

LẬP TRÌNH TRÊN WINDOWS

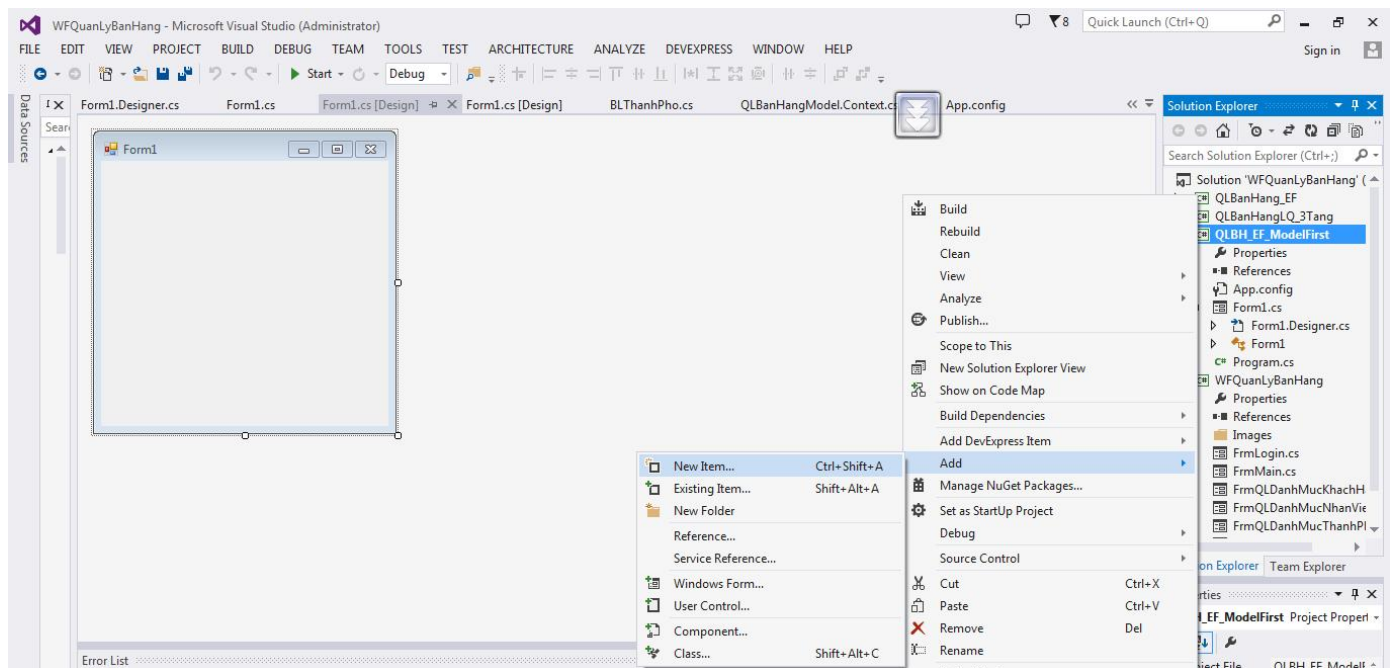
Xây dựng ứng dụng thao tác trên CSDL SQL Server trong .NET sử dụng Entity Framework (Model first)

TS. Lê Văn Vinh

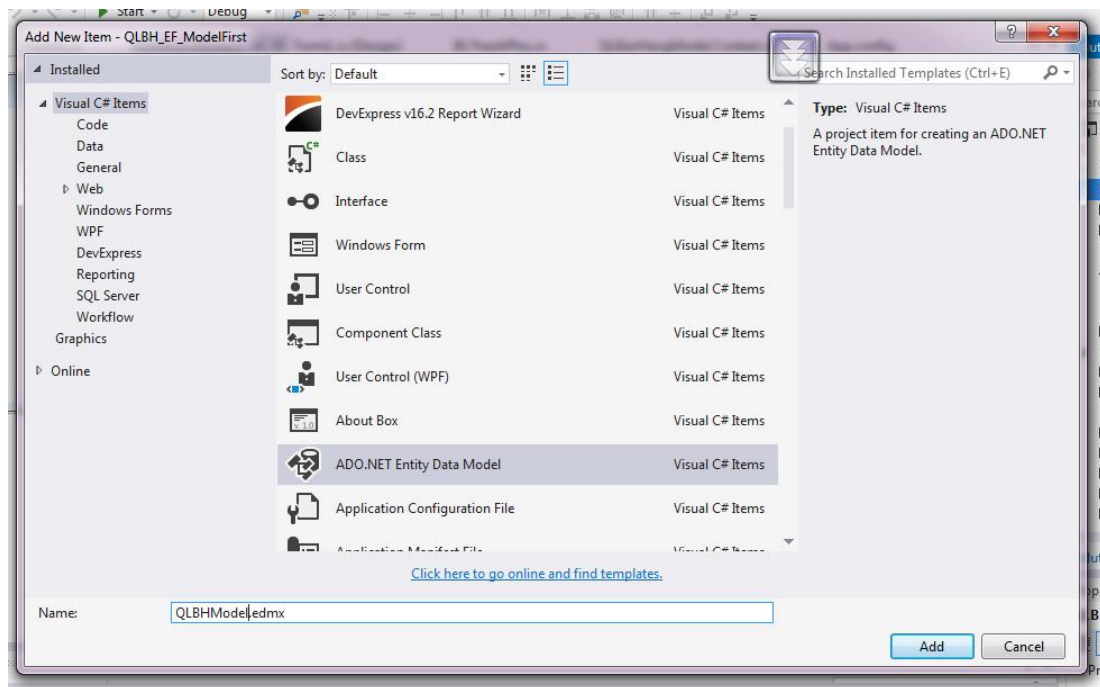
Khoa CNTT – ĐH SPKT. TP HCM

Phần này hướng dẫn xây dựng chức năng Quản lý danh mục thành phố sử dụng công nghệ Entity framework theo kịch bản **Model first**.

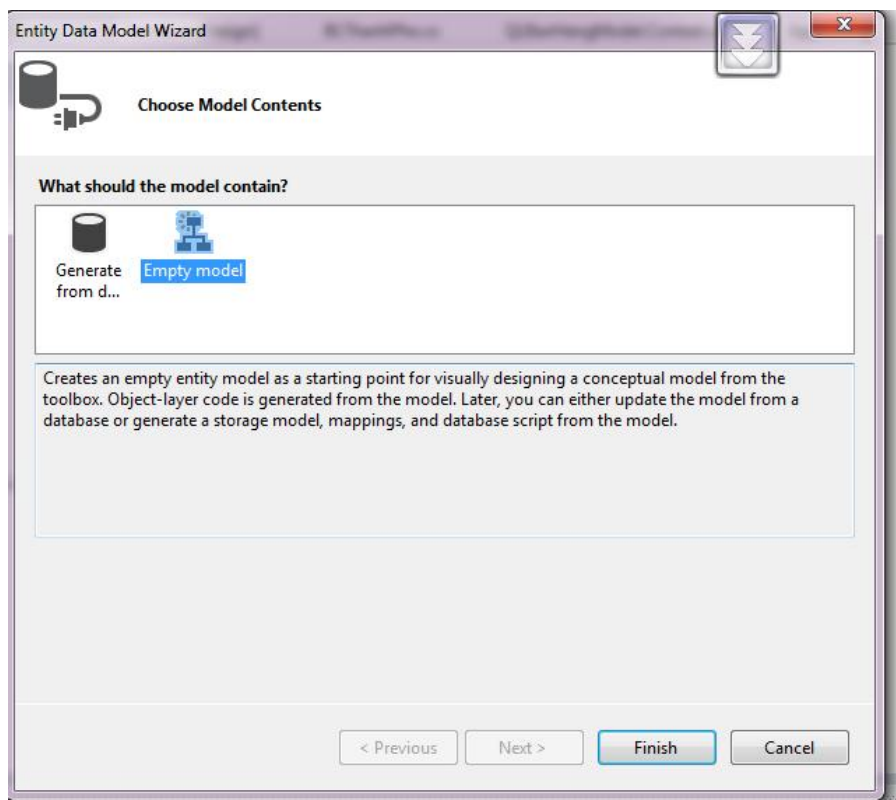
+ Bước 1: Thiết kế mô hình (lược đồ lớp)



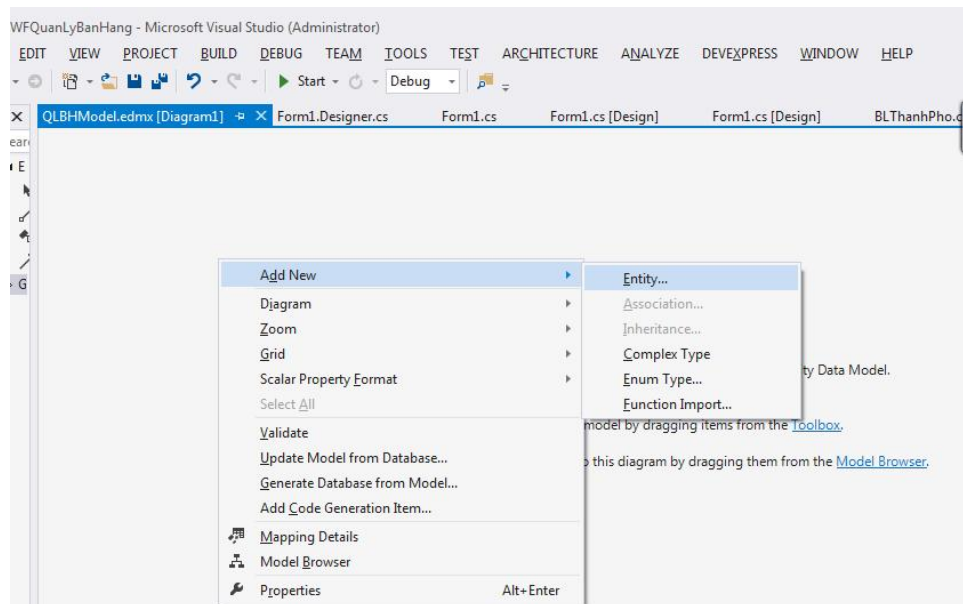
+ Chọn ADO.NET Entity Data Model



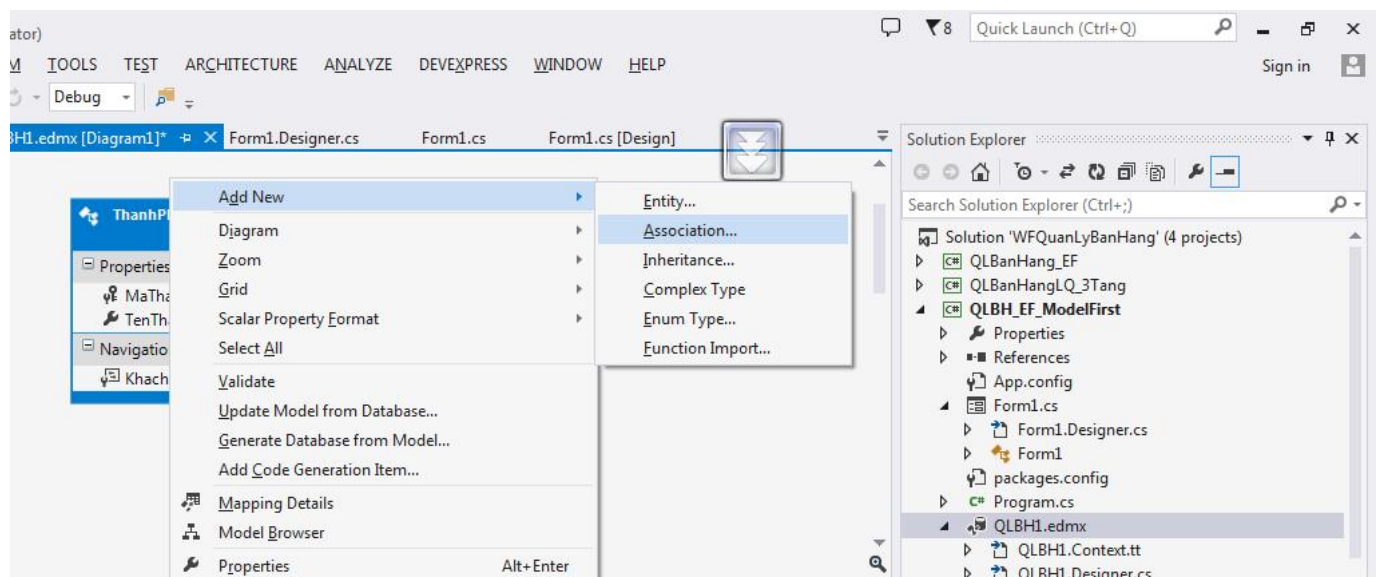
+ Chọn Empty model

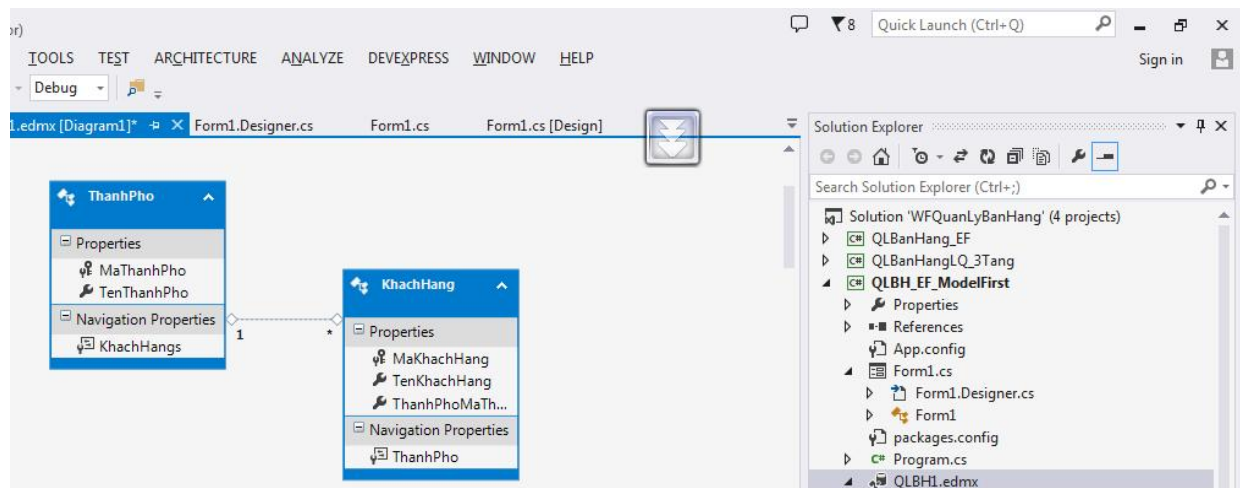


+ Tạo các Entity (lớp dữ liệu)

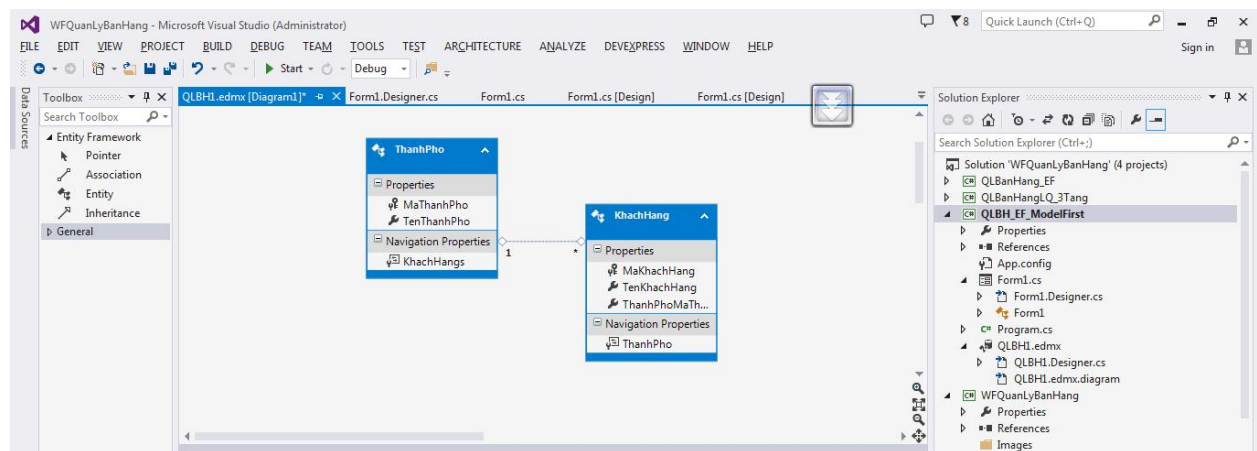


+ Tạo quan hệ giữa các lớp

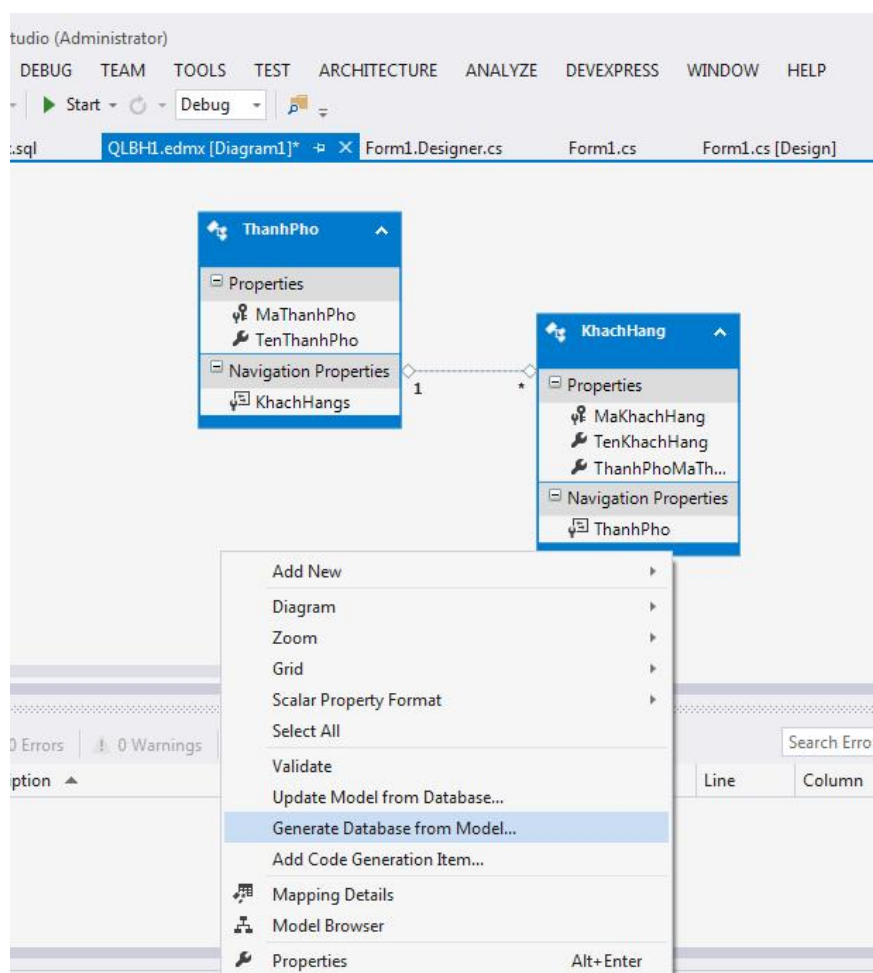


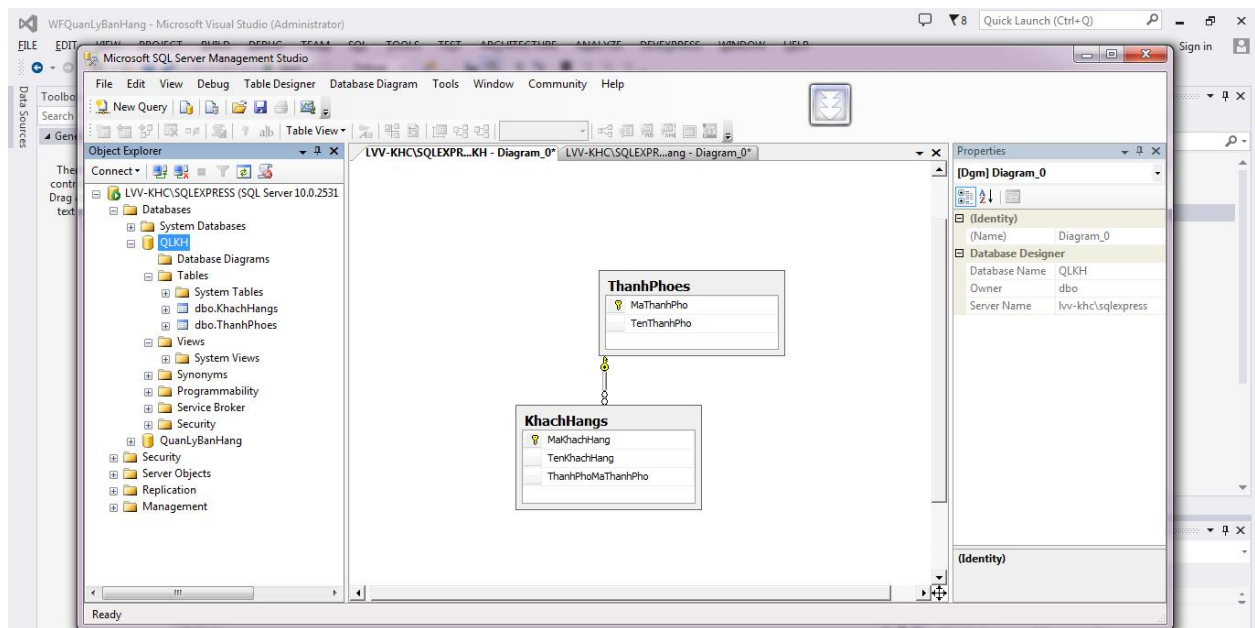


The 'Add Association' dialog box is shown. The 'Association Name' is 'ThanhPhoKhachHang'. The 'End' section shows two entities: **ThanhPho** and **KhachHang**. The 'Multiplicity' for **ThanhPho** is '1 (One)' and for **KhachHang** is '* (Many)'. The 'Navigation Property' for **ThanhPho** is 'KhachHangs' and for **KhachHang** is 'ThanhPho'. The 'Add foreign key properties to the 'KhachHang' Entity' checkbox is checked. The text area contains the following text: 'ThanhPho can have * (Many) instances of KhachHang. Use ThanhPho.KhachHangs to access the KhachHang instances. KhachHang can have 1 (One) instance of ThanhPho. Use KhachHang.ThanhPho to access the ThanhPho instance.' The 'OK' and 'Cancel' buttons are at the bottom.



+ Tạo cơ sở dữ liệu từ mô hình





```

using System;
using System.Data.Entity;
using System.Data.Entity.Infrastructure;

public partial class QLKH1Container : DbContext
{
    public QLKH1Container()
        : base("name=QLKH1Container")
    {
    }
}

```

The screenshot shows the Visual Studio IDE with the **QLKH1.edmx** context file open. The code defines a **QLKH1Container** class that inherits from **DbContext**. The constructor **QLKH1Container()** calls the base constructor with the name **name=QLKH1Container**. The **Solution Explorer** on the right shows the project structure, including the **QLKH1.edmx** file and its associated code files.

+ Chạy ứng dụng để generate code của các lớp đã thiết kế.

