

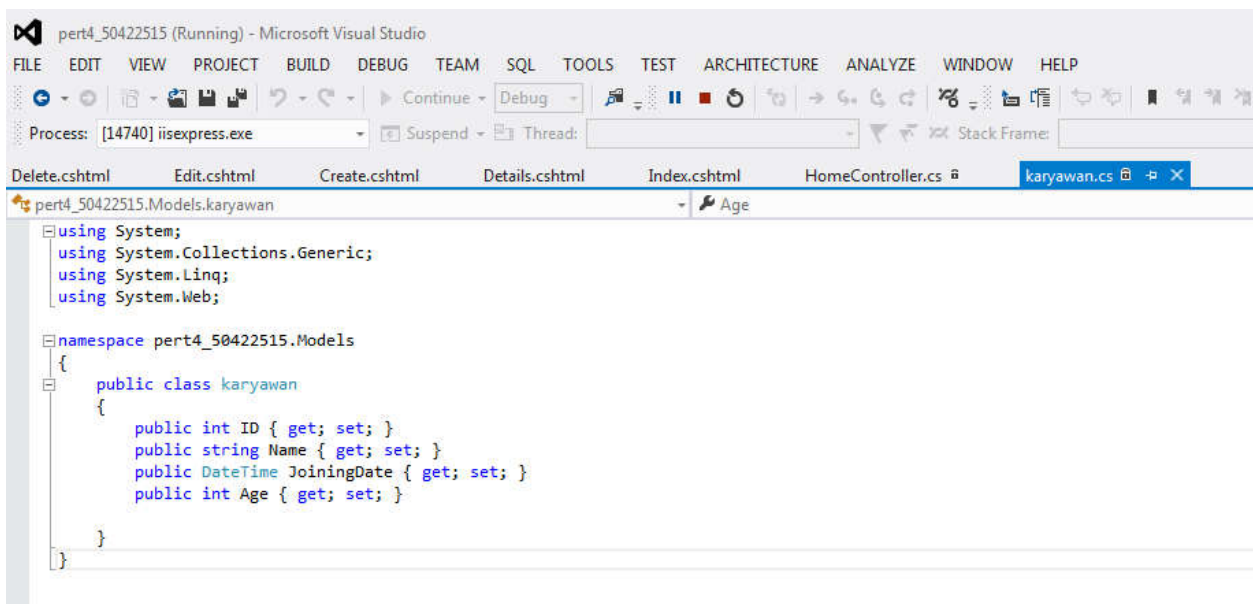
## Intermediate C#

### ACTIVITY 4

(MVC Activity) NOTE! : sebelum mengerjakan activity praktikan perlu menonton video 1 yaitu tentang ASP.NET dan web control.

#### ESSAY

1. Pada pertemuan ini buatlah sebuah project menggunakan MVC, ikuti video MVC activity.mp4, video berada di folder MVC activity! (Poin 100)



```
Microsoft Visual Studio
pert4_50422515 (Running)

FILE EDIT VIEW PROJECT BUILD DEBUG TEAM SQL TOOLS TEST ARCHITECTURE ANALYZE WINDOW HELP

Process: [14740] iisexpress.exe
Suspend Thread: Stack Frame:

Delete.cshtml Edit.cshtml Create.cshtml Details.cshtml Index.cshtml HomeController.cs karyawan.cs
pert4_50422515.Models.karyawan Age

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;

namespace pert4_50422515.Models
{
    public class karyawan
    {
        public int ID { get; set; }
        public string Name { get; set; }
        public DateTime JoiningDate { get; set; }
        public int Age { get; set; }
    }
}
```

pert4\_50422515 (Running) - Microsoft Visual Studio

FILE EDIT VIEW PROJECT BUILD DEBUG TEAM SQL TOOLS TEST ARCHITECTURE ANALYZE

Process: [14740] iisexpress.exe Suspend Thread:

Delete.cshtml Edit.cshtml Create.cshtml Details.cshtml Index.cshtml HomeController.c

pert4\_50422515.Controllers.HomeController Delete(int id)

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;

namespace pert4_50422515.Controllers
{
    public class HomeController : Controller
    {
        //
        // GET: /HomeController1/
        public static List<Models.karyawan> karyawanList = new List<Models.karyawan>{

            new Models.karyawan{
                ID = 1,
                Name = "Faraa",
                JoiningDate = DateTime.Now,
                Age = 20,
            },
        },
    }
}
```

100 %

Activity Intermediate: Pertemuan x I\_Csharp\_Act4.pdf x Pert 4\_Model View Controller (1) x Index

localhost:2569

Gmail YouTube Maps

[Create New](#)

Name	JoiningDate	Age	
Faraa	11/8/2024 3:40:11 PM 20		<a href="#">Edit</a> <a href="#">Details</a> <a href="#">Delete</a>
Mylanita	11/8/2024 3:40:11 PM 27		<a href="#">Edit</a> <a href="#">Details</a> <a href="#">Delete</a>

karyawan

Name

JoiningDate

Age

Create

[Back to List](#)

karyawan

Name

JoiningDate

Age

Save

[Back to List](#)

karyawan

Name

Mylanita

JoiningDate

11/8/2024 3:40:11 PM

Age

27

[Edit](#) | [Back to List](#)

## Are you sure you want to delete this?

karyawan
Name
JoiningDate
Age

| [Back to List](#)

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;

namespace pert4_50422515.Controllers
{
    public class HomeController : Controller
    {
        //
        // GET: /HomeController1/
        public static List<Models.karyawan> karyawanList = new List<Models.karyawan>{

            new Models.karyawan{
                ID = 1,
                Name = "Faraa",
                JoiningDate = DateTime.Now,
                Age = 20,
            },
            new Models.karyawan{
                ID = 2,
                Name = "Mylanita",
                JoiningDate = DateTime.Now,
                Age = 27,
            },
        };
        public ActionResult Index()
        {
            var data = from e in karyawanList
                        orderby e.ID
                        select e;
            return View(data);
        }

        //
        // GET: /HomeController1/Details/5
        // GET: /HOME/Details/5

        public ActionResult Details(int id)
```

```

{
    var karyawan = karyawanList.Single(m => m.ID == id);
    return View(karyawan);
}

//
// GET: /HomeController1/Create

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

//
// POST: /HomeController1/Create

[HttpPost]
public ActionResult Create(FormCollection collection)
{
    try
    {
        // TODO: Add insert logic here
        Models.karyawan karyawan = new Models.karyawan();

        karyawan.ID = karyawanList.Count + 1;
        karyawan.Name = collection["Name"];
        karyawan.JoiningDate = DateTime.Now;
        karyawan.Age = Int32.Parse(collection["Age"]);

        karyawanList.Add(karyawan);

        return RedirectToAction("Index");
    }
    catch
    {
        return View();
    }
}

//
// GET: /HomeController1/Edit/5

public ActionResult Edit(int id)
{
    var karyawan = karyawanList.FirstOrDefault(m => m.ID == id);
    return View(karyawan);
}

//
// POST: /HomeController1/Edit/5

[HttpPost]
public ActionResult Edit(int id, FormCollection collection)
{
    try
    {
        // TODO: Add update logic here

```

```

        var karyawanToEdit = karyawanList.FirstOrDefault(m => m.ID == id);

        if (TryUpdateModel(karyawanToEdit, collection))
        {
            return RedirectToAction("Index");
        }

        return View();
    }
    catch
    {
        return View();
    }
}

//
// GET: /HomeController1/Delete/5

public ActionResult Delete(int id)
{
    var karyawan = karyawanList.FirstOrDefault(m => m.ID == id);
    return View();
}

//
// POST: /HomeController1/Delete/5

[HttpPost]
public ActionResult Delete(int id, FormCollection collection)
{
    try
    {
        // TODO: Add delete logic here
        var karyawan = karyawanList.FirstOrDefault(m => m.ID == id);
        karyawanList.Remove(karyawan);

        return RedirectToAction("Index");
    }
    catch
    {
        return View();
    }
}
}
}

```