Batch1: 05-04-24

Batch2: 05-04-24

**Experiment No.11**

Title: Implement a program to establish a connection between SQL Server dataset and a web form using ADO.net.

Aim: Implement a program to establish a connection between SQL Server dataset and a web form using ADO.net.

Softwares Used: Visual Studio Community Edition 2022

Lab Outcomes:

Students will be able to:

1. Create a data table using MS SL Server
2. Implement Database Connectivity with a web form using ADO.NET

Theory:

* About ADO.NET concept, different ways to implement ADO.NET. Explanation of [SqlClient](https://learn.microsoft.com/en-us/dotnet/framework/data/adonet/ado-net-code-examples#sqlclient) (System.Data.SqlClient)

**NOTE: Refer “ASPNET\_DB” PPT**

Procedure:

Steps:

1. Adding SQL Server Database Diagram printout of slide No.5
2. Right Click on “Tables” and click “Add New Table”

Creating schema of the table print out of slide No. 8 & 9

1. Click on Update and Update Database
2. In Server Explorer, right click on Database1.mdf and click on Refresh. (Print out of slide no. 11)
3. Right Click on Table and Click on “Show Table Data” (Print out of slide no. 12 & 13)
4. Design Registration web form. Select “SqlDataSource” from ToolBox and add it on the Web Form (Print out of slide no. 16 & 18)
5. Configure the data source (Take Print out of only slide no. 19)

Write down the steps of slide no. 20,21,23,24 & 25 **(No Print outs)**

**Problem Statement:** Design a Employee Registration form using ASP.NET web controls. The data of text boxes should be stored in the data table as user clicks on the submit button.

**Note:** Create a data table i.e. emp inside Database1.mdf file, populate it with 2 or 3 rows.

**Source Code:** Write C# Code Manually (Slide No.26)

Output: Take print out of slide no. 27 & 28

Conclusion: