

# Create an MVC Application to Manage Data for School Application

## DESCRIPTION

Using ASP.NET MVC project to create a web based application, which will allow an admin to do CRUD operations on Student, Subject and Classe tables in the database

### Background of the problem statement:

Rainbow School is creating software for school management. After creating the database, the first step is to populate the database using a web-based application.

### You must use the following:

Visual Studio 2019 Community Edition

SQL Server 17 Express Edition

### Following requirements should be met:

Some of the source code should be tracked on GitHub repositories. You need to document the tracked files that are ignored during the final push to the GitHub repository.

The submission of your GitHub repository link is mandatory. In order to track your task, you need to share the link of the repository in the document.

The step-by-step process involved in completing this task should be documented.

## Write up

### Perform CRUD operations

- 1- Create DB called **SchoolDB**.
- 2- Create three tables (Class – Subject – Student) in DB.
- 3- Create an ASP.NET MVC project.
- 4- Create (Model-View –Controller) to three tables(Class – Subject – Student):
  - a. Connect DB with Applications with Models –DAL folder – Diagram DB
  - b. Create Student controller and views (create/update/details/delete).
  - c. Create Subject controller and views(create/update/details/delete) .
  - d. Create Class controller and views (create/update/details/delete).
- 5- Create **Index.cshml** to display all of them in individual page list (students/ Classes/ subjects).
- 6- Test application from browser.
- 7- Pushing application to GITHUB.
- 8- Link to the repository:

**Screen Shoots** → Anther file

**Source Code** → Anther file