

**TRƯỜNG CAO ĐẲNG THỰC HÀNH
FPT-POLYTECHNIC TP.HCM**



ASSIGNMENT_INF205

Điện Toán Đám Mây

Sinh viên thực hiện:

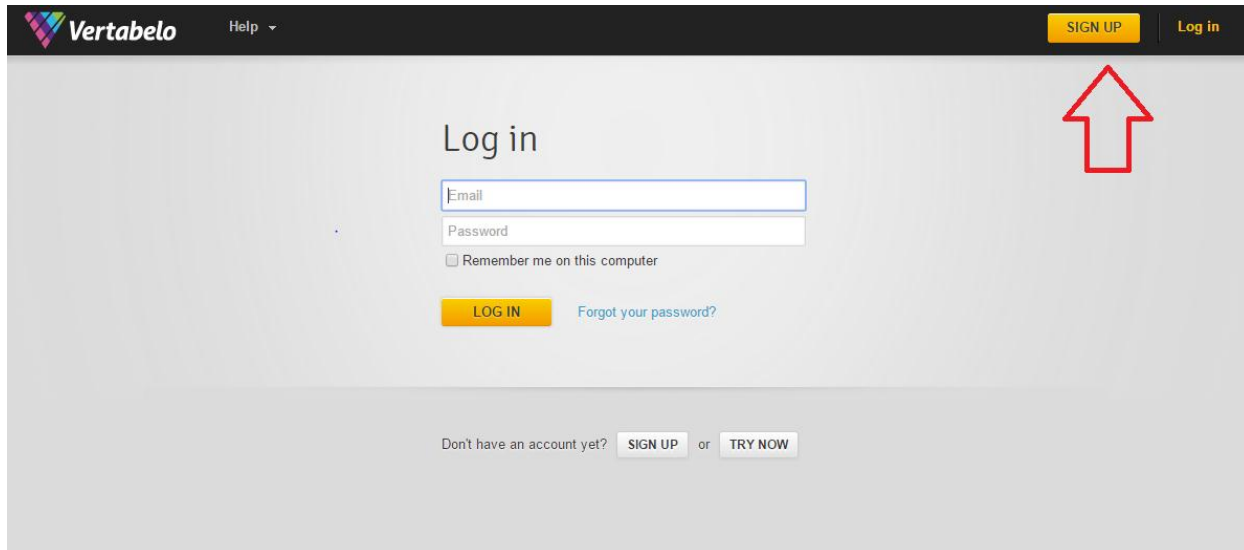
- ✓ Mã số: PS03510
- ✓ Họ và tên: Trần Vũ Hoàng
- ✓ Lớp: PT10304

TP. HỒ CHÍ MINH - 2015

Yêu cầu 1: xây dựng một database

Truy cập trang <https://my.vertabelo.com/>

Click sign up



The screenshot shows the Vertabelo login page. At the top, there is a dark navigation bar with the Vertabelo logo on the left, a 'Help' dropdown menu in the center, and two buttons on the right: 'SIGN UP' (highlighted in yellow) and 'Log in'. A red arrow points to the 'SIGN UP' button. Below the navigation bar, the main content area has a light gray background. In the center, there is a 'Log in' section with two input fields for 'Email' and 'Password', a checkbox for 'Remember me on this computer', a yellow 'LOG IN' button, and a link for 'Forgot your password?'. At the bottom of the page, there is a link 'Don't have an account yet?' followed by 'SIGN UP' and 'TRY NOW' buttons.

Điền thông tin -> create account

Click continue

Your email address is confirmed now.

CONTINUE



Chọn chế độ

1. Create account

2. Set up plan

3. Invite friends

Set up your account plan

☐ I already have an activation code ?

Choose plan:

Team

Premium

Basic

You want to:

Buy now

Try for free

NEXT

Mời bạn bè

Invite friends

Vertabelo was designed to make it easy to collaborate with others.

Our collaboration feature lets you share models with your colleagues, co-workers, business partners or anyone who participates in the project you've been working on.

So don't let them not know about Vertabelo! Put their emails below and we'll send them an invitation to sign up for their Vertabelo accounts.

Note that we will use these emails only once to send an invitation,

Put emails here:

x hoang0905919290@gmail.com

Message:

Hi!

I have just signed up for a personal account at Vertabelo.

Vertabelo is a web-based database modeling tool which I'm going to use for database design. It has great collaboration features, so we could share our models and work on them online.

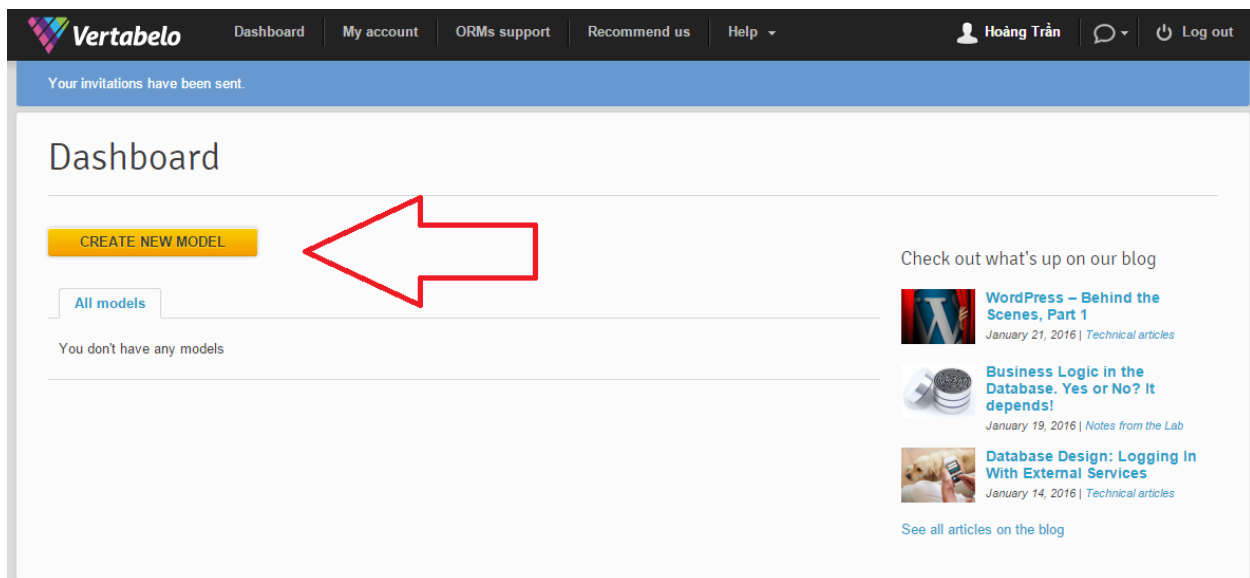
If you like this idea, sign up for a Vertabelo account too.

INVITE NOW

[I don't have friends](#)

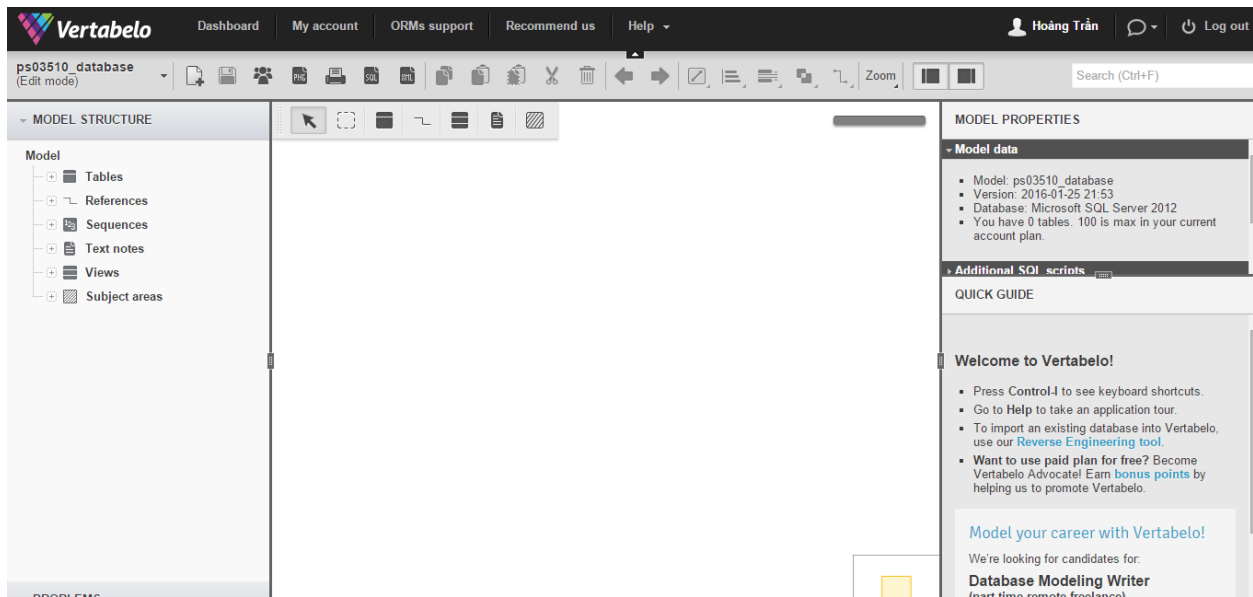
Hoàn tất

Click create new model để tạo database



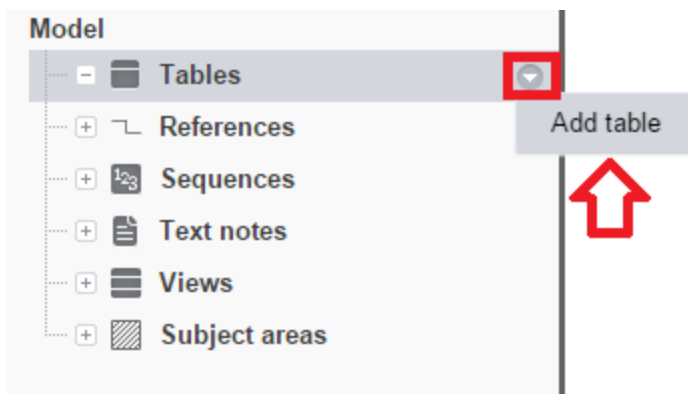
Đặt tên, cấu hình cho database -> start modeling

Hoàn thành: giao diện chính

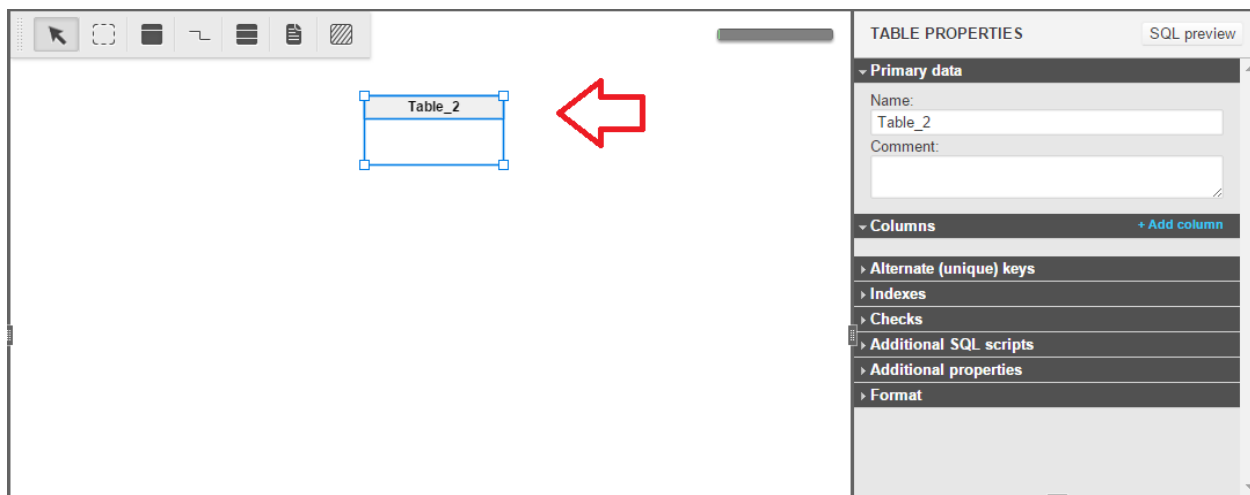


Tiến hành tạo bảng :

Click add table



Hoàn tất



Click vào bên phải để đặt tên và thêm cột cho bảng

Đặt tên bảng

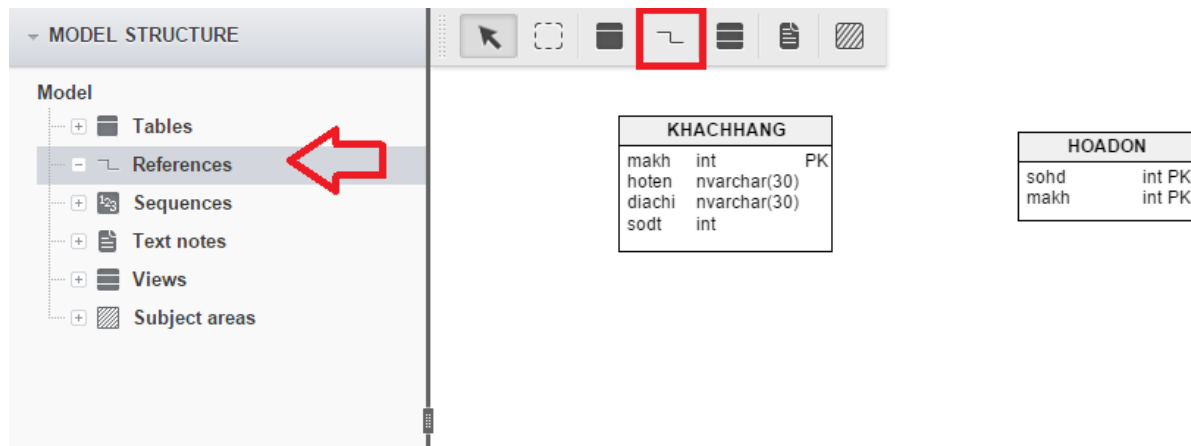
Click vào + add column để thêm cột cho bảng

Click PK để đặt khóa chính cho bảng, click N để cho phép cột được NULL

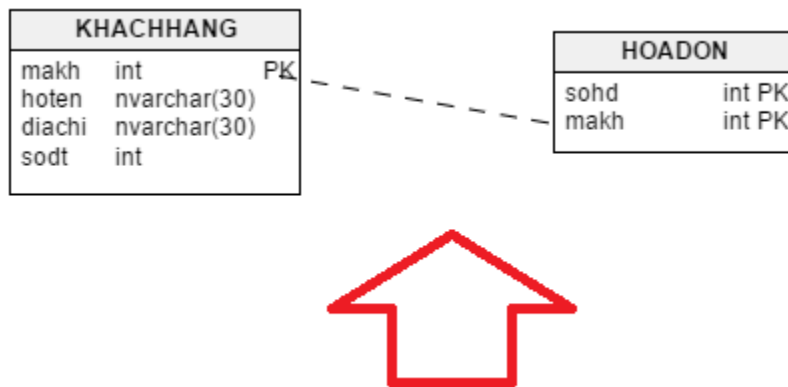
Name	Type	N	PK
makh	int	<input type="checkbox"/>	<input checked="" type="checkbox"/>
hoten	nvarchar(30)	<input type="checkbox"/>	<input type="checkbox"/>
diachi	nvarchar(50)	<input type="checkbox"/>	<input type="checkbox"/>
sodt	int	<input type="checkbox"/>	<input type="checkbox"/>

Tạo quan hệ :

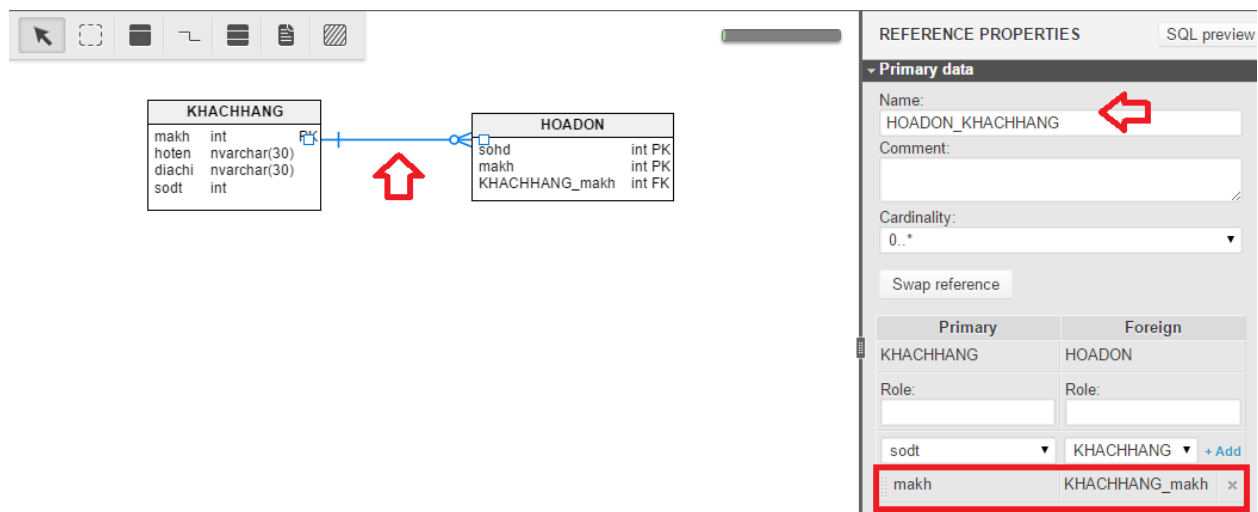
Click references và click biểu tượng trên thanh công cụ



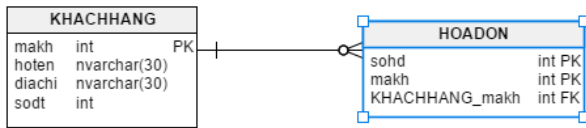
Click chuột vào bảng KHACHHANG và rê chuột sang bảng HOADON



Click vào sợi quan hệ để chỉnh sửa quan hệ



Xóa dòng KHACHHANG_makh được tự tạo



Primary data

Name: HOADON

Comment:

Columns + Add column

Name	Type	N	PK
sohd	int		<input checked="" type="checkbox"/>
makh	int		<input checked="" type="checkbox"/>
KHACHHANG	int		<input type="checkbox"/>

Click vào dây quan hệ để tạo quan hệ mới

Chọn makh ở 2 bảng -> add

REFERENCE PROPERTIES SQL preview

Primary data

Name: HOADON_KHACHHANG

Comment:

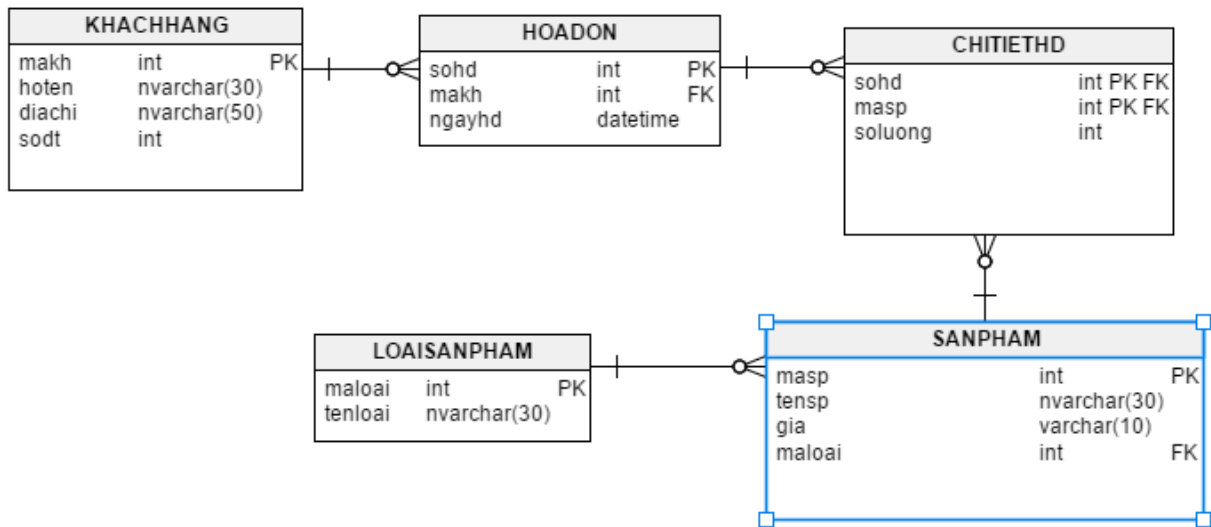
Cardinality: 0..*

Swap reference

Primary	Foreign
KHACHHANG	HOADON
Role:	Role:
makh	makh
makh	-

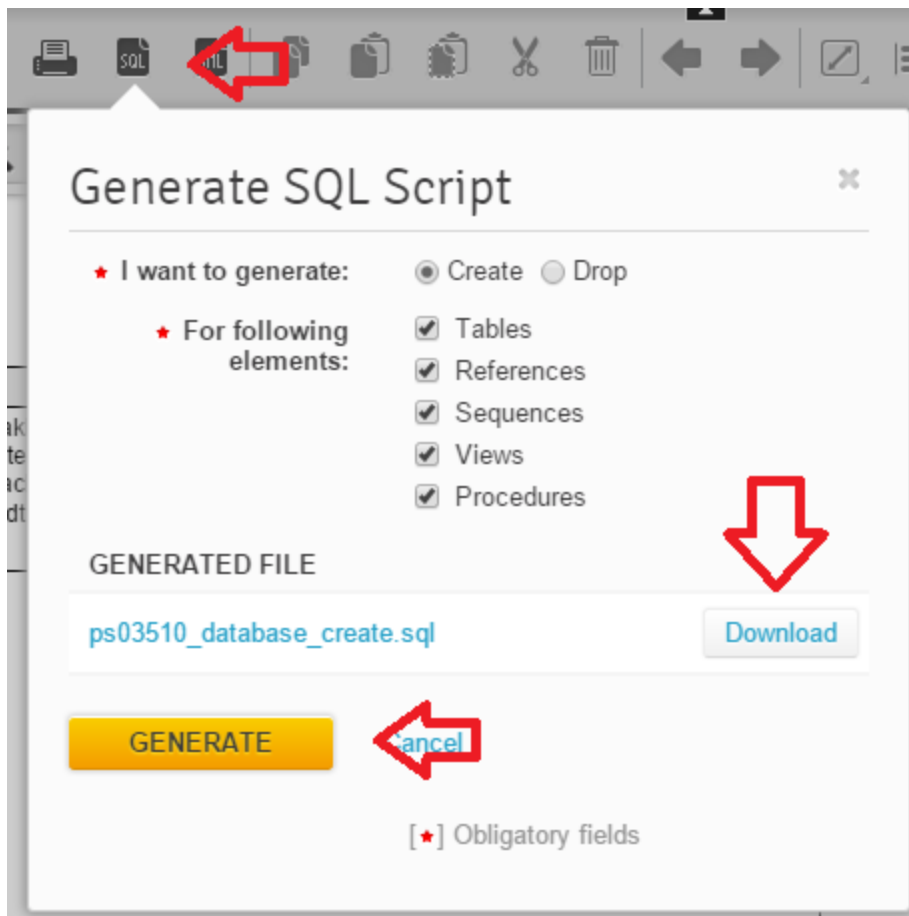
Làm tương tự cho các bảng còn lại

Hoàn thành:



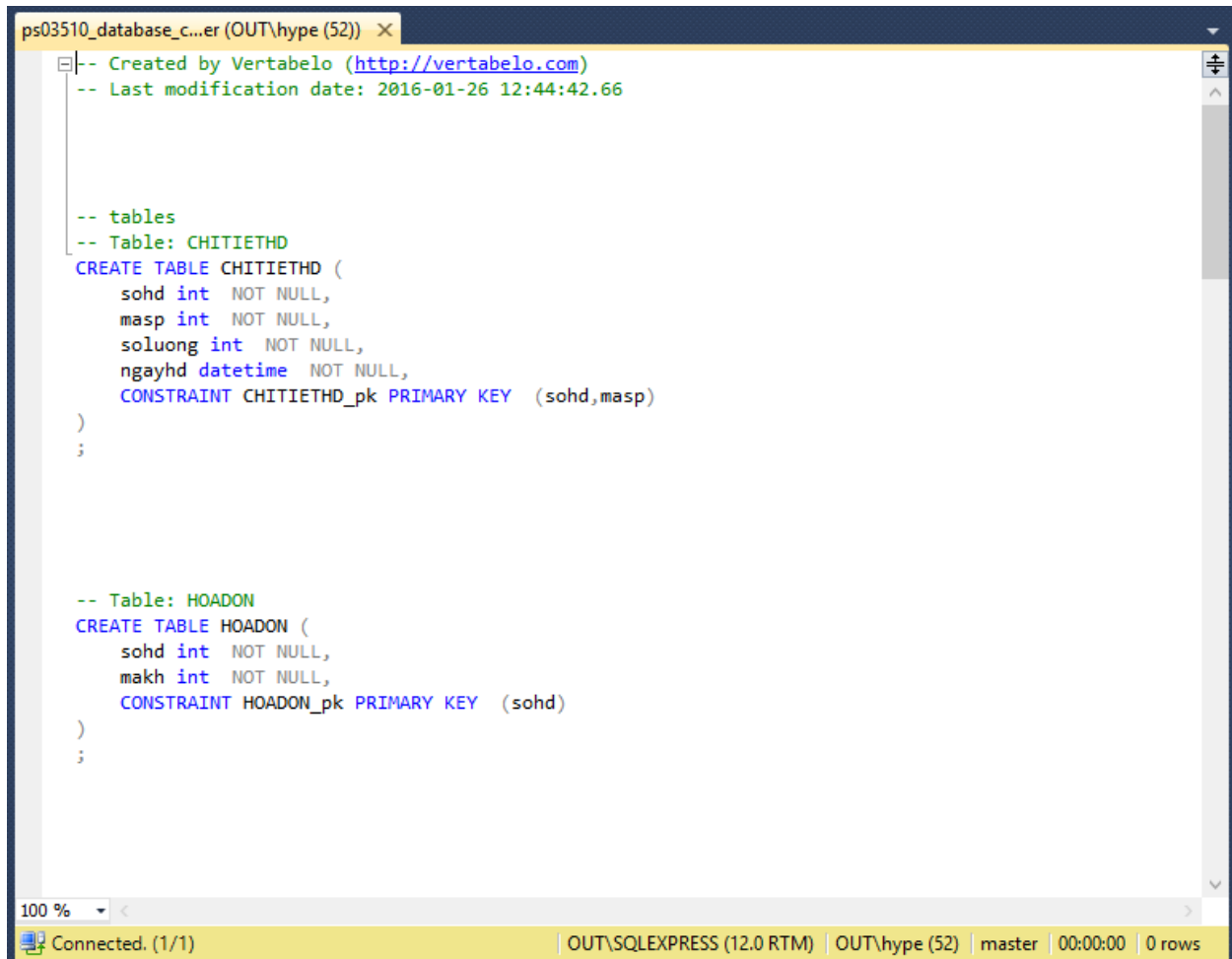
Xuất database vừa tạo

Click vào biểu tượng SQL -> generate -> download



Mở file vừa download lên bằng SQL Server

Chúng ta sẽ có đoạn script để tạo database đã thao tác trên vertabelo



```
ps03510_database_c...er (OUT\hype (52)) X
-- Created by Vertabelo (http://vertabelo.com)
-- Last modification date: 2016-01-26 12:44:42.66

-- tables
-- Table: CHITIETHD
CREATE TABLE CHITIETHD (
    sohhd int NOT NULL,
    masp int NOT NULL,
    soluong int NOT NULL,
    ngayhd datetime NOT NULL,
    CONSTRAINT CHITIETHD_pk PRIMARY KEY (sohhd,masp)
)
;

-- Table: HOADON
CREATE TABLE HOADON (
    sohhd int NOT NULL,
    makh int NOT NULL,
    CONSTRAINT HOADON_pk PRIMARY KEY (sohhd)
)
;
```

100 % < >

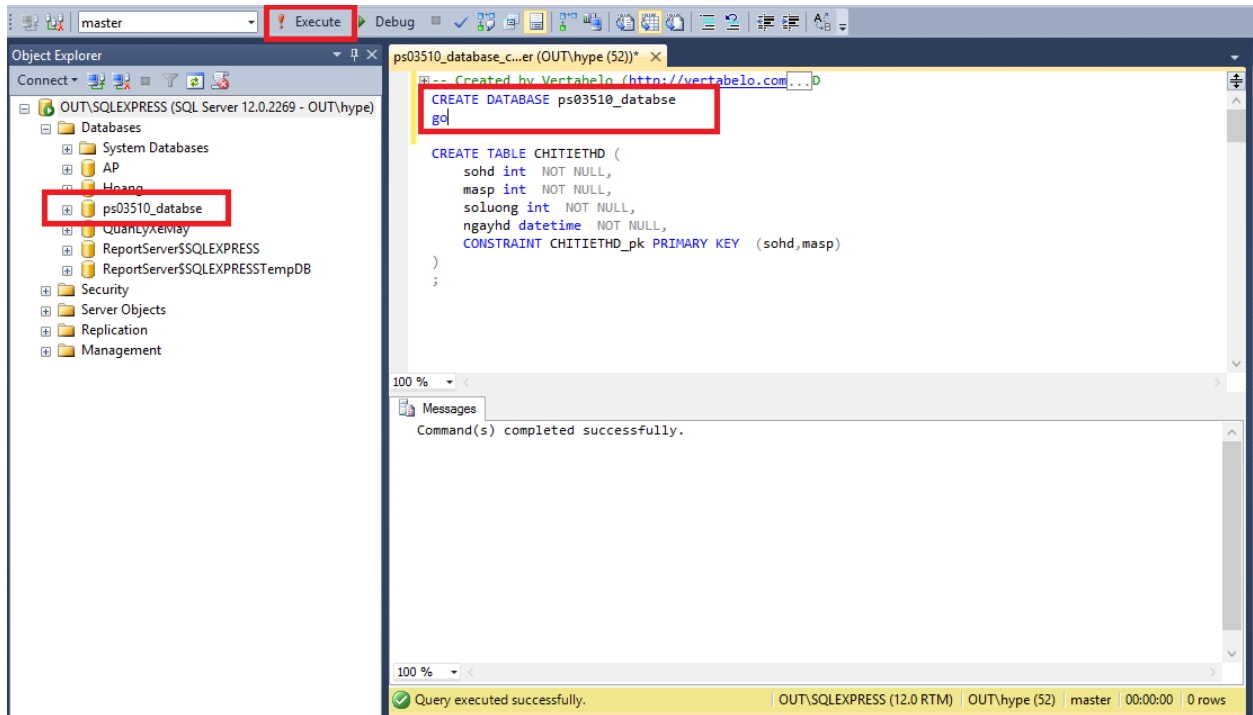
Connected. (1/1) | OUT\SQLEXPRESS (12.0 RTM) | OUT\hype (52) | master | 00:00:00 | 0 rows

Thêm

```
CREATE DATABASE ps03510_databse
go
```

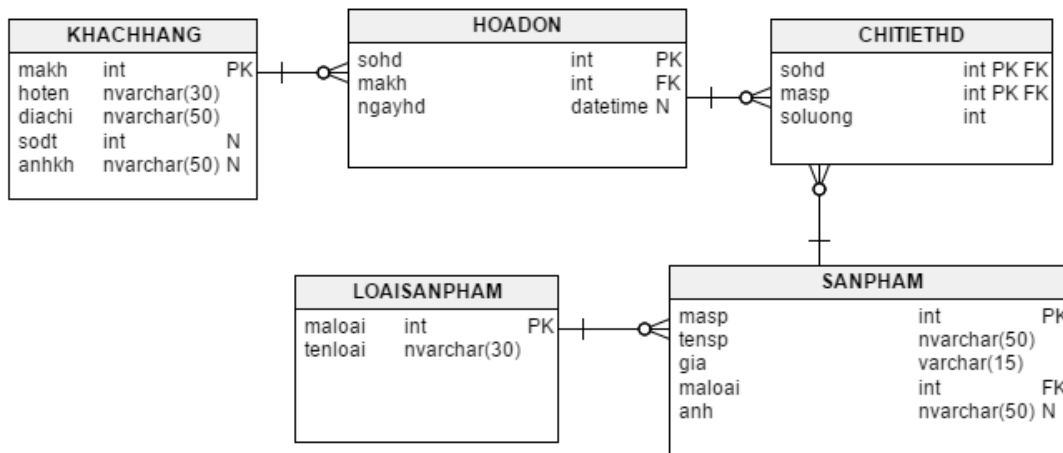
click execute ->

đã tạo thành công database



Tạo database diagrams

Đây là database chúng ta đã tạo trên web



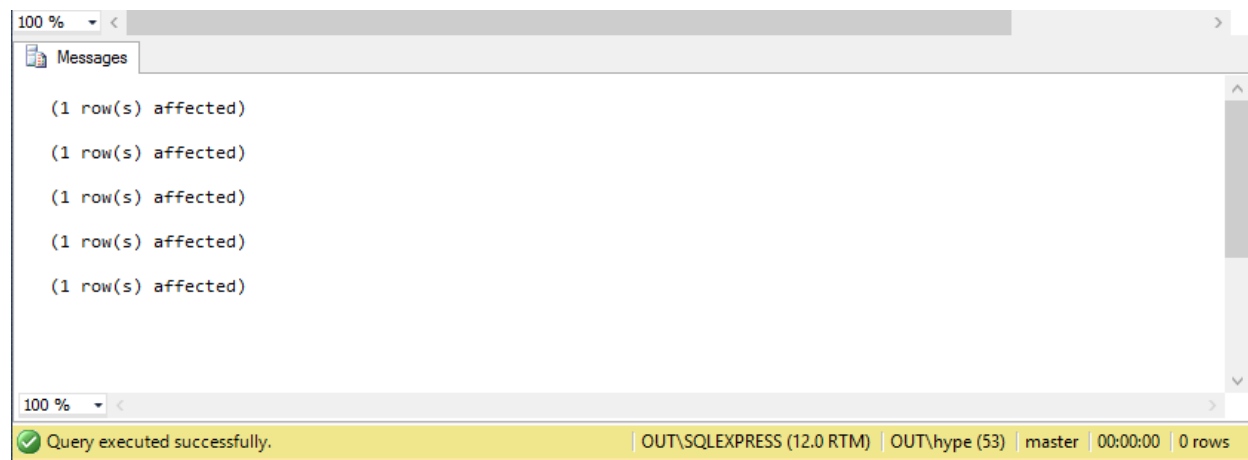
Tiến hành nhập dữ liệu cho database :

BẢNG KHACHHANG :

```

INSERT INTO KHACHHANG VALUES(1,N'Trần Vũ Hoàng',N'10 Trần Kế Xương, F.7, Q.Phú Nhuận, TP.HCM', '0905919290', '1.jpg')
INSERT INTO KHACHHANG VALUES(2,N'Trần Quang Huy',N'436A/63 đường 3/2, P12, Q10, HCM', '01658601161', '2.jpg')
INSERT INTO KHACHHANG VALUES(3,N'Hoàng Trung Tuấn',N'33/14 Bình Đường II An Bình Dĩ An', '1869104611', '3.jpg')
INSERT INTO KHACHHANG VALUES(4,N'Vũ Đình Thi',N'26, Đồng Đen, P14, Q. Tân Bình, HCM', '01864840426', '4.jpg')
INSERT INTO KHACHHANG VALUES(5,N'Võ Thanh Hà',N'45A Hòa Bình, P. Tân Thới Hòa, Q. Tân Phú, HCM', '01266864347', '5.jpg')

```



Kiểm tra :

```
select * from KHACHHANG
```

Results					
	makh	hoten	diachi	sodt	anhkh
1	1	Trần Vũ Hoàng	10 Trần Kế Xương, F.7, Q.Phú Nhuận, TP.HCM	905919290	1.jpg
2	2	Trần Quang Huy	436A/63 đường 3/2, P12, Q10, HCM	1658601161	2.jpg
3	3	Hoàng Trung Tuấn	33/14 Bình Đường II An Bình Dĩ An	1869104611	3.jpg
4	4	Vũ Đình Thi	26, Đồng Đen, P14, Q. Tân Bình, HCM	1864840426	4.jpg
5	5	Võ Thanh Hà	45A Hòa Bình, P. Tân Thới Hòa, Q. Tân Phú, HCM	1266864347	5.jpg

The screenshot shows the SQL Server Enterprise Manager interface. The 'Results' window displays the output of the 'select * from KHACHHANG' query. The table has 6 columns: makh, hoten, diachi, sodt, and anhkh. The status bar at the bottom indicates 'Query executed successfully.' and provides details: 'OUT\SQLEXPRESS (12.0 RTM) | OUT\hype (54) | INF205_PS03510 | 00:00:00 | 5 rows'.

BẢNG HOADON :

```

INSERT INTO HOADON VALUES(1,1, '2-14-2013')
INSERT INTO HOADON VALUES(2,2, '3-1-2014')
INSERT INTO HOADON VALUES(3,3, '5-28-2014')
INSERT INTO HOADON VALUES(4,5, '7-15-2015')
INSERT INTO HOADON VALUES(5,4, '10-31-2015')
INSERT INTO HOADON VALUES(6,3, '12-24-2015')

```



KIỂM TRA:

SELECT * FROM HOADON

100 %

Results Messages

	sohd	makh	ngayhd
1	1	1	2013-02-14 00:00:00.000
2	2	2	2014-03-01 00:00:00.000
3	3	3	2014-05-28 00:00:00.000
4	4	5	2015-07-15 00:00:00.000
5	5	4	2015-10-31 00:00:00.000
6	6	3	2015-12-24 00:00:00.000

Query executed successfully. | OUT\SQLEXPRESS (12.0 RTM) | OUT\hype (53) | ps03510_database | 00:00:00 | 6 rows

BẢNG LOAISANPHAM

```

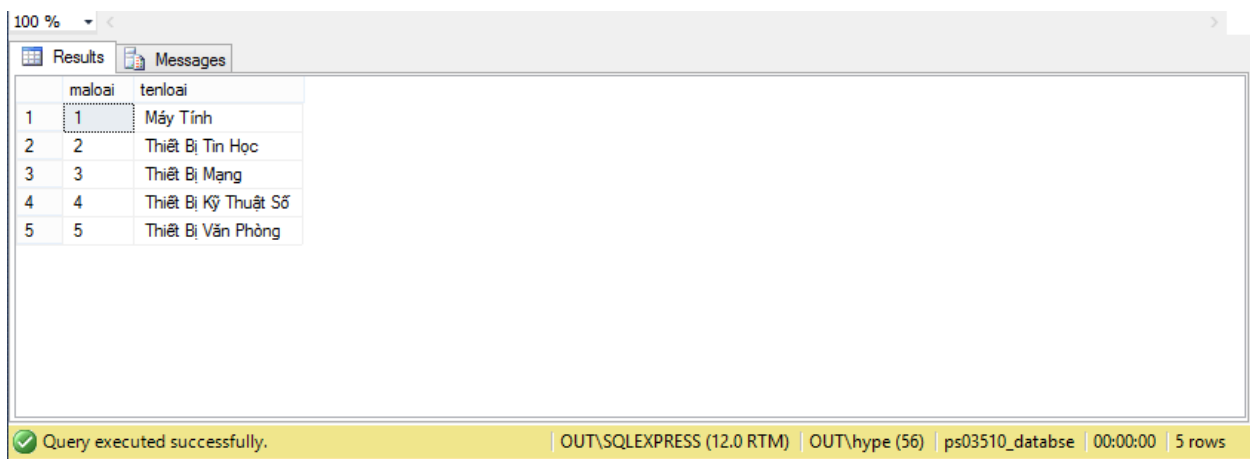
INSERT INTO LOAISANPHAM VALUES(1,N'Máy Tính')
INSERT INTO LOAISANPHAM VALUES(2,N'Thiết Bị Tin Học')
INSERT INTO LOAISANPHAM VALUES(3,N'Thiết Bị Mạng')
INSERT INTO LOAISANPHAM VALUES(4,N'Thiết Bị Kỹ Thuật Số')
INSERT INTO LOAISANPHAM VALUES(5,N'Thiết Bị Văn Phòng')

```



KIỂM TRA:

SELECT * FROM LOAISANPHAM



BẢNG SẢN PHẨM:

```
INSERT INTO SANPHAM VALUES(1,N'Laptop Macbook Pro MF841',40200000,1 , '1.jpg')
INSERT INTO SANPHAM VALUES(2,N'Bộ nhớ DDR3 Kingston 8GB',970000,2 , '2.jpg')
INSERT INTO SANPHAM VALUES(3,N'TPLink TL-WR841N',390000,3 , '3.jpg')
INSERT INTO SANPHAM VALUES(4,N'Camera eView IRD2803A10H',820000,4 , '4.jpg')
INSERT INTO SANPHAM VALUES(5,N'Máy in Canon Pixma E560',2500000,5 , '5.jpg')
```


100 %

Messages

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

100 %

Query executed successfully. | OUT\SQLEXPRESS (12.0 RTM) | OUT\hype (53) | ps03510_databse | 00:00:00 | 0 rows

KIỂM TRA:

SELECT * FROM SANPHAM

Results Messages

	masp	tensp	gia	maloai	anh
1	1	Laptop Macbook Pro MF841	40200000	1	1.jpg
2	2	Bộ nhớ DDR3 Kingston 8GB	970000	2	2.jpg
3	3	TPLink TL-WR841N	390000	3	3.jpg
4	4	Camera eView IRD2803A10H	820000	4	4.jpg
5	5	Máy in Canon Pixma E560	2500000	5	5.jpg

Query executed successfully. | OUT\SQLEXPRESS (12.0 RTM) | OUT\hype (54) | INF205_PS03510 | 00:00:00 | 5 rows

BẢNG CHITIETHD

INSERT INTO CHITIETHD VALUES (1,1,1)

INSERT INTO CHITIETHD VALUES (2,2,2)

INSERT INTO CHITIETHD VALUES (3,3,1)

INSERT INTO CHITIETHD VALUES (4,4,1)

INSERT INTO CHITIETHD VALUES (5,5,10)

100 %

Messages

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

100 %

Query executed successfully. | OUT\SQLEXPRESS (12.0 RTM) | OUT\hype (53) | ps03510_databse | 00:00:00 | 0 rows

KIỂM TRA:

SELECT * FROM CHITIETHD

100 %

Results Messages

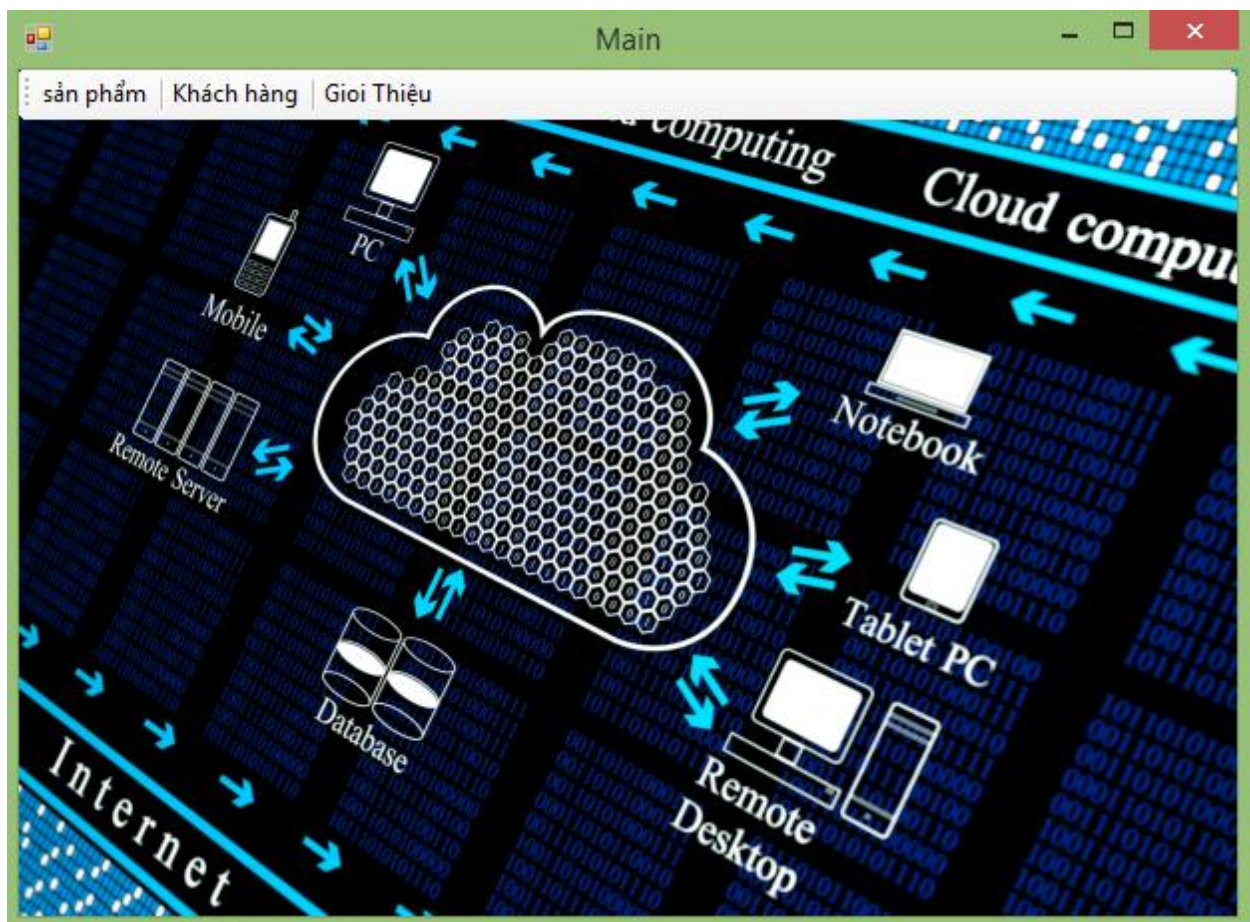
	sohd	masp	soluong
1	1	1	1
2	2	2	2
3	3	3	1
4	4	4	1
5	5	5	10
6	6	3	26

Query executed successfully. | OUT\SQLEXPRESS (12.0 RTM) | OUT\hype (53) | ps03510_database | 00:00:00 | 6 rows

Yêu cầu 2. Xây dựng 1 ứng dụng web kết nối với database

Ứng dụng VB.NET

Form 1: Form Main



Code :

```
main.vb* -> X
(General) (Declarations)
2 references
Public Class frmmain
    0 references
    Private Sub tslbl1_Click(sender As Object, e As EventArgs) Handles tslbl1.Click
        frmSanPham.Show()
    End Sub
    0 references
    Private Sub tslblkh_Click(sender As Object, e As EventArgs) Handles tslblkh.Click
        frmKhachHang.Show()
    End Sub
    0 references
    Private Sub Tslblgioithieu_Click(sender As Object, e As EventArgs) Handles tslblgioithieu.Click
        frmCSVC.Show()
    End Sub
End Class
```

FORM 2: Sản Phẩm

Sản Phẩm

Mã sản phẩm : Tên sản phẩm :

Mã loại : Giá tiền :

Tìm kiếm:

	Mã sản phẩm	Tên sản phẩm	Mã Loại	Giá Tiền	Mã hình ảnh
	1	Laptop Macbook Pro MF841	1	40200000	1.jpg
	2	Bộ nhớ DDR3 Kingston 8GB	2	970000	2.jpg
▶	3	TPLink TL-WR841N	3	390000	3.jpg
	4	Camera eView IRD2803A10H	4	820000	4.jpg
	5	Máy in Canon Pixma E560	5	2500000	5.jpg

CODE :

```
frmsanpham (Declarations)

Imports System.Data.SqlClient
Imports System.Data.DataSet

2 references
Public Class frmsanpham
    Dim duongdan As String
    Dim tenanh As String
    Dim db As New DataTable
    Dim chuoiketnoi As String = "workstation id=hoangtran.mssql.somee.com;packet size=4096;user id=hoang0905919290_SQLLogin_1;pwd=3yd2wqbc"
    Dim conn As SqlConnection = New SqlConnection(chuoiketnoi)
    Private DBAccess As New DataBaseAccess

    'dinh nghĩa ham them san pham vao database
    1 reference
    Private Function themsp() As Boolean
        Dim lenhsql As String = "INSERT INTO SANPHAM(masp, tensp, gia, maloi, anh)"
        lenhsql += String.Format("VALUES('{0}','{1}','{2}','{3}','{4}')" _
            txtmasp.Text, txttensp.Text, txtgia.Text, txtmaloi.Text, txtanh.Text)

        Return DBAccess.ExecuteNoneQuery(lenhsql)
    End Function

    'dinh nghĩa ham kiem tra gia tri truoc khi insert
    1 reference
    Private Function rong() As Boolean

        Return (String.IsNullOrEmpty(txtmasp.Text) OrElse String.IsNullOrEmpty(txttensp.Text) OrElse _
            String.IsNullOrEmpty(txtmaloi.Text) OrElse String.IsNullOrEmpty(txtgia.Text) OrElse String.IsNullOrEmpty(txtanh.Text))
    End Function
End Class
```

```
frmsanpham (Declarations)

'su kien load form
0 references
Private Sub frmsanpham_Load(sender As Object, e As EventArgs) Handles MyBase.Load
    Dim sqlquery As String = String.Format("select masp as 'Mã sản phẩm', tensp as 'Tên sản phẩm', maloi as 'Mã Loại', gia as 'Giá T"
    Dim dtable As DataTable = DBAccess.GetDataTable(sqlquery)
    Me.dgvsp.DataSource = dtable
    With Me.dgvsp
        .Columns(0).Width = 100
        .Columns(1).Width = 250
        .Columns(2).Width = 100
        .Columns(3).Width = 120
        .Columns(4).Width = 100
    End With
End Sub

'dinh nghĩa ham tim kiem
4 references
Private Sub searchsp(value As String)
    Dim sqlquery As String = String.Format("select masp as 'Mã sản phẩm', tensp as 'Tên sản phẩm', maloi as 'Mã Loại', gia as 'Giá T"
    If Me.cmbsearch.SelectedIndex = 0 Then 'tim theo masp
        sqlquery += String.Format("WHERE masp LIKE '{0}%"", value)
    ElseIf Me.cmbsearch.SelectedIndex = 1 Then 'tim theo tensp
        sqlquery += String.Format("WHERE tensp LIKE '{0}%"", value)
    End If
    Dim dtable As DataTable = DBAccess.GetDataTable(sqlquery)
    Me.dgvsp.DataSource = dtable
    With Me.dgvsp
        .Columns(0).Width = 100
        .Columns(1).Width = 250
        .Columns(2).Width = 100
        .Columns(3).Width = 120
        .Columns(4).Width = 100
    End With
End Sub
End Sub
```

```

'su kien text changed
0 references
Private Sub txtsearch_TextChanged(sender As Object, e As EventArgs) Handles txtsearch.TextChanged
    searchsp(Me.txtsearch.Text)
End Sub

'chọn ảnh
0 references
Private Sub btnanh_Click(sender As Object, e As EventArgs) Handles btnanh.Click

    Dim anh As New OpenFileDialog
    If anh.ShowDialog <> Windows.Forms.DialogResult.Cancel Then
        duongdan = anh.FileName
        If Not duongdan.EndsWith(".jpg") Then
            MessageBox.Show("lỗi hình ảnh", "lỗi", MessageBoxButtons.OK)
        Else
            PictureBox1.BackgroundImage = Image.FromFile(duongdan)
        End If
    End If
    tenanh = anh.FileName.Substring(anh.FileName.LastIndexOf("\") + 1) 'lay ten hinh
    txtanh.Text = tenanh
End Sub

'thêm
0 references
Private Sub btnadd_Click(sender As Object, e As EventArgs) Handles btnadd.Click
    Dim diemden As String = Application.StartupPath & "\anhsp\" & tenanh & ".jpg"
    If rong() Then
        MessageBox.Show("Thiếu dữ liệu", "Error", MessageBoxButtons.OK)
    Else
        Try
            If themsp() Then
                MessageBox.Show("Thêm dữ liệu thành công", "OK", MessageBoxButtons.OK)
                FileCopy(duongdan, diemden)
                Me.DialogResult = Windows.Forms.DialogResult.OK
            Else
                MessageBox.Show("Lỗi", "Error", MessageBoxButtons.OK)
                Me.DialogResult = Windows.Forms.DialogResult.No
            End If
        Catch ex As Exception
            MessageBox.Show("trùng tên ảnh trên file", "sẽ không thêm ảnh mới trên file", MessageBoxButtons.OK, MessageBoxIcon.Information)
        End Try
        searchsp(Me.txtsearch.Text)
    End If
End Sub

'click vào datagridview
0 references
Private Sub dgvsp_CellContentClick(sender As Object, e As DataGridViewCellEventArgs) Handles dgvsp.CellContentClick
    Dim click As Integer = dgvsp.CurrentCell.RowIndex
    txtmasp.Text = dgvsp.Item(0, click).Value
    txttensp.Text = dgvsp.Item(1, click).Value
    txtmaloi.Text = dgvsp.Item(2, click).Value
    txtgia.Text = dgvsp.Item(3, click).Value
    txtanh.Text = dgvsp.Item(4, click).Value
    Try
        PictureBox1.BackgroundImage = Image.FromFile(Application.StartupPath & "\anhsp\" & dgvsp.Item(4, click).Value & ".jpg")
    Catch ex As Exception
        MessageBox.Show("file ảnh không trùng tên với database")
    End Try
End Sub

```

' sửa

References

```
Private Sub btnedit_Click(sender As Object, e As EventArgs) Handles btnedit.Click
    Dim diemden As String = Application.StartupPath & "\anhsp\" & tenanh & ".jpg"
    Dim conn As SqlConnection = New SqlConnection(chuoiketnoi)
    Dim updatequery As String = "update SANPHAM set masp=@MASP, tensp=@TENSPP, gia=@GIA, maloi=@MALOAI, anh=@anh where MASP=@MASP"
    Dim addupdate As SqlCommand = New SqlCommand(updatequery, conn)
    conn.Open()
    Try
        txtmasp.Focus()
        If txtmasp.Text = "" Then
            MessageBox.Show("Bạn chưa nhập mã sản phẩm", "Nhập thiếu", MessageBoxButtons.OKCancel, MessageBoxIcon.Error)
        Else
            txtmasp.Focus()
            If txttensp.Text = "" Then
                MessageBox.Show("Bạn chưa nhập tên sản phẩm", "Nhập thiếu", MessageBoxButtons.OKCancel, MessageBoxIcon.Error)
            Else
                txttensp.Focus()
                If txtmaloi.Text = "" Then
                    MessageBox.Show("Bạn chưa nhập mã loại", "Nhập thiếu", MessageBoxButtons.OKCancel, MessageBoxIcon.Error)
                Else
                    txtmaloi.Focus()
                    If txtgia.Text = "" Then
                        MessageBox.Show("Bạn chưa nhập số lượng", "Nhập thiếu", MessageBoxButtons.OKCancel, MessageBoxIcon.Error)
                    Else
                        addupdate.Parameters.AddWithValue("@MASP", txtmasp.Text)
                        addupdate.Parameters.AddWithValue("@TENSPP", txttensp.Text)
                        addupdate.Parameters.AddWithValue("@MALOAI", txtmaloi.Text)
                        addupdate.Parameters.AddWithValue("@GIA", txtgia.Text)
                        addupdate.Parameters.AddWithValue("@anh", txtanh.Text)
                        addupdate.ExecuteNonQuery()
                        FileCopy(duongdan, diemden)
                    End If
                End If
            End If
        End If
        FileCopy(duongdan, diemden)
        conn.Close() 'đóng kết nối
        MessageBox.Show("Cập nhật thành công")
        txtmasp.Text = Nothing
        txttensp.Text = Nothing
        txtmaloi.Text = Nothing
        txtgia.Text = Nothing
        txtanh.Text = Nothing
    End If
End If
End If
Catch ex As Exception
    MessageBox.Show("Không có ảnh mới", "thông tin", MessageBoxButtons.OK, MessageBoxIcon.Information)
End Try

'Sau khi cập nhật xong sẽ tự làm mới lại bảng
db.Clear()
dgvsp.DataSource = db
dgvsp.DataSource = Nothing
searchsp(Me.txtsearch.Text)
End Sub
```



```
Imports System.Data.SqlClient
Imports System.Data.DataSet

2 references

Public Class frmkhachhang
    Dim duongdan As String
    Dim tenanh As String
    Dim db As New DataTable
    Dim chuoiketnoi As String = "workstation id=hoangtran.mssql.somee.com;packet size=4096;user id=hoang0905919290_SQLLogin_1;pwd=3yd2wqbc"
    Dim conn As SqlConnection = New SqlConnection(chuoiketnoi)
    Private DBAccess As New DataBaseAccess

    'chọn ảnh
    0 references
    Private Sub btnanh_Click(sender As Object, e As EventArgs) Handles btnanh.Click
        Dim anh As New OpenFileDialog
        If anh.ShowDialog <> Windows.Forms.DialogResult.Cancel Then
            duongdan = anh.FileName
            If Not duongdan.EndsWith(".jpg") Then
                MessageBox.Show("lỗi hình ảnh", "lỗi", MessageBoxButtons.OK)
            Else
                PictureBox1.BackgroundImage = Image.FromFile(duongdan)
            End If
        End If
        tenanh = anh.FileName.Substring(anh.FileName.LastIndexOf("\") + 1) 'lay ten hinh
        txtanh.Text = tenanh
    End Sub

```

```
'định nghĩa ham them san pham vao database
1 reference
Private Function themsp() As Boolean
    Dim lenhsql As String = "INSERT INTO KHACHHANG(makh, hoten, diachi, sodt, anhkh)"
    lenhsql += String.Format("VALUES('{0}','{1}','{2}','{3}','{4}'))", _
        txtmakh.Text, txttenkh.Text, txtdiachi.Text, txtsodt.Text, txtanh.Text)
    Return DBAccess.ExecuteNoneQuery(lenhsql)
End Function

'định nghĩa ham kiem tra gia tri truoc khi insert
1 reference
Private Function rong() As Boolean
    Return (String.IsNullOrEmpty(txtmakh.Text) OrElse String.IsNullOrEmpty(txttenkh.Text) OrElse _
        String.IsNullOrEmpty(txtdiachi.Text) OrElse String.IsNullOrEmpty(txtsodt.Text) OrElse String.IsNullOrEmpty(txtanh.Text))
End Function

```

```
'thêm
0 references
Private Sub btnadd_Click(sender As Object, e As EventArgs) Handles btnadd.Click
    Dim diemden As String = Application.StartupPath & "\anhsp\" & tenanh & ".jpg"
    If rong() Then
        MessageBox.Show("Thiếu dữ liệu", "Error", MessageBoxButtons.OK)
    Else
        Try
            If themsp() Then
                MessageBox.Show("Thêm dữ liệu thành công", "OK", MessageBoxButtons.OK)
                FileCopy(duongdan, diemden)
                Me.DialogResult = Windows.Forms.DialogResult.OK
            Else
                MessageBox.Show("Lỗi", "Error", MessageBoxButtons.OK)
                Me.DialogResult = Windows.Forms.DialogResult.No
            End If
        Catch ex As Exception
            MessageBox.Show("trùng tên ảnh trên file", "sẽ không thêm ảnh mới trên file", MessageBoxButtons.OK, MessageBoxIcon.Information)
        End Try
        searchkh(Me.txtsearch.Text)
    End If
End Sub

```


'su kien load form

0 references

```
Private Sub frmkhachhang_Load(sender As Object, e As EventArgs) Handles MyBase.Load
    Dim sqlquery As String = String.Format("select makh as 'Mã khách hàng',hoten as 'Tên khách hàng', diachi as 'Địa chỉ', sodt as 'Số điện thoại', tnh as 'Tên hàng' from khachhang")
    Dim dtable As DataTable = DBAccess.GetDataTable(sqlquery)
    Me.dgvkh.DataSource = dtable
    With Me.dgvkh
        .Columns(0).Width = 50
        .Columns(1).Width = 200
        .Columns(2).Width = 300
        .Columns(3).Width = 150
        .Columns(4).Width = 100
    End With
End Sub
```

' dinh nghia ham tim kiem

4 references

```
Private Sub searchkh(value As String)
    Dim sqlquery As String = String.Format("select makh as 'Mã khách hàng',hoten as 'Tên khách hàng', diachi as 'Địa chỉ', sodt as 'Số điện thoại', tnh as 'Tên hàng' from khachhang")
    If Me.cmbsearch.SelectedIndex = 0 Then 'tim theo masp
        sqlquery += String.Format("WHERE makh LIKE '{0}%' ", value)
    ElseIf Me.cmbsearch.SelectedIndex = 1 Then 'tim theo tensp
        sqlquery += String.Format("WHERE hoten LIKE '{0}%' ", value)
    End If
    Dim dtable As DataTable = DBAccess.GetDataTable(sqlquery)
    Me.dgvkh.DataSource = dtable
    With Me.dgvkh
        .Columns(0).Width = 50
        .Columns(1).Width = 200
        .Columns(2).Width = 300
        .Columns(3).Width = 150
        .Columns(4).Width = 100
    End With
End Sub
```

'su kien text changed

0 references

```
Private Sub txtsearch_TextChanged(sender As Object, e As EventArgs) Handles txtsearch.TextChanged
    searchkh(Me.txtsearch.Text)
End Sub
```

'su kien click dgv

0 references

```
Private Sub dgvkh_CellContentClick(sender As Object, e As DataGridViewCellEventArgs) Handles dgvkh.CellContentClick
    Dim click As Integer = dgvkh.CurrentCell.RowIndex
    txtmakh.Text = dgvkh.Item(0, click).Value
    txttenkh.Text = dgvkh.Item(1, click).Value
    txtdiachi.Text = dgvkh.Item(2, click).Value
    txtsodt.Text = dgvkh.Item(3, click).Value
    txtanh.Text = dgvkh.Item(4, click).Value
    Try
        PictureBox1.BackgroundImage = Image.FromFile(Application.StartupPath & "\anhsp\" & dgvkh.Item(4, click).Value & ".jpg")
    Catch ex As Exception
        MessageBox.Show("file ảnh không trùng tên với database")
    End Try
End Sub
```

'sửa

0 references

```
Private Sub btndedit_Click(sender As Object, e As EventArgs) Handles btndedit.Click
    Dim diemden As String = Application.StartupPath & "\anhsp\" & tenanh & ".jpg"
    Dim conn As SqlConnection = New SqlConnection(chuoiiketnoi)
    Dim updatequery As String = "update KHACHHANG set makh=@MAKH, hoten=@TENKH, diachi=@DIACHI, sodt=@SODT, anhkh=@anhkh where makh=@MAKH"
    Dim addupdate As SqlCommand = New SqlCommand(updatequery, conn)
    conn.Open()
    Try
        If txtmakh.Text = "" Then
            MessageBox.Show("Bạn chưa nhập mã sản phẩm", "Nhập thiếu", MessageBoxButtons.OKCancel, MessageBoxIcon.Error)
        Else
            If txttenkh.Text = "" Then
                MessageBox.Show("Bạn chưa nhập tên sản phẩm", "Nhập thiếu", MessageBoxButtons.OKCancel, MessageBoxIcon.Error)
            Else
                If txtdiachi.Text = "" Then
                    MessageBox.Show("Bạn chưa nhập mã loại", "Nhập thiếu", MessageBoxButtons.OKCancel, MessageBoxIcon.Error)
                Else
                    If txtsodt.Text = "" Then
                        MessageBox.Show("Bạn chưa nhập số lượng", "Nhập thiếu", MessageBoxButtons.OKCancel, MessageBoxIcon.Error)
                    Else
                        addupdate.Parameters.AddWithValue("@MAKH", txtmakh.Text)
                        addupdate.Parameters.AddWithValue("@TENKH", txttenkh.Text)
                        addupdate.Parameters.AddWithValue("@DIACHI", txtdiachi.Text)
                        addupdate.Parameters.AddWithValue("@SODT", txtsodt.Text)
                        addupdate.Parameters.AddWithValue("@anhkh", txtanh.Text)
                        addupdate.ExecuteNonQuery()
                        conn.Close() 'đóng kết nối
                        FileCopy(duongdan, diemden)
                        MessageBox.Show("Cập nhật thành công")
                    End If
                End If
            End If
        End If
    Catch ex As Exception
        MessageBox.Show("Không có ảnh mới", "thông tin", MessageBoxButtons.OK, MessageBoxIcon.Information)
    End Try

    'Sau khi cập nhật xong sẽ tự làm mới lại bảng
    db.Clear()
    dgvkh.DataSource = db
    dgvkh.DataSource = Nothing
    searchkh(Me.txtsearch.Text)
End Sub
```

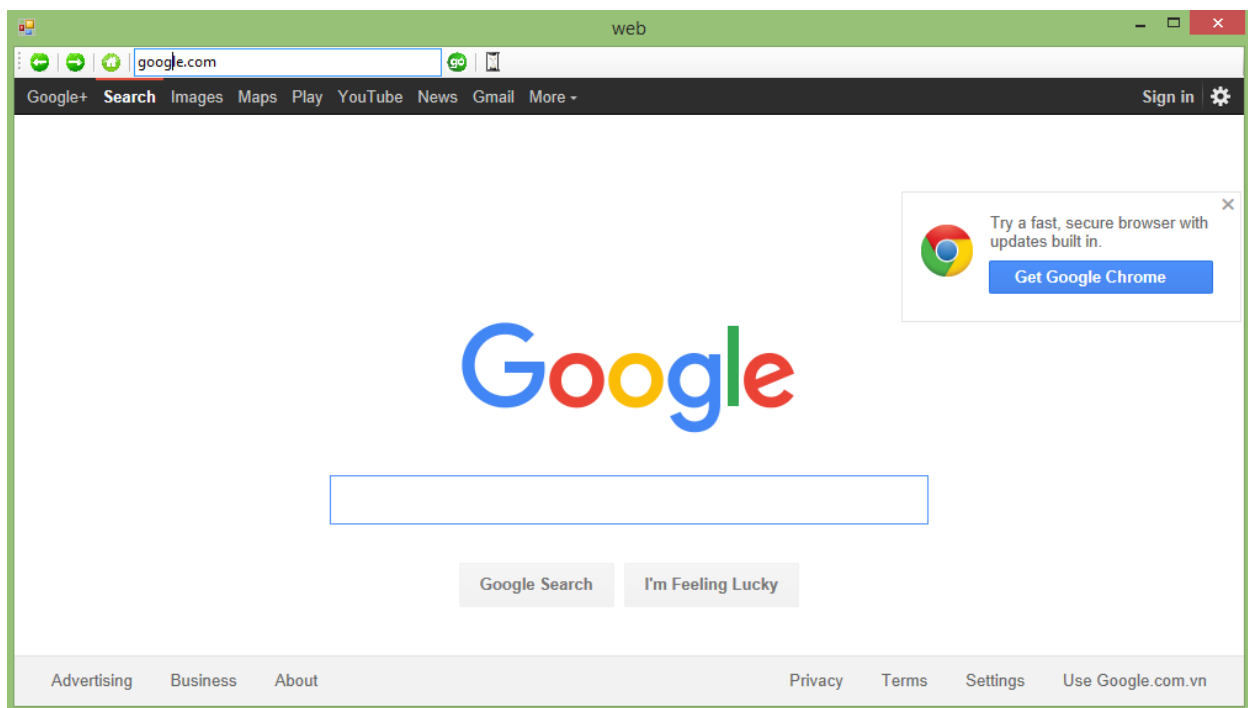
```

'xóa
0 references
Private Sub btnxoa_Click(sender As Object, e As EventArgs) Handles btnxoa.Click
    Dim diemden As String = Application.StartupPath & "\anhsp\" & tenanh & ".jpg"
    Dim delquery As String = "delete from KHACHHANG where makh=@MAKH"
    Dim delete As SqlCommand = New SqlCommand(delquery, conn)
    Dim resultf As DialogResult = MessageBox.Show("Bạn muốn xóa không?", "Xác nhận", MessageBoxButtons.YesNo, MessageBoxIcon.Question)
    conn.Open()
    Try
        If txtmakh.Text = "" Then
            MessageBox.Show("Bạn cần nhập mã khách hàng", "Nhập thiếu", MessageBoxButtons.OKCancel, MessageBoxIcon.Error)
            txtmakh.Focus()
        Else
            If resultf = Windows.Forms.DialogResult.Yes Then
                delete.Parameters.AddWithValue("@MAKH", txtmakh.Text)
                delete.ExecuteNonQuery()
                conn.Close()
                Kill(diemden)
                MessageBox.Show("Xóa thành công")
                'Sau khi xóa thành công, tự động làm mới các khung textbox
                txtmakh.Text = Nothing
                txttenkh.Text = Nothing
                txtdiachi.Text = Nothing
                txtsodt.Text = Nothing
                txtmakh.Focus()
            End If
        End If
    Catch ex As Exception
        MessageBox.Show("chưa xóa được file ảnh", "Thông Tin", MessageBoxButtons.OK, MessageBoxIcon.Information)
    End Try

    'làm mới bảng
    db.Clear()
    dgvkh.DataSource = db
    dgvkh.DataSource = Nothing
    searchkh(Me.txtsearch.Text)
End Sub
End Class

```

FORM WEB



CODE:

frmweb

2 references

Public Class frmweb

Private mycollection As New Collection

0 references

Private Sub tsbtngo_Click(sender As Object, e As EventArgs) Handles tsbtngo.Click

WebBrowser1.Navigate(tstxtURL.Text)

End Sub

0 references

Private Sub frmweb_Load(sender As Object, e As EventArgs) Handles MyBase.Load

WebBrowser1.Navigate(New Uri("https://023977177c48c40d604405baa60c7f114761883b.googledrive.com/host/0Bw6N-C6pi2arb1F"))

mycollection.Add(tstxtURL.Text)

End Sub

0 references

Private Sub tsbtnback_Click(sender As Object, e As EventArgs) Handles tsbtnback.Click

WebBrowser1.GoBack()

End Sub

0 references

Private Sub tsbtnnext_Click(sender As Object, e As EventArgs) Handles tsbtnnext.Click

WebBrowser1.GoForward()

End Sub

0 references

Private Sub tsbtnhome_Click(sender As Object, e As EventArgs) Handles tsbtnhome.Click

WebBrowser1.Navigate(New Uri("https://023977177c48c40d604405baa60c7f114761883b.googledrive.com/host/0Bw6N-C6pi2arb1F"))

End Sub

0 references

Private Sub tsbtnhistory_Click(sender As Object, e As EventArgs) Handles tsbtnhistory.Click

Dim urllist As String = ""

For i As Integer = 1 To mycollection.Count

urllist += mycollection.Item(i) + vbCrLf

Next

MessageBox.Show(urllist, "Lịch Sử", MessageBoxButtons.OK, MessageBoxIcon.Information)

End Sub

End Class

FORM GAMES



CODE

```
games
2 references
Public Class games
    0 references
    Private Sub games_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        WebBrowser1.Navigate("https://887704206ba477e84a449ce55d56825d6d007c3b.googledrive.com/host/0Bw6N-C6pi2arYlhsRwZ1dVF")
    End Sub
End Class
```

Cơ sở dữ liệu đã được up lên somee:

SOME.com User home Store System help Ask a question Search help Logout

User menu

- User (hoangtvp03510)
 - Create support ticket
 - Support tickets
 - Checkout
 - Account
 - Password change
 - Addresses
 - Payment methods
 - Invoices
 - Billing options
 - Active packages
 - Managed products
 - Virtual servers
 - Websites
 - MS SQL
 - Databases
 - chuongtrinhVB
 - New SQL query
 - New SQL query from file
 - Backup file manager
 - Restore database
 - Backup database
 - Attach database
 - Get data and log files
 - Logins
 - Email
 - Add new mail domain
 - Mail domains

MS SQL Database properties

Database name: chuongtrinhVB

Supplied package ID: SPID615648
Managed product ID: MPID2198313

MS SQL hosting plan: **MS SQL Plan "Novice"**
MS SQL Server version: **MS SQL 2014 Express**

MS SQL Server address: **chuongtrinhVB.mssql.somee.com**
Login name: hoangtvp03510_SQLLogin_1
Login password: h6jsb38u9d
Connection string: workstation id=chuongtrinhVB.mssql.somee.com;packet size=4096;user id=hoangtvp03510_SQLLogin_1;pwd=h6jsb38u9d;data source=chuongtrinhVB.mssql.somee.com;persist security info=False;initial catalog=chuongtrinhVB

FTP address to backups: **chuongtrinhVB.backup.somee.com**
FTP username: **hoangtvp03510**
FTP credentials (Username and password) are the same as your Username and password.

Data file size, Max/Used/Usage: **15MB / 3.19MB / 21.25%**
Log file size, Max/Used/Usage: **20MB / 0.81MB / 4.06%**

Database related links: New SQL query

© Copyright 2016 Doka management panel

Mục truy vấn

somee.com/DOKA/DOU/DOMP/DOMSSQL/DOMSSQLQuery.aspx?k1k3k5=qa7ldvOgsjrwSReDjgB%2f4kcm3WBz25Z9gBgWv40xKWE%3d

MS SQL Database: chuongtrinhVB

select * from SANPHAM

Run single query
Run T-SQL batch

SQL Query Result

masp	tensp	gia	maloai
1	Laptop Macbook Pro MF841	40200000	1
2	Bộ nhớ DDR3 Kingston 8GB	970000	2
3	TPLink TL-WR841N	390000	3
4	Camera eView IRD2803A10H	820000	4
5	Máy in Canon Pixma E560	2500000	5
6	Laptop	56456	1
7	Laptop Macbook Air	40200000	1
8	Laptop Dell đã update data source	20200000	1
9	YOLO	20200000	1

Yêu cầu 3: Đưa mã nguồn lên Github

Tạo 1 repository trên github

Create a new repository

A repository contains all the files for your project, including the revision history.

Owner

 hoangtvps03510 ▾

Repository name

SourceVB.NET ✓

Great repository names are short and memorable. Need inspiration? How about **probable-goggles**.

Description (optional)

☒ **Public**

Anyone can see this repository. You choose who can commit.

☐ **Private**

You choose who can see and commit to this repository.

☐ **Initialize this repository with a README**


This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: **None** ▾

Add a license: **None** ▾ ⓘ

Create repository



Copy link

 hoangtvps03510 / SourceVB.NET

Unwatch ▾ 1 ★ Star 0 🍴 Fork 0

[Code](#) [Issues 0](#) [Pull requests 0](#) [Wiki](#) [Pulse](#) [Graphs](#) [Settings](#)


Quick setup — if you've done this kind of thing before

 Set up in Desktop or **HTTPS** **SSH** `https://github.com/hoangtvps03510/SourceVB.NET.git` 

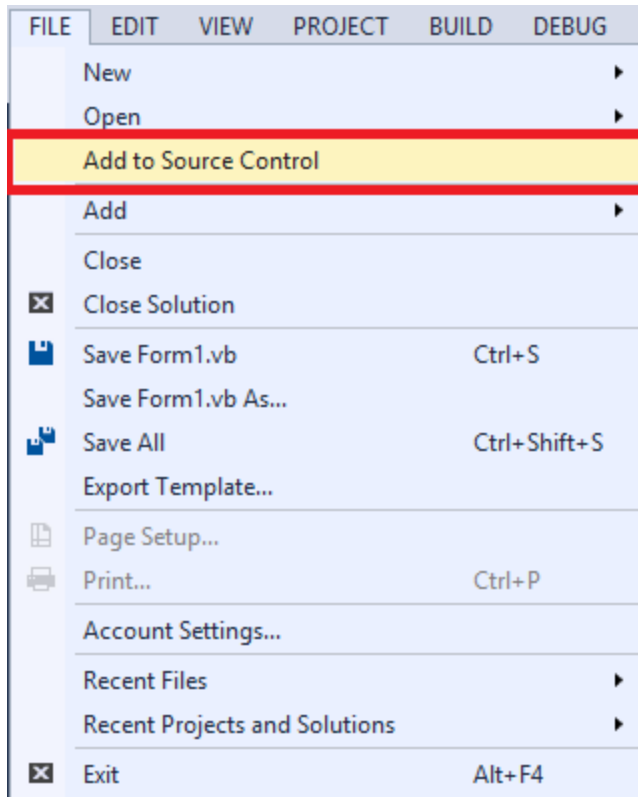
We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

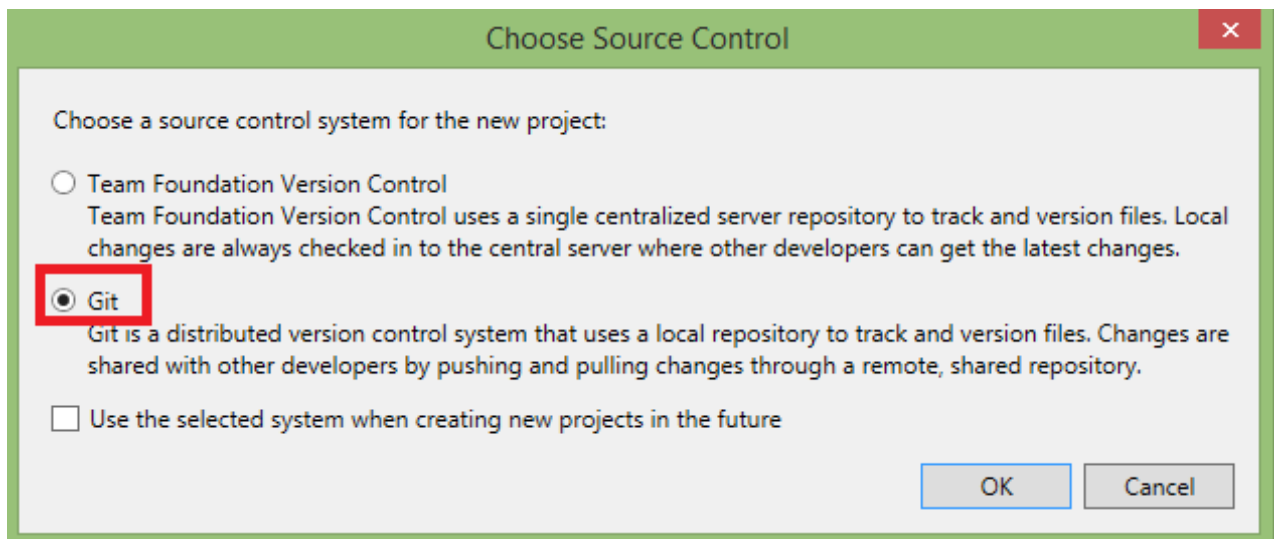
```
echo "# SourceVB.NET" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/hoangtvps03510/SourceVB.NET.git
git push -u origin master
```



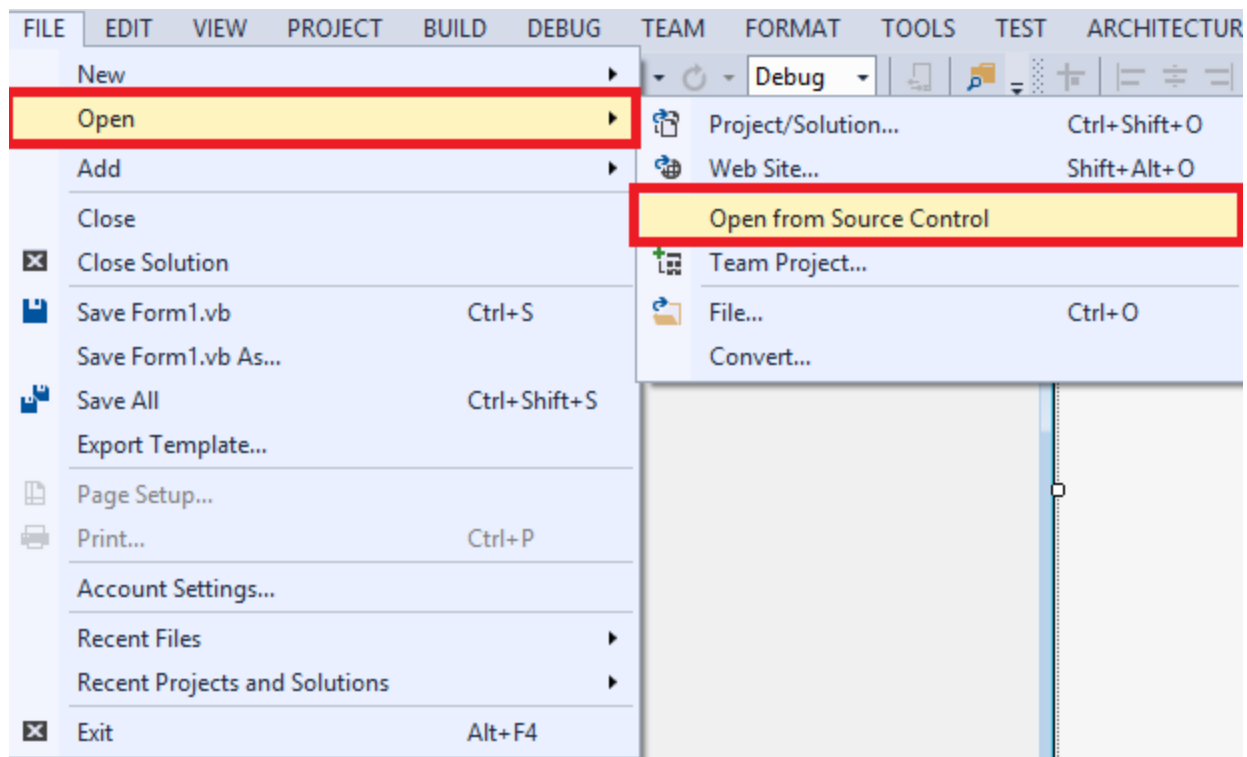
vào file -> add to source control



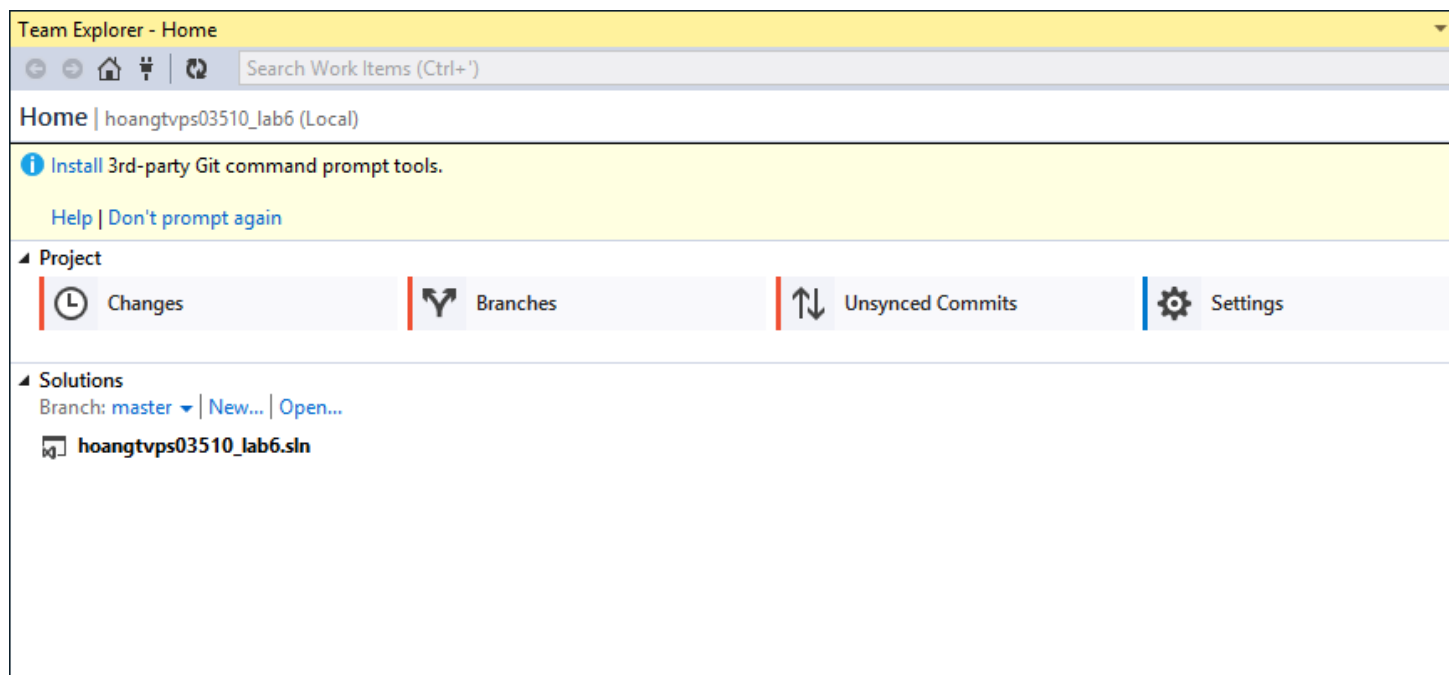
Chọn git



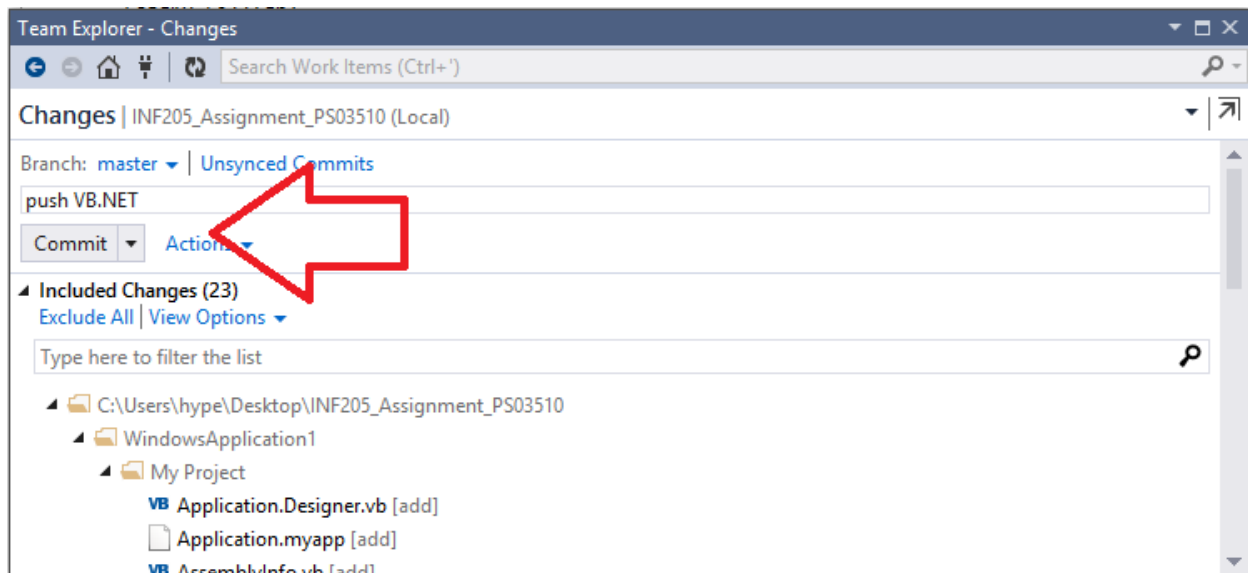
Chọn file -> open -> open from source control



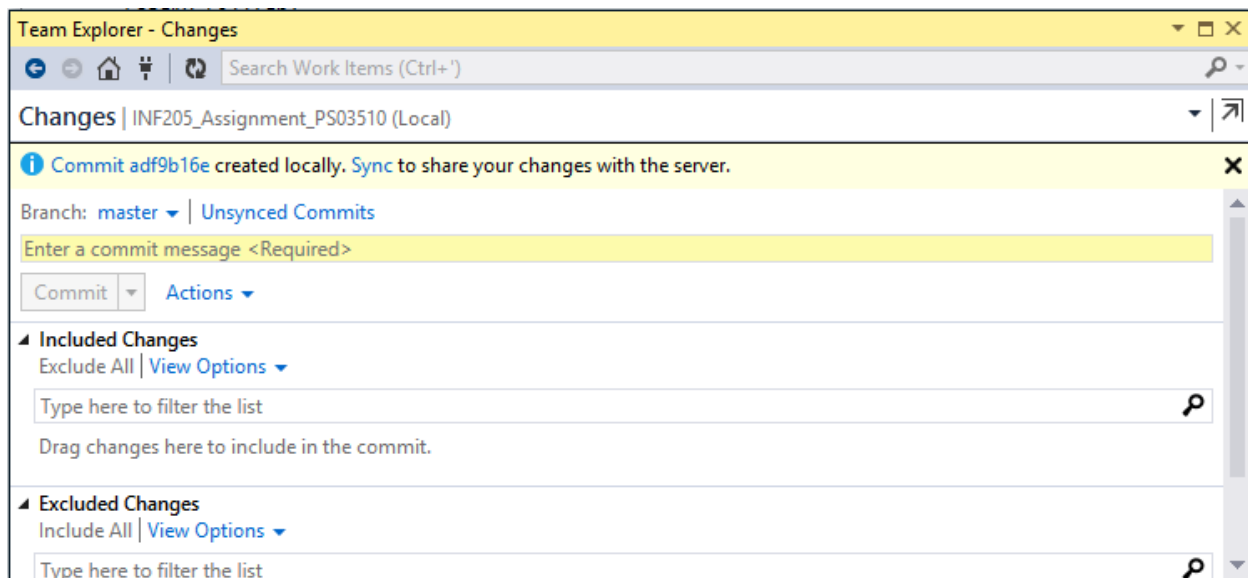
Công cụ quản lý Git -> chọn changes



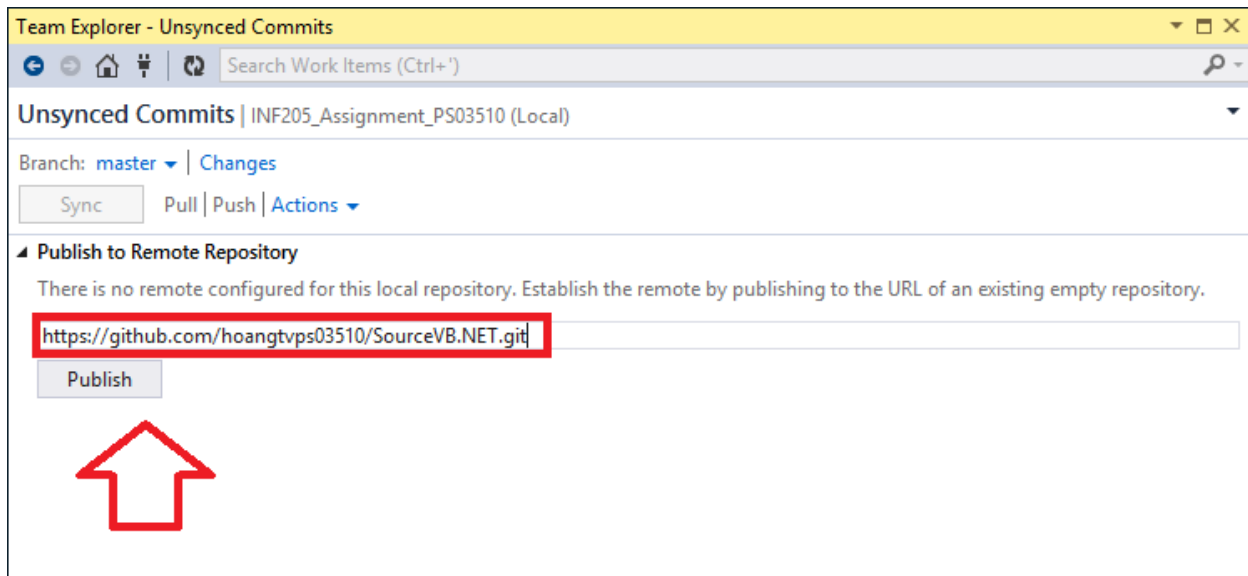
Nhập nội dung -> commit



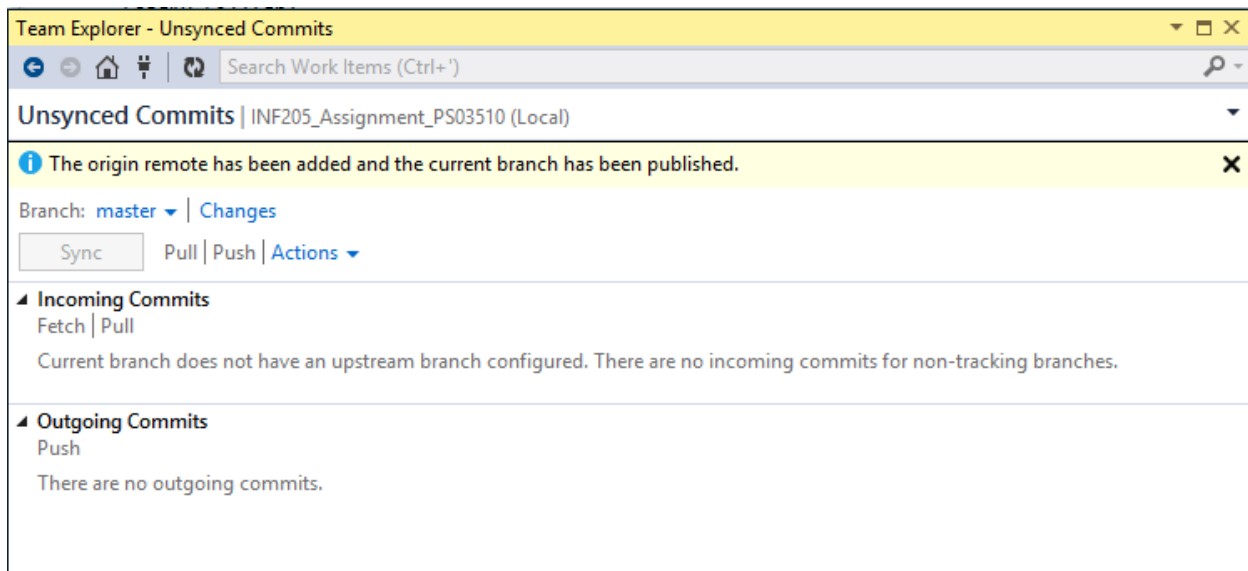
Chọn sync để đẩy project lên git hub



Nhập đường dẫn từ repository trong git hub -> publish



Hoàn thành, ứng dụng đã được đẩy lên git hub



No description or website provided. — Edit

2 commits

1 branch

0 releases





1 contributor

Branch: master [New pull request](#) [New file](#) [Upload files](#) [Find file](#) [HTTPS](#) <https://github.com/hoangt> [Download ZIP](#) hoangtvps03510 push VB.NET

Latest commit adf9b16 4 minutes ago

[Dismiss](#)**File uploading is now available**

You can now drag and drop files into your repositories. [Learn more](#)

 WindowsApplication1	push VB.NET	4 minutes ago
 .gitattributes	Initial commit to add default .gitignore and .gitAttribute files.	6 minutes ago
 .gitignore	Initial commit to add default .gitignore and .gitAttribute files.	6 minutes ago
 WindowsApplication1.sln	push VB.NET	4 minutes ago

Help people interested in this repository understand your project by adding a README.

[Add a README](#)