Source Code:

Student.cs

namespace PracticeProject4.Models

{

public class Student

{

public int Id { get; set; }

public string Name { get; set; }

public string Class { get; set; }

public int Age { get; set; }

public string Address { get; set; }

}

}

Subject.cs

namespace PracticeProject4.Models

{

public class Subject

{

public int Id { get; set; }

public string Name { get; set; }

}

}

Teacher.cs

namespace PracticeProject4.Models

{

public class Teacher

{

public int Id { get; set; }

public string Name { get; set; }

public string TeachingSubject { get; set; }

}

}

Studentcontroller.cs

using Microsoft.AspNetCore.Mvc;

using PracticeProject4.Models;

namespace PracticeProject4.Controllers

{

public class StudentController : Controller

{

List<Student> student = new List<Student>()

{

new Student { Id = 1, Name = "Manoj", Class = "8A", Age = 17, Address = "123 chennai"},

new Student { Id = 2, Name = "Kholi", Class = "8B", Age = 15, Address = "231 mumbai"},

new Student { Id = 3, Name = "Dhoni", Class = "8C", Age = 14, Address = "456 ranji"},

};

public IActionResult Index()

{

return View(student);

}

[HttpGet]

public IActionResult Create()

{

return View(new Student());

}

[HttpPost]

public IActionResult Create(Student model)

{

if (ModelState.IsValid)

{

student.Add(model);

return RedirectToAction("Index");

}

else

{

return View(model);

}

}

}

}

Subjectcontroller.cs

using Microsoft.AspNetCore.Mvc;

using PracticeProject4.Models;

namespace PracticeProject4.Controllers

{

public class SubjectController : Controller

{

List<Subject> subject = new List<Subject>()

{

new Subject { Id = 1, Name = "Computer Science"},

new Subject {Id = 2, Name = "Physics"},

new Subject {Id = 3, Name = "Maths"},

};

public IActionResult Index()

{

return View(subject);

}

[HttpGet]

public IActionResult Create()

{

return View(new Subject());

}

[HttpPost]

public IActionResult Create(Subject model)

{

if (ModelState.IsValid)

{

subject.Add(model);

return RedirectToAction("Index");

}

else

{

return View(model);

}

}

}

}

Teachercontroller.cs

using Microsoft.AspNetCore.Mvc;

using PracticeProject4.Models;

namespace PracticeProject4.Controllers

{

public class TeacherController : Controller

{

List<Teacher> teacher = new List<Teacher>()

{

new Teacher { Id = 1, Name = "Mr.Sam", TeachingSubject = "Physics"},

new Teacher { Id = 2, Name = "Mr.Karthik", TeachingSubject = "Coputer Science"},

new Teacher { Id = 3, Name = "Mr.Magesh", TeachingSubject = "Maths"},

};

public IActionResult Index()

{

return View(teacher);

}

[HttpGet]

public IActionResult Create()

{

return View(new Teacher());

}

[HttpPost]

public IActionResult Create(Teacher model)

{

if (ModelState.IsValid)

{

teacher.Add(model);

return RedirectToAction("Index");

}

else

{

return View(model);

}

}

}

}