```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;
using WebApplication1.Models;

namespace WebApplication1.Controllers
{
    public class StudentController : Controller
    {
        // GET: Student
        public ActionResult StudentView()
        {
            StudentMarks dal = new StudentMarks();
            List<Student> students = (List<Student>)dal.GetAllStudents();
            ViewData["students"] = students;
            return View(students);

        }
        public ActionResult Create()
        {
            return View();
        }
        [HttpPost]


        public ActionResult Create(Student student)
        {
            if (ModelState.IsValid)
            {
                try
                {
                    // Save the new student record to the database or your data
source.
                    // You can use the StudentMarks class to perform the database
operation.
                    // Example: dal.SaveStudent(student);

                    // Redirect to the student list with the updated list.
                    return RedirectToAction("StudentView");
                }
                catch (Exception ex)
                {
                    // Handle and log the exception.
                    ModelState.AddModelError("", "An error occurred while saving the
student data.");
                    // You can log the exception details for debugging purposes.
                    // Example: Log.Error(ex, "Error while saving student data.");

                    // Return to the Create view with an error message.
                    return View(student);
                }
            }

            // If the model is not valid, return to the Create view with validation
errors.
            return View(student);
```

```
        }


    }
}
```

```cshtml
@model IEnumerable<WebApplication1.Models.Student>

@{
    ViewBag.Title = "StudentView";
}

<h2>StudentView</h2>

<p>
    @Html.ActionLink("Create New", "Create")
</p>
<table class="table">
    <tr>
        <th>
            @Html.DisplayNameFor(model => model.StudentsName)
        </th>
        <th>
            @Html.DisplayNameFor(model => model.StudentClass)
        </th>
        <th>
            @Html.DisplayNameFor(model => model.StudentsObtainMarks)
        </th>
        <th></th>
    </tr>

@foreach (var item in Model) {
    <tr>
        <td>
            @Html.DisplayFor(modelItem => item.StudentsName)
        </td>
        <td>
            @Html.DisplayFor(modelItem => item.StudentClass)
        </td>
        <td>
            @Html.DisplayFor(modelItem => item.StudentsObtainMarks)
        </td>
        <td>
            @Html.ActionLink("Edit", "Edit", new { id=item.Id }) |
            @Html.ActionLink("Details", "Details", new { id=item.Id }) |
            @Html.ActionLink("Delete", "Delete", new { id=item.Id })
        </td>
    </tr>
}

</table>


@model WebApplication1.Models.Student
```

```
@{
    ViewBag.Title = "Create";
}

<h2>Create New Student</h2>

@using (Html.BeginForm("Create", "Student", FormMethod.Post))
{
    <div class="form-group">
        @Html.LabelFor(model => model.StudentsName)
        @Html.TextBoxFor(model => model.StudentsName, new { @class = "form-control"
})
    </div>
    <div class="form-group">
        @Html.LabelFor(model => model.StudentClass)
        @Html.TextBoxFor(model => model.StudentClass, new { @class = "form-control"
})
    </div>
    <div class="form-group">
        @Html.LabelFor(model => model.StudentsObtainMarks)
        @Html.TextBoxFor(model => model.StudentsObtainMarks, new { @class = "form-
control" })
    </div>
    <button type="submit" class="btn btn-primary">Create</button>
}

<a href="@Url.Action("StudentView", "Student")">Back to Student List</a>


using System;
using System.Collections.Generic;
using System.ComponentModel.DataAnnotations;
using System.Linq;
using System.Web;

namespace WebApplication1.Models
{
    public class Student
    {

        [Required]
        public int Id { get; set; }

        [Required]
        public string StudentsName { get; set; }

        public int StudentClass { get; set; }

        public float StudentsObtainMarks { get; set; }
    }
}



using System;
using System.Collections.Generic;
using System.Data.SqlClient;
using System.Data;
```

```csharp
using System.Linq;
using System.Web;

namespace WebApplication1.Models
{
    public class StudentMarks
    {
        string connectionString = "data source=DESKTOP-MFQ8M0P;initial
catalog=SSchool;TrustServerCertificate=True;integrated
security=True;MultipleActiveResultSets=True;";

        public IEnumerable<Student> GetAllStudents()
        {
            List<Student> lstStudents = new List<Student>();

            using (SqlConnection con = new SqlConnection(connectionString))
            {
                SqlCommand cmd = new SqlCommand("select * from Students", con);
                cmd.CommandType = CommandType.Text;

                con.Open();
                SqlDataReader rdr = cmd.ExecuteReader();

                while (rdr.Read())
                {
                    Student student = new Student();

                    student.Id = Convert.ToInt32(rdr["Id"]);
                    student.StudentsName = rdr["StudentsName"].ToString();
                    student.StudentClass = Convert.ToInt32(rdr["StudentClass"]);
                    student.StudentsObtainMarks =
Convert.ToInt32(rdr["StudentsObtainMarks"]); ;
                    lstStudents.Add(student);
                }
                con.Close();
            }
            return lstStudents;
        }
    }
}
```