Practice Project 3

**Deploy an ASP.NET WebForms Application on Azure**

**Source Code:**

**Student.cs**

namespace PracticePro3.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 PracticePro3.Models

{

public class Subject

{

public int Id { get; set; }

public string? Name { get; set; }

}

}

**Teacher.cs**

namespace PracticePro3.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 PracticePro3.Models;

namespace PracticePro3.Controllers

{

public class StudentController : Controller

{

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

{

new Student { Id=1,Name = "Charu", Class = "8A", Age = 13, Address = "No:14 French Colony"},

new Student { Id=2,Name = "Preetha", Class = "9A", Age = 15, Address = "No:10 Gandhi Road"},

new Student { Id=3,Name = "Bavi", Class = "12B", Age = 16, Address = "No:22 Chruch Park"},

new Student { Id=4,Name = "Sanju", Class = "11A", Age = 15, Address = "No:43 North Street"},

new Student { Id=5,Name = "Ranjali", Class = "10A", Age = 14, Address = "No:82 East Street"},

};

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 PracticePro3.Models;

namespace PracticePro3.Controllers

{

public class SubjectController : Controller

{

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

{

new Subject { Id = 1,Name = "English" },

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

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

new Subject { Id = 4,Name = "Physics" },

new Subject { Id = 5,Name = "Mathematics" },

new Subject { Id = 1,Name = "English" },

};

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 PracticePro3.Models;

using System.Xml.Linq;

namespace PracticePro3.Controllers

{

public class TeacherController : Controller

{

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

{

new Teacher { Id = 1, Name ="Mr.Sathish", TeachingSubject ="Biology"},

new Teacher { Id = 2, Name ="Mr.Suresh", TeachingSubject ="Physics"},

new Teacher { Id = 3, Name ="Mr.Muthu", TeachingSubject ="Mathematics"},

new Teacher { Id = 4, Name ="Ms.SivaRanjani", TeachingSubject ="English"},

new Teacher { Id = 5, Name ="Ms.Bharathi", TeachingSubject ="Computer"},

};

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);

}

}

}

}