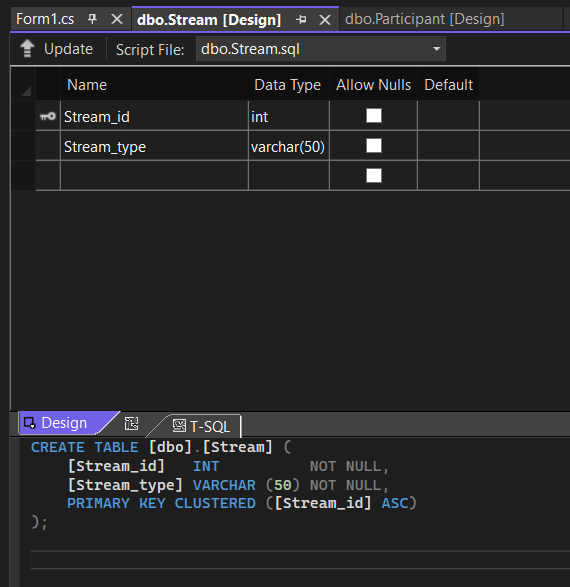
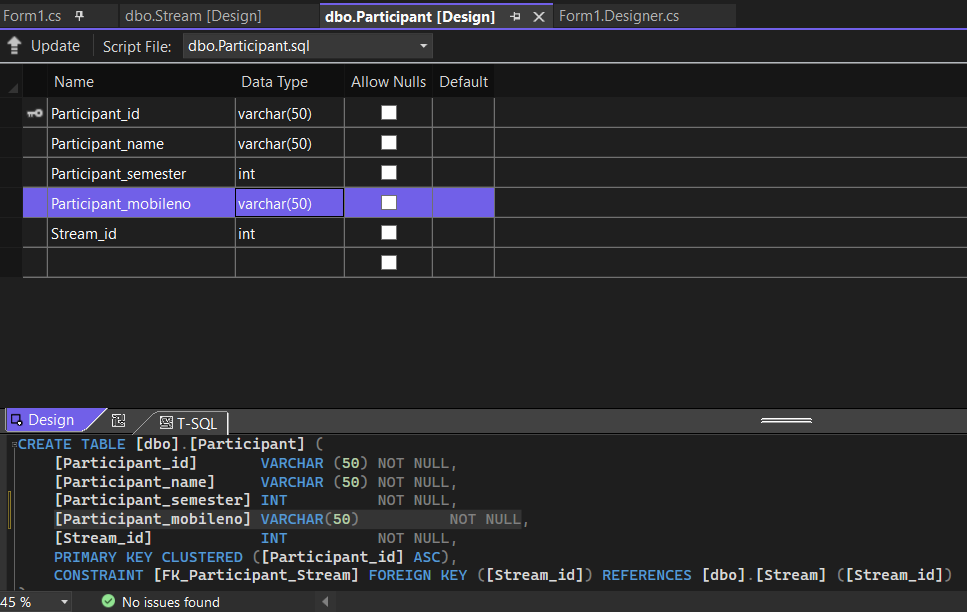
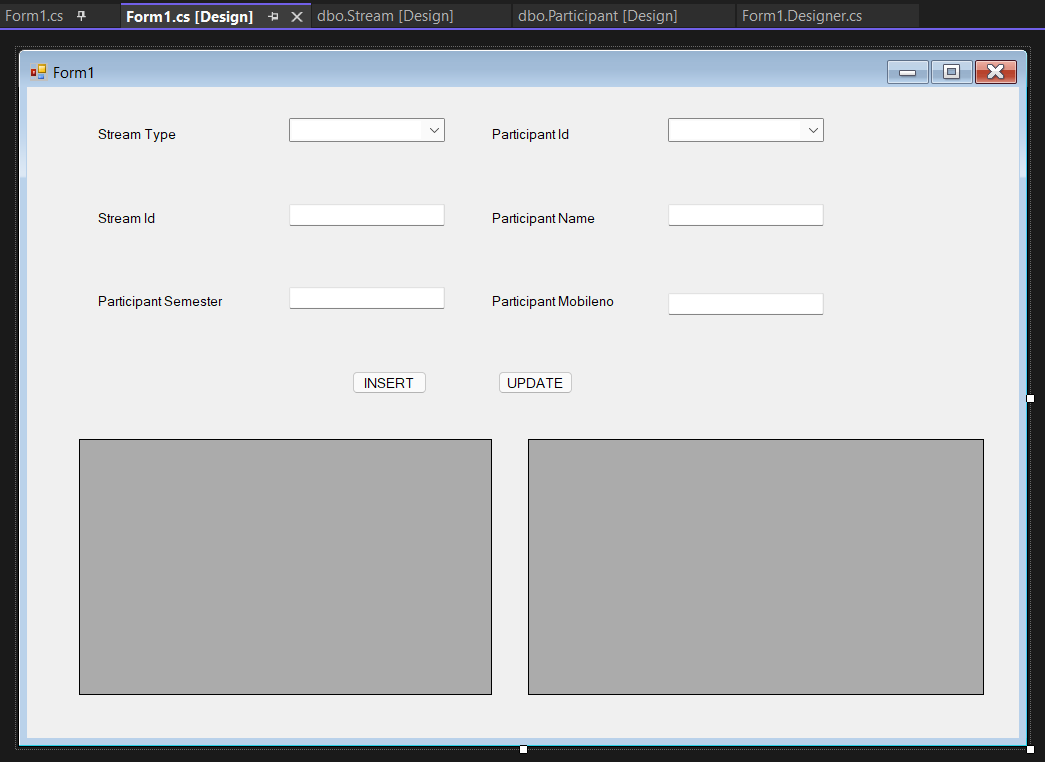
****

**Table -1 ^**

**Table – 2 :**

****

**Form design**

****

**code**

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Data.SqlClient;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace SET\_IV

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

cfill();

sfill();

}

public void cfill()

{

cmb\_pi.Items.Clear();

SqlConnection con = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\pares\OneDrive\Documents\new.mdf;Integrated Security=True;Connect Timeout=30");

string q = "select \* from Participant ";

SqlCommand cmd = new SqlCommand(q, con);

try

{

con.Open();

SqlDataReader dr = cmd.ExecuteReader();

while(dr.Read())

{

string Stream\_type = dr.GetString(0);

cmb\_pi.Items.Add(Stream\_type);

}

}

catch(SqlException excep)

{

MessageBox.Show(excep.Message);

}

con.Close();

}

public void sfill()

{

cmb\_st.Items.Clear();

SqlConnection con = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\pares\OneDrive\Documents\new.mdf;Integrated Security=True;Connect Timeout=30");

string q = "select \* from Stream ";

SqlCommand cmd = new SqlCommand(q, con);

try

{

con.Open();

SqlDataReader dr = cmd.ExecuteReader();

while (dr.Read())

{

string Participant\_id = dr.GetString(1);

cmb\_st.Items.Add(Participant\_id);

}

}

catch (SqlException excep)

{

MessageBox.Show(excep.Message);

}

con.Close();

}

public void disp\_Stream()

{

SqlConnection con = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\pares\OneDrive\Documents\new.mdf;Integrated Security=True;Connect Timeout=30");

con.Open();

SqlCommand cmd = con.CreateCommand();

cmd.CommandType = CommandType.Text;

cmd.CommandText = "select \* from Stream";

DataTable dt = new DataTable();

SqlDataAdapter da = new SqlDataAdapter(cmd);

da.Fill(dt);

dgv1.DataSource = dt;

con.Close();

}

public void disp\_Participant()

{

SqlConnection con = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\pares\OneDrive\Documents\new.mdf;Integrated Security=True;Connect Timeout=30");

con.Open();

SqlCommand cmd = con.CreateCommand();

cmd.CommandType = CommandType.Text;

cmd.CommandText = "select \* from Participant";

DataTable dt = new DataTable();

SqlDataAdapter da = new SqlDataAdapter(cmd);

da.Fill(dt);

dgv2.DataSource = dt;

con.Close();

}

private void btn\_insert\_Click(object sender, EventArgs e)

{

SqlConnection con = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\pares\OneDrive\Documents\new.mdf;Integrated Security=True;Connect Timeout=30");

con.Open();

try

{

string str = "insert into Participant(Participant\_id,Participant\_name,Participant\_semester,Participant\_mobileno,Stream\_id)values('" + cmb\_pi.Text + "','" + txt\_pn.Text + "' ,'" + txt\_ps.Text + "' ,'" + txt\_pm.Text + "' ,'" + txt\_si.Text + "' ) ;";

SqlCommand cmd = new SqlCommand(str, con);

cmd.ExecuteNonQuery();

string str1 = "select max(Participant\_id) from Participant; ";

SqlCommand cmd1 = new SqlCommand(str1, con);

SqlDataReader dr = cmd1.ExecuteReader();

if(dr.Read())

{

MessageBox.Show("Data saved successfully.");

txt\_pn.Text = "";

txt\_ps.Text = "";

txt\_pm.Text = "";

txt\_si.Text = "";

cmb\_pi.Text = "";

}

}

catch(SqlException excep)

{

MessageBox.Show(excep.Message);

}

con.Close();

cfill();

sfill();

disp\_Stream();

disp\_Participant();

}

private void cmb\_st\_SelectedIndexChanged(object sender, EventArgs e)

{

SqlConnection con = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\pares\OneDrive\Documents\new.mdf;Integrated Security=True;Connect Timeout=30");

string q = "select \* from Stream where Stream\_type='" + cmb\_st.Text + "';";

SqlCommand cmd = new SqlCommand(q, con);

try

{

con.Open();

SqlDataReader dr = cmd.ExecuteReader();

while (dr.Read())

{

string Stream\_id = dr.GetInt32(0).ToString();

txt\_si.Text = Stream\_id;

}

}

catch (SqlException excep)

{

MessageBox.Show(excep.Message);

}

con.Close();

}

private void cmb\_pi\_SelectedIndexChanged(object sender, EventArgs e)

{

SqlConnection con = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\pares\OneDrive\Documents\new.mdf;Integrated Security=True;Connect Timeout=30");

string q = "select \* from Participant where Participant\_id ='" + cmb\_pi.Text+ "';";

SqlCommand cmd = new SqlCommand(q, con);

try

{

con.Open();

SqlDataReader dr = cmd.ExecuteReader();

while(dr.Read())

{

string Participant\_name = dr.GetString(1);

string Participant\_semester=dr.GetInt32(2).ToString();

string Participant\_mobileno = dr.GetString(3);

txt\_pn.Text = Participant\_name;

txt\_ps.Text = Participant\_semester;

txt\_pm.Text = Participant\_mobileno;

}

}

catch(SqlException excep)

{

MessageBox.Show(excep.Message);

}

con.Close();

}

private void btn\_update\_Click(object sender, EventArgs e)

{

SqlConnection con = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\pares\OneDrive\Documents\new.mdf;Integrated Security=True;Connect Timeout=30");

string query = ("update Stream set Stream\_id=@Stream\_id,Stream\_type=@Stream\_type where Stream\_id=@Stream\_id");

SqlCommand cmd = new SqlCommand(query, con);

cmd.Parameters.AddWithValue("@Stream\_id", txt\_si.Text);

cmd.Parameters.AddWithValue("@Stream\_type", cmb\_st.Text);

try

{

con.Open();

int i = cmd.ExecuteNonQuery();

if (i > 0)

MessageBox.Show("Data is updated");

else

MessageBox.Show("Data not found");

}

catch (SqlException excep)

{

MessageBox.Show(excep.Message);

}

con.Close();

cfill();

sfill();

disp\_Stream();

disp\_Participant();

}

}

}