Assignment – Create an ASP.NET WEB API Application to Add Subject Marks to Students and View Their Marks

- A database was created – marks
- Three tables are required
  - Students
  - Marks
- Student – has 3 fields – StudentId, Name and Class.
- Marks – has 6 fields – Mid (primary Key), 4 subjects and StudentId which is the foreign key.
- ASP.NET WebAPI application is created using the basic template.
- Here we take a DbFirst Approach as the database has already been created.
- We choose the ADO.NET – Entity framework model template to create the model classes for our tables.
- Then we create Controllers for the tables using the model classes we just created, and CRUD operation methods are created too.
- Upon running the WebApp and navigating to - /api/Students or /api/Marks, we can see the entries in the table in json format.
- Using Fiddler, it was verified that GET, POST, PUT commands work well.

GitHub Link: https://github.com/Vijay1402/Create-a-WEB-API-App-add-Subject-Marks-to-Students