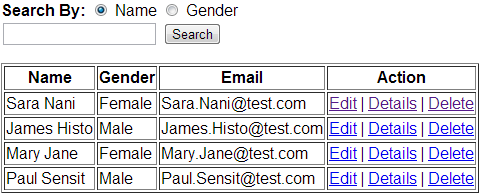
n this video, we will discuss, **implementing search page in an asp.net mvc application**. We should be able to search by **Employee Name** and **Gender**. The search page should be as shown below.   


We will be using table **tblEmployee**for this demo. Use the script below to create and populate the table with sample data.  
Create table tblEmployee  
(  
 ID int identity primary key,  
 Name nvarchar(50),  
 Gender nvarchar(10),  
 Email nvarchar(50)  
)  
  
Insert into tblEmployee values('Sara Nani', 'Female', 'Sara.Nani@test.com')  
Insert into tblEmployee values('James Histo', 'Male', 'James.Histo@test.com')  
Insert into tblEmployee values('Mary Jane', 'Female', 'Mary.Jane@test.com')  
Insert into tblEmployee values('Paul Sensit', 'Male', 'Paul.Sensit@test.com')  
  
**Step 1:** Create an empty asp.net mvc 4 application.  
  
**Step 2:** Generate ADO.NET entity data model from database using table tblEmployee. Change the entity name from tblEmployee to Employee. Save changes and build the application.  
  
**Step 3:** Add HomeController with the following settings.  
**a)** Controller name = HomeController  
**b)** Template = MVC controller with read/write actions and views, using Entity Framework  
**c)** Model class = Employee  
**d)** Data context class = SampleDBContext  
**e)** Views = Razor  
  
**Step 4:** Modify the **Index**() action method in **HomeController** as shown below.  
public ActionResult Index(string searchBy, string search)  
{  
    if (searchBy == "Gender")  
    {  
        return View(db.Employees.Where(x => x.Gender == search || search == null).ToList());  
    }  
    else  
    {  
        return View(db.Employees.Where(x => x.Name.StartsWith(search) || search == null).ToList());  
    }  
}  
  
**Step 5:** Copy and paste the following code in Index.cshtml view.  
@model IEnumerable<MVCDemo.Models.Employee>  
  
@{  
    ViewBag.Title = "Index";  
}  
<div style="font-family:Arial">  
<h2>Employee List</h2>  
<p>  
    @using (@Html.BeginForm("Index", "Home", FormMethod.Get))  
    {  
        <b>Search By:</b>  
        @Html.RadioButton("searchBy", "Name", true) <text>Name</text>  
        @Html.RadioButton("searchBy", "Gender") <text>Gender</text><br />

 @Html.TextBox("search") <input type="submit" value="search" />  
    }  
</p>  
<table border="1">  
    <tr>  
        <th>  
            @Html.DisplayNameFor(model => model.Name)  
        </th>  
        <th>  
            @Html.DisplayNameFor(model => model.Gender)  
        </th>  
        <th>  
            @Html.DisplayNameFor(model => model.Email)  
        </th>  
        <th>Action</th>  
    </tr>  
@if (Model.Count() == 0)  
{  
    <tr>  
        <td colspan="4">  
            No records match search criteria  
        </td>  
    </tr>  
}  
else  
{  
    foreach (var item in Model)  
    {  
        <tr>  
            <td>  
                @Html.DisplayFor(modelItem => item.Name)  
            </td>  
            <td>  
                @Html.DisplayFor(modelItem => item.Gender)  
            </td>  
            <td>  
                @Html.DisplayFor(modelItem => item.Email)  
            </td>  
            <td>  
                @Html.ActionLink("Edit", "Edit", new { id = item.ID }) |  
                @Html.ActionLink("Details", "Details", new { id = item.ID }) |  
                @Html.ActionLink("Delete", "Delete", new { id = item.ID })  
            </td>  
        </tr>  
    }  
}  
</table>  
</div>