SQL

CREATE TABLE [dbo].[Assess](

[id] [int] NOT NULL,

[Assess] [int] NULL,

[date] [datetime] NULL,

[student] [int] NULL,

[teacher] [int] NULL,

[Subject] [varchar](150) NULL,

CONSTRAINT [PK\_Assess] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY]

GO

ALTER TABLE [dbo].[Assess] ADD CONSTRAINT [DF\_Assess\_date] DEFAULT (getdate()) FOR [date]

GO

CREATE TABLE [dbo].[Courses](

[id] [int] NOT NULL,

[Subject] [varchar](150) NULL,

[c\_level] [varchar](50) NULL,

[department] [varchar](50) NULL,

[class] [varchar](50) NULL,

[teacher] [int] NULL,

[Date] [varchar](150) NULL,

[Time] [time](7) NULL,

CONSTRAINT [PK\_Courses] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY]

GO

CREATE TABLE [dbo].[Degrees](

[degree\_id] [int] NOT NULL,

[year] [varchar](50) NULL,

[course] [varchar](50) NULL,

[subject] [varchar](50) NULL,

[degree] [int] NULL,

[student] [int] NULL,

[type] [varchar](50) NULL,

CONSTRAINT [PK\_Degree] PRIMARY KEY CLUSTERED

(

[degree\_id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY]

GO

CREATE TABLE [dbo].[Pay](

[id\_money] [int] NOT NULL,

[money\_part1] [float] NULL,

[money\_part2] [float] NULL,

[Studnet\_number] [int] NOT NULL,

[State] [varchar](50) NULL,

[date\_pay] [date] NULL,

[Year] [int] NOT NULL,

CONSTRAINT [PK\_Money] PRIMARY KEY CLUSTERED

(

[id\_money] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY]

GO

ALTER TABLE [dbo].[Pay] ADD CONSTRAINT [DF\_Pay\_money\_part1] DEFAULT ((0)) FOR [money\_part1]

GO

ALTER TABLE [dbo].[Pay] ADD CONSTRAINT [DF\_Pay\_money\_part2] DEFAULT ((0)) FOR [money\_part2]

GO

ALTER TABLE [dbo].[Pay] ADD CONSTRAINT [DF\_Pay\_State] DEFAULT ('مطلوب') FOR [State]

GO

ALTER TABLE [dbo].[Pay] ADD CONSTRAINT [DF\_Money\_date\_pay] DEFAULT (getdate()) FOR [date\_pay]

GO

ALTER TABLE [dbo].[Pay] ADD CONSTRAINT [DF\_Pay\_Year] DEFAULT ((2022)) FOR [Year]

GO

CREATE TABLE [dbo].[Salary](

[id] [int] NOT NULL,

[salary] [float] NULL,

[Reward] [int] NULL,

[teacher] [int] NULL,

[type] [varchar](50) NULL,

[Allocations] [varchar](50) NULL,

[Total] [float] NULL,

CONSTRAINT [PK\_Salary] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY]

GO

CREATE TABLE [dbo].[School\_info](

[name] [varchar](50) NULL,

[type] [varchar](50) NULL,

[Description] [varchar](500) NULL,

[Created] [date] NULL

) ON [PRIMARY]

GO

ALTER TABLE [dbo].[School\_info] ADD CONSTRAINT [DF\_School\_info\_Created] DEFAULT (getdate()) FOR [Created]

GO

CREATE TABLE [dbo].[Spending](

[spending\_id] [int] NOT NULL,

[Type] [varchar](50) NULL,

[spending] [float] NULL,

[detauls] [varchar](150) NULL,

[date] [datetime] NULL,

CONSTRAINT [PK\_Spending\_1] PRIMARY KEY CLUSTERED

(

[spending\_id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY]

GO

ALTER TABLE [dbo].[Spending] ADD CONSTRAINT [DF\_Spending\_date] DEFAULT (getdate()) FOR [date]

GO

CREATE TABLE [dbo].[Student](

[Student\_id] [int] NOT NULL,

[Student\_Name] [varchar](50) NULL,

[Gender] [varchar](50) NULL,

[Birthday] [date] NULL,

[study\_Level] [varchar](50) NULL,

[department] [varchar](50) NULL,

[city] [varchar](50) NULL,

[phone] [varchar](50) NULL,

[Class] [varchar](2) NULL,

[image] [image] NULL,

[Guardian] [varchar](50) NULL,

[Neighborhood] [varchar](50) NULL,

[Mahalla] [varchar](50) NULL,

[Alley\_and\_number] [varchar](50) NULL,

[hometown] [varchar](50) NULL,

[Nationality] [varchar](50) NULL,

[identity\_number] [bigint] NULL,

[record] [varchar](50) NULL,

[page] [int] NULL,

[Civil\_Status] [varchar](50) NULL,

[Old\_school] [varchar](50) NULL,

[Recruitment\_Department] [varchar](50) NULL,

[Transfer\_document\_total] [varchar](50) NULL,

[Document\_date] [date] NULL,

CONSTRAINT [PK\_Student] PRIMARY KEY CLUSTERED

(

[Student\_id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY] TEXTIMAGE\_ON [PRIMARY]

GO

ALTER TABLE [dbo].[Student] ADD CONSTRAINT [DF\_Student\_Nationality] DEFAULT ('عراقية') FOR [Nationality]

GO

CREATE TABLE [dbo].[Teacher](

[id\_teacher] [int] NOT NULL,

[name\_teacher] [varchar](50) NULL,

[Birthday] [date] NULL,

[City] [varchar](50) NULL,

[Gender] [varchar](50) NULL,

[Mobile] [varchar](50) NULL,

[Email] [varchar](50) NULL,

[Circle] [varchar](50) NULL,

[Graduate] [varchar](50) NULL,

[university] [varchar](50) NULL,

[college] [varchar](50) NULL,

[Mother\_name] [varchar](50) NULL,

[wife\_name] [varchar](50) NULL,

[wife\_profession] [varchar](50) NULL,

[number\_of\_children] [varchar](50) NULL,

[Date\_of\_marriage] [date] NULL,

[Date\_and\_order\_of\_the\_first\_appointment] [date] NULL,

[Date\_and\_first\_order\_directly] [date] NULL,

[At\_the\_current\_school] [date] NULL,

[Jurisdiction] [varchar](50) NULL,

[National\_ID\_number] [varchar](50) NULL,

[National\_ID\_date] [date] NULL,

[Residence\_card\_number] [varchar](50) NULL,

[Residence\_card\_date] [date] NULL,

[ration\_card\_number] [varchar](50) NULL,

[ration\_card\_date] [date] NULL,

[Agent\_name] [varchar](50) NULL,

[Center\_number] [varchar](50) NULL,

[Center\_name] [varchar](50) NULL,

[MasterCard] [varchar](50) NULL,

[Graduation\_Year] [varchar](50) NULL,

[average] [varchar](50) NULL,

[teacher\_status] [varchar](50) NULL,

[Thanks\_Books] [varchar](50) NULL,

[A\_special\_place\_1] [varchar](50) NULL,

[A\_special\_place\_2] [varchar](50) NULL,

CONSTRAINT [PK\_Teacher] PRIMARY KEY CLUSTERED

(

[id\_teacher] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY]

GO

CREATE TABLE [dbo].[Users](

[id\_user] [int] NOT NULL,

[username] [varchar](50) NOT NULL,

[password] [varchar](50) NOT NULL,

[type] [varchar](50) NULL,

[allow] [varchar](50) NULL,

CONSTRAINT [PK\_Users] PRIMARY KEY CLUSTERED

(

[id\_user] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY]

GO

ALTER TABLE [dbo].[Users] ADD CONSTRAINT [DF\_Users\_type] DEFAULT ('موظف') FOR [type]

GO

ALTER TABLE [dbo].[Users] ADD CONSTRAINT [DF\_Users\_allow] DEFAULT ('False') FOR [allow]

GO

VB.NET

Public cn As New SqlConnection("Data Source=اسم السيرفر; Initial Catalog=اسم قاعدة البيانات ; Integrated Security=True")

**Add**

Dim sql As String = "INSERT INTO Table (id, name) “\_

& "VALUES ('" & TextBox1.Text & "','" & TextBox2.Text & "')"

Dim cmd As New SqlCommand(sql, cn)

cn.Open()

cmd.ExecuteNonQuery()

cn.Close()

**Update**

Dim sql As String = "update Table set sup\_name='" & TextBox2.Text & "' where id='" & TextBox1.Text & "'"

Dim cmd As New SqlCommand(sql, cn)

cn.Open()

cmd.ExecuteNonQuery()

cn.Close()

**Delete**

Dim sql As String = "Delete From Table where

id='" & TextBox1.Text & "'"

Dim com = New SqlCommand(sql, cn)

cn.Open()

com.ExecuteNonQuery()

cn.Close()

**Show**

Dim SQL As String = "Select \* From Table"

Dim command As New SqlCommand(SQL, cn)

Dim adapter As New SqlDataAdapter(command)

Dim table As New DataTable()

adapter.Fill(table)

DataGridView1.DataSource = table