Ex 6-3 Entity Framework Integration With ASP MVC - POST

In this exercise you will integrate ASP with Entity Framwork.

Add a Student record to the database from ASP. For simplicity, create a Student object in the controller and store it in database.

In the controller, implement the following actions.

a)   Index– In this action create a Student object with the values given below. Return the Student model using redirect to action to AddDetail.

b)   AddDetail– This action must accept Student Model as parameter.

Display the student information from Student Model using "ViewDetails" view.

c) class 'CollegeContext'.

Add the student details in Student object to its entity in the database using the context.

Context name 'CollegeContext' is given. DO NOT change it.

Declare a property 'Students' of type DbSet<Student>

Student Model is already given as reference.

Store the below Student data.
StudentName = "Johana"
Department = "Art"
PhoneNumber = 9876565434
EnrolledDate = 25-06-2018

———————————————————————————————————————

StudentController.cs

———————————————————————————————————————

```
using ASP_EF_App1.DAL;
using ASP_EF_App1.Models;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;
namespace ASP_EF_App1.Controllers //DO NOT change the namespace name
{
 public class StudentController : Controller //DO NOT change the class name
 {
  public ActionResult Index()
  {
   Student std=new Student();
   std.StudentName="Johana";
   std.Department="Art";
   std.PhoneNumber=9876565434;
   std.EnrolledDate=Convert.ToDateTime("06/25/2018");
   return RedirectToAction("AddDetail",std);
  // Implement 'Index' action.
  }
  public ActionResult AddDetail(Student student)
  {
   CollegeContext context=new CollegeContext();
   context.Students.Add(student);
```

```
      context.SaveChanges();
      return View("ViewDetails",student);
      // Implement 'AddDetail' action
    }
   }
}
```

———

CollegeContext.cs

———

```
using ASP_EF_App1.Models;
using System;
using System.Collections.Generic;
using System.Data.Entity;
using System.Linq;
using System.Web;
namespace ASP_EF_App1.DAL //DO NOT change the namespace name
{
 public class CollegeContext :DbContext //DO NOT change the class name
 {
  public CollegeContext() : base("CollegeContext") //DO NOT change the context name
  {
  }
  //Implement property for 'Placements' with required declaration
  public DbSet<Student>Students{ get; set; }
 }
}
```

———

Student.cs

———

```
//THIS IS FOR REFERENCE ONLY. YOU ARE NOT REQUIRED TO MAKE ANY CHANGES
HERE
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;

namespace ASP_EF_App1.Models
{
    public class Student
    {
        public int StudentId { get; set; }
        public String StudentName { get; set; }
        public DateTime EnrolledDate { get; set; }
        public String Department { get; set; }
        public long PhoneNumber { get; set; }
    }
}
```

ViewDetail.cshtml

```
@model ASP_EF_App1.Models.Student
<table>
<tr>
<td>StudentName</td>
<td><b>@Model.StudentName</b></td>
</tr>
<tr>
<td>Department</td>
<td><b>@Model.Department</b></td>
</tr>
<tr>
<td>PhoneNumber</td>
<td><b>@Model.PhoneNumber</b></td>
</tr>
<tr>
<td>EnrolledDate</td>
<td><b>@Model.EnrolledDate</b>>/td>
</tr>
</table>
```