

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/WenAppPracticeSec4/WenAppPracticeSec4

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.