**Install the PagedList.MVC NuGet package**

**Bước 1 – Install package**

1. From the **Tools** menu, select **NuGet Package Manager** and then **Package Manager Console**.
2. In the **Package Manager Console** window, make sure the **Package source** is **nuget.org** and the **Default project** is **ContosoUniversity**, and then enter the following command:

Install-Package PagedList.Mvc

1. Build the project.

**Bước 2 – Chỉnh sửa Index method**

public ViewResult Index(string sortOrder, string currentFilter, string searchString, int? page)

{

ViewBag.CurrentSort = sortOrder;

ViewBag.NameSortParm = String.IsNullOrEmpty(sortOrder) ? "name\_desc" : "";

ViewBag.DateSortParm = sortOrder == "Date" ? "date\_desc" : "Date";

if (searchString != null)

{

page = 1;

}

else

{

searchString = currentFilter;

}

ViewBag.CurrentFilter = searchString;

var students = from s in db.Students

select s;

if (!String.IsNullOrEmpty(searchString))

{

students = students.Where(s => s.Fullname.Contains(searchString));

}

switch (sortOrder)

{

case "name\_desc":

students = students.OrderByDescending(s => s.Fullname);

break;

case "Date":

students = students.OrderBy(s => s.Address);

break;

case "date\_desc":

students = students.OrderByDescending(s => s.Address);

break;

default: // Name ascending

students = students.OrderBy(s => s.Fullname);

break;

}

int pageSize = 3;

int pageNumber = (page ?? 1);

return View(students.ToPagedList(pageNumber, pageSize));

}

**Bước 3 – Sửa lại Index.cshtml View**

@model PagedList.IPagedList<WADDemo.Models.Student>

@using PagedList.Mvc;

<link href="~/Content/PagedList.css" rel="stylesheet" type="text/css" />

@{

ViewBag.Title = "Students";

}

<h2>Students</h2>

<p>

@Html.ActionLink("Create New", "Create")

</p>

@using (Html.BeginForm("Index", "Students", FormMethod.Get))

{

<p>

Find by name: @Html.TextBox("SearchString", ViewBag.CurrentFilter as string)

<input type="submit" value="Search" />

</p>

}

<table class="table">

<tr>

<th>

@Html.ActionLink("Full name", "Index", new { sortOrder = ViewBag.NameSortParm, currentFilter = ViewBag.CurrentFilter })

</th>

<th>

Address

</th>

<th>

@Html.ActionLink("Email", "Index", new { sortOrder = ViewBag.DateSortParm, currentFilter = ViewBag.CurrentFilter })

</th>

<th></th>

</tr>

@foreach (var item in Model)

{

<tr>

<td>

@Html.DisplayFor(modelItem => item.Fullname)

</td>

<td>

@Html.DisplayFor(modelItem => item.Address)

</td>

<td>

@Html.DisplayFor(modelItem => item.Email)

</td>

<td>

@Html.ActionLink("Edit", "Edit", new { id = item.StudentId }) |

@Html.ActionLink("Details", "Details", new { id = item.StudentId }) |

@Html.ActionLink("Delete", "Delete", new { id = item.StudentId })

</td>

</tr>

}

</table>

<br />

Page @(Model.PageCount < Model.PageNumber ? 0 : Model.PageNumber) of @Model.PageCount

@Html.PagedListPager(Model, page => Url.Action("Index",

new { page, sortOrder = ViewBag.CurrentSort, currentFilter = ViewBag.CurrentFilter }))