**Source code for Deploy an ASP.NET Web Forms Application on Azure**

**Student.cs:**

namespace Phase3PracticeProject.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 Phase3PracticeProject.Models

{

public class Subject

{

public int Id { get; set; }

public string Name { get; set; }

}

}

**Teacher.cs:**

namespace Phase3PracticeProject.Models

{

public class Teacher

{

public int Id { get; set; }

public string Name { get; set; }

public string TeachingSubject { get; set; }

}

}

**StudentControllers.cs:**

using Microsoft.AspNetCore.Mvc;

using Phase3PracticeProject.Models;

namespace Phase3PracticeProject.Controllers

{

public class StudentController : Controller

{

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

{

new Student { Id = 1, Name = "Sam", Class = "8A", Age = 16, Address = "123SomeWhere"},

new Student { Id = 2, Name = "Arun", Class = "8B", Age = 17, Address = "321 Some Street"},

new Student { Id = 3, Name = "Arjun", Class = "8C", Age = 16, Address = "432 some where "},

};

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);

}

}

}

}

**SubjectControllers.cs:**

using Microsoft.AspNetCore.Mvc;

using Phase3PracticeProject.Models;

namespace Phase3PracticeProject.Controllers

{

public class SubjectController : Controller

{

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

{

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

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);

}

}

}

}

**TeacherControllers.cs:**

using Microsoft.AspNetCore.Mvc;

using Phase3PracticeProject.Models;

namespace Phase3PracticeProject.Controllers

{

public class TeacherController : Controller

{

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

{

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

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

new Teacher { Id = 3, Name = "Mr.Maths", 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);

}

}

}

}

**\_Layout.cshtml:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>@ViewData["Title"] - Phase3PracticeProject</title>

<**link** rel="stylesheet" href="~/lib/bootstrap/dist/css/bootstrap.min.css" />

<**link** rel="stylesheet" **href**="~/css/site.css" **asp-append-version**="true" />

<**link** rel="stylesheet" **href**="~/Phase3PracticeProject.styles.css" **asp-append-version**="true" />

</head>

<body>

<header>

<nav class="navbar navbar-expand-sm navbar-toggleable-sm navbar-light bg-white border-bottom box-shadow mb-3">

<div class="container-fluid">

<**a** class="navbar-brand" **asp-area**="" **asp-controller**="Home" **asp-action**="Index">Phase3PracticeProject</**a**>

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target=".navbar-collapse" aria-controls="navbarSupportedContent"

aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="navbar-collapse collapse d-sm-inline-flex justify-content-between">

<ul class="navbar-nav flex-grow-1">

<li class="nav-item">

<**a** class="nav-link text-dark" **asp-area**="" **asp-controller**="Home" **asp-action**="Index">Home</**a**>

</li>

<li class="nav-item">

<**a** class="nav-link text-dark" **asp-area**="" **asp-controller**="Student" **asp-action**="Index">Student</**a**>

</li>

<li class="nav-item">

<**a** class="nav-link text-dark" **asp-area**="" **asp-controller**="Subject" **asp-action**="Index">Subject</**a**>

</li>

<li class="nav-item">

<**a** class="nav-link text-dark" **asp-area**="" **asp-controller**="Teacher" **asp-action**="Index">Teacher</**a**>

</li>

<li class="nav-item">

<**a** class="nav-link text-dark" **asp-area**="" **asp-controller**="Home" **asp-action**="Privacy">Privacy</**a**>

</li>

</ul>

</div>

</div>

</nav>

</header>

<div class="container">

<main role="main" class="pb-3">

@RenderBody()

</main>

</div>

<footer class="border-top footer text-muted">

<div class="container">

&copy; 2023 - Phase3PracticeProject - <**a** **asp-area**="" **asp-controller**="Home" **asp-action**="Privacy">Privacy</**a**>

</div>

</footer>

<**script** src="~/lib/jquery/dist/jquery.min.js"></**script**>

<**script** src="~/lib/bootstrap/dist/js/bootstrap.bundle.min.js"></**script**>

<**script** **src**="~/js/site.js" **asp-append-version**="true"></**script**>

@await RenderSectionAsync("Scripts", required: false)

</body>

</html>