

## \*\*\*\*\*Read Me File\*\*\*\*\*

### Completed Assessment Areas

- 1) Complete This Practical Using .NET Core with ADO.NET - Done
- 2) Create SQL Table Named Customer with as mentioned fields - Done
- 3) Create SQL Table Named Order with as mentioned fields -Done
- 4) Create SQL Table Named Product with as mentioned fields - Done
- 5) Create SQL Table Name Supplier with as mentioned fields -Done
- 6) Create Web API endpoints for mentioned scenarios - Done
- 7) Use ADO.NET for 6.A, 6.B, 6.C & 6.D as Data access - Done
- 8) Create Stored procedure for 6.E to get required data from SQL -Done

## \*\*\*\*\*For More Information\*\*\*\*\*

A) Used technologies - C#, .NET.Core, ADO.NET

B) Added Best Practices

- Design Patterns - Repository Design Pattern
- Exception Handling - using Try - Catch
- REST API Architecture
- Using Store Procedures to reduce code inside the project file and for more readability.
- Use good naming for Methods, Interfaces and Implementations (Repositories)
- Add Comments for Web API methods
- Adding response messages
  - ✓ Handling the Customer cannot delete function, if that customer has any orders.
  - ✓ Handling the Customer cannot update if customer id not exists.

C) All Store Procedures are including with Database. Also add as a SQL file - **All\_Store\_Procedures** sql file.

D) Required Store Procedure Query can access via **sp\_GetActiveOrders** sql file.

E) **Extra:**

- Create API endpoint for **"CreateOrder/{UserId:Guid}"**

F) Project, Database, Postman Collection are added to Gi Repository.