Practice Project 2

**Create an MVC Application to Manage Data for School Application**

Source Code:

Classes.cs

using System;

using System.Collections.Generic;

using System.ComponentModel.DataAnnotations;

using System.ComponentModel.DataAnnotations.Schema;

using System.Linq;

using System.Web;

using System.Xml.Linq;

namespace PracticeProject2.Models

{

[Table("ClTable")]

public class Classes

{

[Key]

public int ClassId { get; set; }

[Required]

public string ClassName { get; set; }

public virtual Student Student { get; set; }

}

}

Subjects.cs

using System;

using System.Collections.Generic;

using System.ComponentModel.DataAnnotations;

using System.ComponentModel.DataAnnotations.Schema;

using System.Linq;

using System.Web;

using System.Xml.Linq;

namespace PracticeProject2.Models

{

[Table("SubTable")]

public class Subject

{

[Key]

public int SubjectId { get; set; }

[Required]

public string SubjectName { get; set; }

public virtual Student Student { get; set; }

}

}

Students.cs

using System;

using System.Collections.Generic;

using System.ComponentModel.DataAnnotations;

using System.ComponentModel.DataAnnotations.Schema;

using System.Linq;

using System.Web;

using System.Xml.Linq;

namespace PracticeProject2.Models

{

[Table("StTable")]

public class Student

{

[Key]

public int StudentId { get; set; }

[Required]

public string FirstName { get; set; }

[Required]

public string LastName { get; set; }

[Required]

public DateTime BirthDate { get; set; }

public int ClassId { get; set; }

public virtual ICollection<Classes> Classes { get; set; }

public virtual ICollection<Subject> Subject { get; set; }

}

}