

## Scope: Assignment for Day 19 – ADO.NET

### Expected Submission date: Day 19

Purpose of the assignment is to understand the ADO.NET.

#### Requirement:

1. Create a database named "TutorialDay19" in your local environment
2. Create a table using the following SQL script

```
CREATE TABLE [dbo].[Projects](  
[Id] [int] IDENTITY(1,1) NOT NULL,  
[Name] [varchar](255) NOT NULL,  
[Description] [nvarchar](1023) NULL,  
[StartDate] [datetime] NOT NULL,  
[EndDate] [datetime] NOT NULL,  
[IsActive] [bit] NOT NULL DEFAULT(1),  
)
```

3. Using visual studio create a console application names "TutorialDay19"
4. Under the console application
  - a. Create a function named "LoadAllRecord" to fetch the data from database using "SELECT \* FROM Projects"
    - i. Return type of this function is **DataTable**
    - ii. Display the records (with all available columns) in console.
  - b. Create a function to Add record to database using INSERT statement
    - i. On Successful insertion the function will return true, otherwise false
  - c. Build the application and collect evidence