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
```

```
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
```