**Kiến trúc hướng dịch vụ**

**Ngày 07-09-21**

**Cách tạo template của project**

dotnet new console

dotnet build

dotnet run

**MySQL: dotnet add package MySql.Data**

**SQL Server: cài package như hình dưới**

Graphical user interface, application

Description automatically generated

string connstring = @"server=127.0.0.1;user=root;password=12345;database=example07\_09\_21";

*MySqlConnection* conn = null;

            try

            {

                conn = new *MySqlConnection*(connstring);

                conn.Open();

                string query = "SELECT \* FROM sinh\_vien;";

*MySqlDataAdapter* da = new *MySqlDataAdapter*(query, conn);

*DataSet* ds = new *DataSet*();

                da.Fill(ds, "sinh\_vien");

*DataTable* dt = ds.Tables["sinh\_vien"];

                foreach (*DataRow* row in dt.Rows)

                {

                    foreach (*DataColumn* col in dt.Columns)

                    {

                        Console.Write(row[col] + "\t");

                    }

                    Console.Write("\n");

                }

            }

            catch (*Exception* e)

            {

                Console.WriteLine("Error: {0}", e.ToString());

            }

            finally

            {

                if (conn != null)

                {

                    conn.Close();

                }

            }

Diagram

Description automatically generated

**Ngày 14-09-21**

Diagram

Description automatically generated

Diagram

Description automatically generated

Text

Description automatically generated

Graphical user interface, text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Tạo Db First

Text

Description automatically generated

Tạo DB First:

dotnet new console

dotnet add package Pomelo.EntityFrameworkCore.MySql / MySql.Data.EntityFrameworkCore (**old version**)

dotnet add package Microsoft.EntityFrameworkCore.Design

dotnet-ef dbcontext scaffold "server=localhost,3306;user=root;password=vbosolutions\_DEV;database=UserDb;" "Pomelo.EntityFrameworkCore.MySql" -c DataContext

/

dotnet-ef dbcontext scaffold "server=127.0.0.1;user=root;password=12345;database=example07\_09\_21" Pomelo.EntityFrameworkCore.MySql -o Models

<https://dev.mysql.com/doc/connector-net/en/connector-net-entityframework-core-scaffold-example.html>

: dấu hỏi – cho biết giá trị có thể NULL

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text

Description automatically generated

Chart, box and whisker chart

Description automatically generated