**Source Code**

**StudentController**

using SchoolLibrary;

using SchoolManagementSystemInMVC.Models;

using System;

using System.Collections.Generic;

using System.Globalization;

using System.Linq;

using System.Web;

using System.Web.Mvc;

namespace SchoolManagementSystemInMVC.Controllers

{

public class StudentController : Controller

{

StudentDataEntities db = new StudentDataEntities();

// GET: Student

public ActionResult Index()

{

List<StudentModel> studentlist = new List<StudentModel>();

List<Student> std = db.Students.ToList();

foreach (var item in std)

{

StudentModel s = new StudentModel();

s.StudentID = item.StudentID;

s.FirstName = item.FirstName;

s.LastName = item.LastName;

s.DateOfBirth = (DateTime)item.DateOfBirth;

s.Gender = item.Gender;

s.ClassID = (int)item.ClassID;

s.SubjectID = (int)item.SubjectID;

studentlist.Add(s);

}

return View(studentlist);

}

// GET: Student/Details/5

public ActionResult Details(int id)

{

Student std = db.Students.Find(id);

StudentModel s = new StudentModel();

s.StudentID = std.StudentID;

s.FirstName = std.FirstName;

s.LastName = std.LastName;

s.DateOfBirth= (DateTime)std.DateOfBirth;

s.Gender = std.Gender;

s.ClassID = (int)std.ClassID;

s.SubjectID = (int)std.SubjectID;

return View(s);

}

// GET: Student/Create

public ActionResult Create()

{

return View();

}

// POST: Student/Create

[HttpPost]

public ActionResult Create(FormCollection collection)

{

try

{

// TODO: Add insert logic here

StudentModel std = new StudentModel();

//std.StudentID = Convert.ToInt32(collection["StudentID"]);

std.FirstName = collection["FirstName"].ToString();

std.LastName = collection["LastName"].ToString();

std.DateOfBirth = Convert.ToDateTime(collection["DateOfBirth"]);

std.Gender = collection["Gender"].ToString();

std.ClassID = Convert.ToInt32(collection["ClassID"]);

std.SubjectID = Convert.ToInt32(collection["SubjectID"]);

Student s = new Student();

//s.StudentID = std.StudentID;

s.FirstName = std.FirstName;

s.LastName = std.LastName;

s.DateOfBirth = std.DateOfBirth;

s.Gender = std.Gender;

s.ClassID = (int)std.ClassID;

s.SubjectID = std.SubjectID;

db.Students.Add(s);

db.SaveChanges();

return RedirectToAction("Index");

}

catch

{

return View();

}

}

// GET: Student/Edit/5

public ActionResult Edit(int id)

{

Student std = db.Students.Find(id);

StudentModel s = new StudentModel();

s.StudentID = std.StudentID;

s.FirstName = std.FirstName;

s.LastName = std.LastName;

s.DateOfBirth = (DateTime)std.DateOfBirth;

s.Gender = std.Gender;

s.ClassID = (int)std.ClassID;

s.SubjectID = (int)std.SubjectID;

return View(s);

}

// POST: Student/Edit/5

[HttpPost]

public ActionResult Edit(int id, FormCollection collection)

{

try

{

// TODO: Add update logic here

Student std = db.Students.Find(id);

std.FirstName = collection["FirstName"].ToString();

std.LastName = collection["LastName"].ToString();

std.DateOfBirth = Convert.ToDateTime(collection["DateOfBirth"]);

std.Gender = collection["Gender"].ToString();

std.ClassID = Convert.ToInt32(collection["ClassID"]);

std.SubjectID = Convert.ToInt32(collection["SubjectID"]);

db.SaveChanges();

return RedirectToAction("Index");

}

catch

{

return View();

}

}

// GET: Student/Delete/5

public ActionResult Delete(int id)

{

Student std = db.Students.Find(id);

StudentModel s = new StudentModel();

s.StudentID = std.StudentID;

s.FirstName = std.FirstName;

s.LastName = std.LastName;

s.DateOfBirth = (DateTime)std.DateOfBirth;

s.Gender = std.Gender;

s.ClassID = (int)std.ClassID;

s.SubjectID = (int)std.SubjectID;

return View(s);

}

// POST: Student/Delete/5

[HttpPost]

public ActionResult Delete(int id, FormCollection collection)

{

try

{

// TODO: Add delete logic here

Student std = db.Students.Find(id);

db.Students.Remove(std);

db.SaveChanges();

return RedirectToAction("Index");

}

catch

{

return View();

}

}

}

}

**ClassController**

using SchoolLibrary;

using SchoolManagementSystemInMVC.Models;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.Mvc;

namespace SchoolManagementSystemInMVC.Controllers

{

public class ClassController : Controller

{

StudentDataEntities db = new StudentDataEntities();

// GET: Class

public ActionResult Index()

{

List<ClassModel> classlist = new List<ClassModel>();

List<Class> c = db.Classes.ToList();

foreach (var item in c)

{

ClassModel s = new ClassModel();

s.ClassID = item.ClassID;

s.ClassName = item.ClassName;

classlist.Add(s);

}

return View(classlist);

}

// GET: Class/Details/5

public ActionResult Details(int id)

{

Class c = db.Classes.Find(id);

ClassModel s = new ClassModel();

s.ClassID = c.ClassID;

s.ClassName = c.ClassName;

return View(s);

}

// GET: Class/Create

public ActionResult Create()

{

return View();

}

// POST: Class/Create

[HttpPost]

public ActionResult Create(FormCollection collection)

{

try

{

// TODO: Add insert logic here

ClassModel c = new ClassModel();

c.ClassName = collection["ClassName"].ToString();

Class s = new Class();

s.ClassName = c.ClassName;

db.Classes.Add(s);

db.SaveChanges();

return RedirectToAction("Index");

}

catch

{

return View();

}

}

// GET: Class/Edit/5

public ActionResult Edit(int id)

{

Class c = db.Classes.Find(id);

ClassModel s = new ClassModel();

s.ClassID = c.ClassID;

s.ClassName = c.ClassName;

return View(s);

}

// POST: Class/Edit/5

[HttpPost]

public ActionResult Edit(int id, FormCollection collection)

{

try

{

// TODO: Add update logic here

Class c = db.Classes.Find(id);

c.ClassName = collection["ClassName"].ToString();

db.SaveChanges();

return RedirectToAction("Index");

}

catch

{

return View();

}

}

// GET: Class/Delete/5

public ActionResult Delete(int id)

{

Class c = db.Classes.Find(id);

ClassModel s = new ClassModel();

s.ClassID = c.ClassID;

s.ClassName = c.ClassName;

return View(s);

}

// POST: Class/Delete/5

[HttpPost]

public ActionResult Delete(int id, FormCollection collection)

{

try

{

// TODO: Add delete logic here

Class c = db.Classes.Find(id);

db.Classes.Remove(c);

db.SaveChanges();

return RedirectToAction("Index");

}

catch

{

return View();

}

}

}

}

**SubjectController**

using SchoolLibrary;

using SchoolManagementSystemInMVC.Models;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.Mvc;

namespace SchoolManagementSystemInMVC.Controllers

{

public class SubjectController : Controller

{

StudentDataEntities db = new StudentDataEntities();

// GET: Subject

public ActionResult Index()

{

List<SubjectModel> classlist = new List<SubjectModel>();

List<Subject> c = db.Subjects.ToList();

foreach (var item in c)

{

SubjectModel s = new SubjectModel();

s.SubjectID = item.SubjectID;

s.SubjectName = item.SubjectName;

classlist.Add(s);

}

return View(classlist);

}

// GET: Subject/Details/5

public ActionResult Details(int id)

{

Subject c = db.Subjects.Find(id);

SubjectModel s = new SubjectModel();

s.SubjectID = c.SubjectID;

s.SubjectName = c.SubjectName;

return View(s);

}

// GET: Subject/Create

public ActionResult Create()

{

return View();

}

// POST: Subject/Create

[HttpPost]

public ActionResult Create(FormCollection collection)

{

try

{

// TODO: Add insert logic here

SubjectModel c = new SubjectModel();

c.SubjectName = collection["SubjectName"].ToString();

Subject s = new Subject();

s.SubjectName = c.SubjectName;

db.Subjects.Add(s);

db.SaveChanges();

return RedirectToAction("Index");

}

catch

{

return View();

}

}

// GET: Subject/Edit/5

public ActionResult Edit(int id)

{

Subject c = db.Subjects.Find(id);

SubjectModel s = new SubjectModel();

s.SubjectID = c.SubjectID;

s.SubjectName = c.SubjectName;

return View(s);

}

// POST: Subject/Edit/5

[HttpPost]

public ActionResult Edit(int id, FormCollection collection)

{

try

{

// TODO: Add update logic here

Subject c = db.Subjects.Find(id);

c.SubjectName = collection["SubjectName"].ToString();

db.SaveChanges();

return RedirectToAction("Index");

}

catch

{

return View();

}

}

// GET: Subject/Delete/5

public ActionResult Delete(int id)

{

Subject c = db.Subjects.Find(id);

SubjectModel s = new SubjectModel();

s.SubjectID = c.SubjectID;

s.SubjectName = c.SubjectName;

return View(s);

}

// POST: Subject/Delete/5

[HttpPost]

public ActionResult Delete(int id, FormCollection collection)

{

try

{

// TODO: Add delete logic here

Subject c = db.Subjects.Find(id);

db.Subjects.Remove(c);

db.SaveChanges();

return RedirectToAction("Index");

}

catch

{

return View();

}

}

}

}