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

**GitHub Link:** [**https://github.com/kiruthigarajendran1903/Phase2\_MVC\_Application\_to\_Manage\_Data\_for\_School\_Application/tree/master/WenAppPracticeSec\_4/WenAppPracticeSec\_4**](https://github.com/kiruthigarajendran1903/Phase2_MVC_Application_to_Manage_Data_for_School_Application/tree/master/WenAppPracticeSec_4/WenAppPracticeSec_4)

**Introduction:**

Creating a web-based application for school management in ASP.NET MVC that allows admin users to perform CRUD operations on the Student, Subject, and Class tables in a SQL Server database is a multi-step process.

**Create the ASP.NET MVC Project**

Open Visual Studio 2019.

Create a new ASP.NET MVC project.

Set up the project structure and add the necessary controllers, views, and models for Student, Subject, and Classes entities.

**Create the Database**

Using SQL Server Management Studio (SSMS), create a new database for your application.

Define tables for Student, Subject, and Class, and set up relationships as needed.

**Entity Framework Configuration**

Use Entity Framework to connect your ASP.NET MVC application to the SQL Server database.

Create Entity Framework models that correspond to the database tables.

**Implement CRUD Operations**

Create controllers and views for Student, Subject, and Classe entities.

Implement CRUD operations (Create, Read, Update, Delete) for each entity in the respective controller actions.

**Push to GitHub**

Commit your code changes to your local Git repository.

Push the code to your GitHub repository.