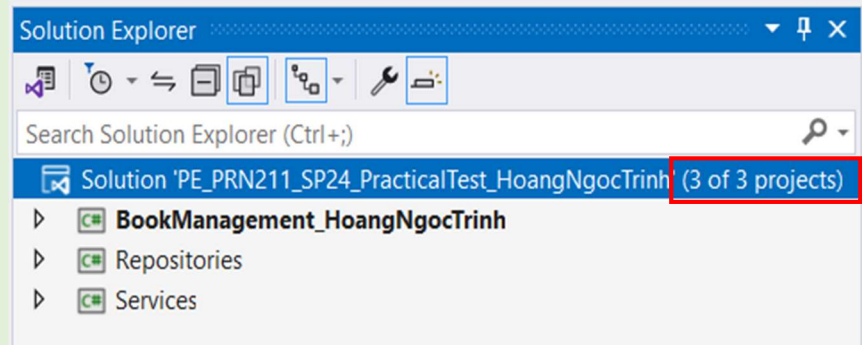


# Precaution - Cảnh báo sử dụng code...

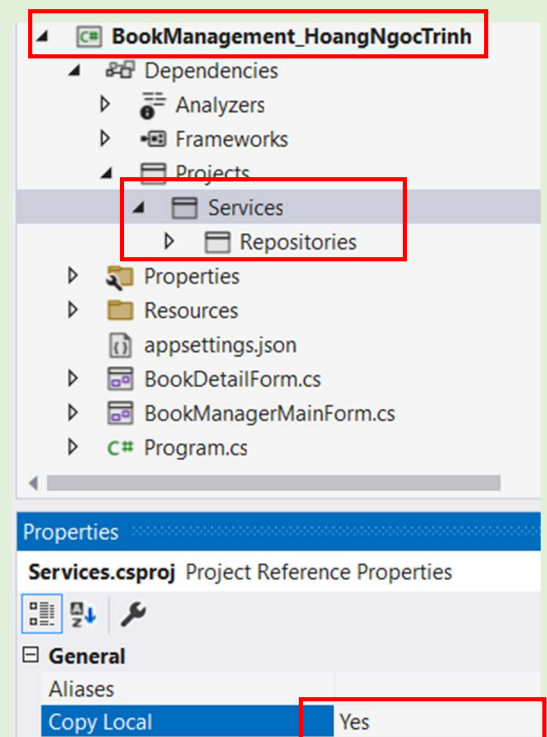
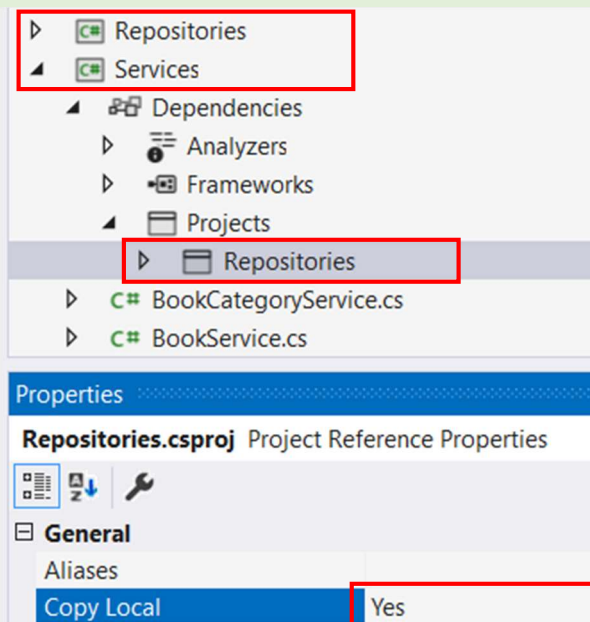
## 0. Create a Solution including 3 projects:

- *Windows Forms*
- *Repositories Class Library Project*
- *Services Class Library Project*

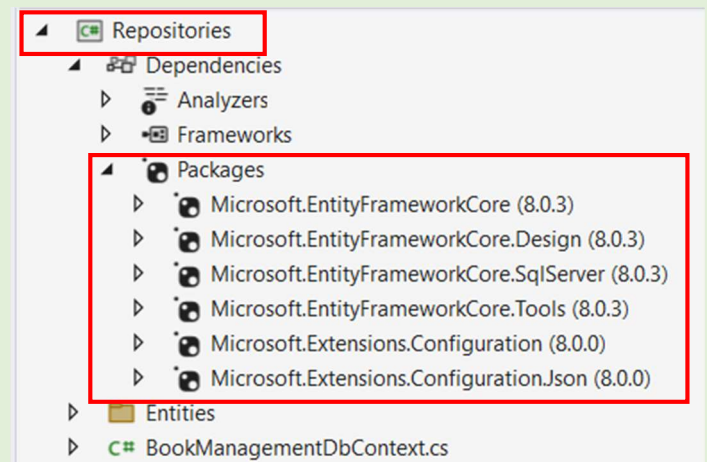


## 1. Make reference to class library project:

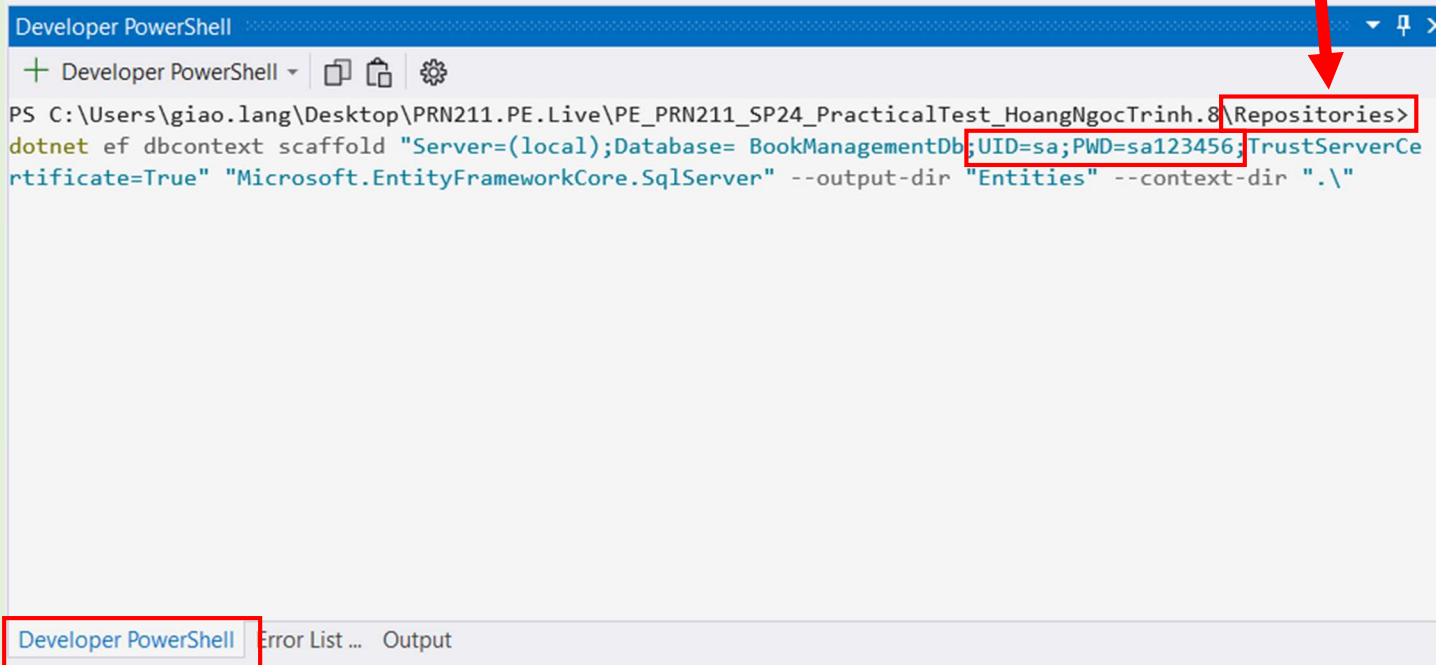
GUI -> Services -> Repositories



## 2. Add NuGet packages relate to Entity Framework Core & JSON in Repository project

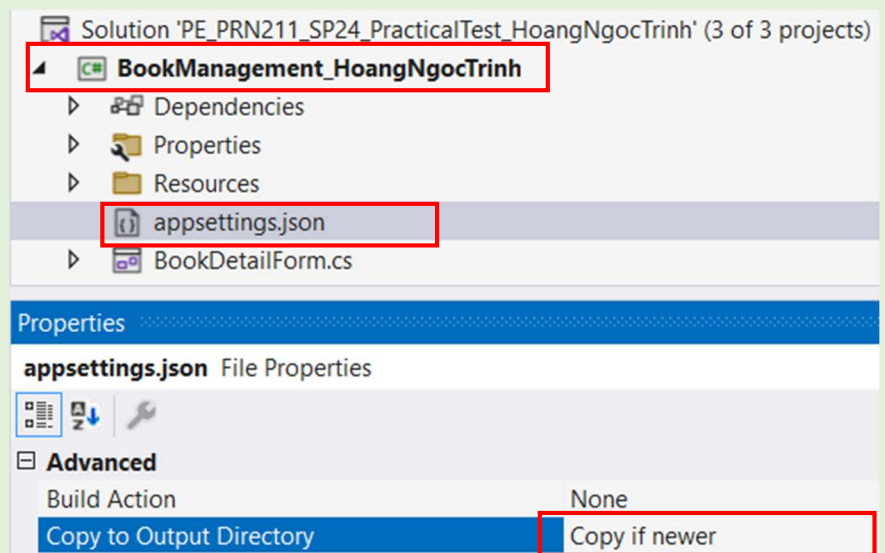


### 3. Run the ef scaffold command in PowerShell in Repository project



```
Developer PowerShell
+ Developer PowerShell
PS C:\Users\giao.lang\Desktop\PRN211.PE.Live\PE_PRN211_SP24_PracticalTest_HoangNgocTrinh.8\Repositories> dotnet ef dbcontext scaffold "Server=(local);Database= BookManagementDb;UID=sa;PWD=sa123456;TrustServerCertificate=True" "Microsoft.EntityFrameworkCore.SqlServer" --output-dir "Entities" --context-dir "."
```

### 4. Create a configuration file (.json) in GUI project



Solution 'PE\_PRN211\_SP24\_PracticalTest\_HoangNgocTrinh' (3 of 3 projects)

- BookManagement\_HoangNgocTrinh
  - Dependencies
  - Properties
  - Resources
  - appsettings.json
  - BookDetailForm.cs

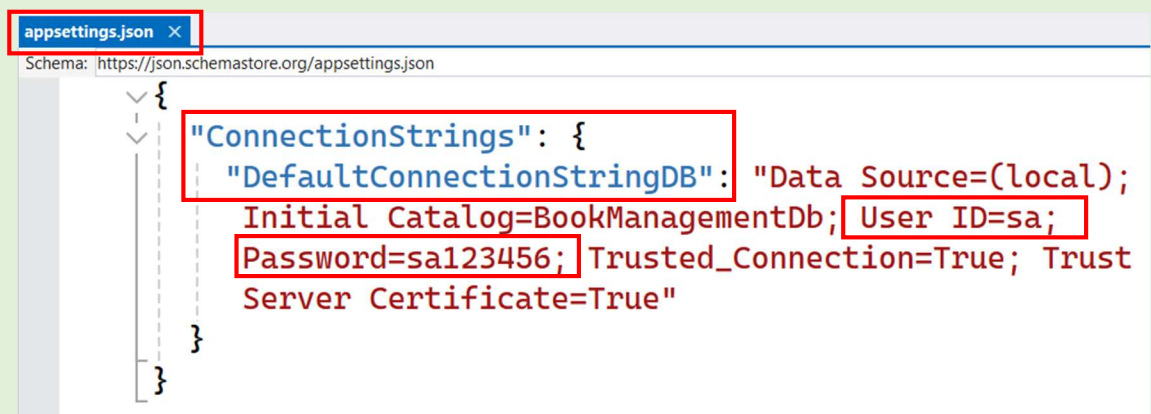
Properties

appsettings.json File Properties

Advanced

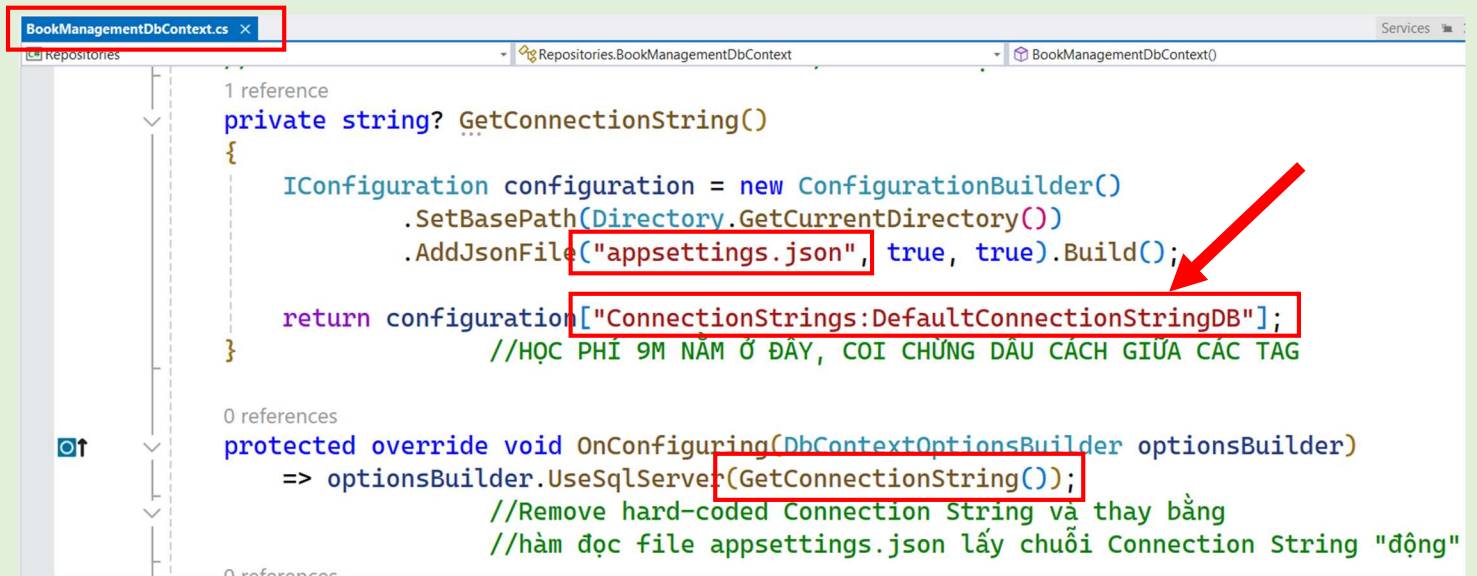
Build Action	None
Copy to Output Directory	Copy if newer

### 5. Create a configuration file (.json) in GUI project

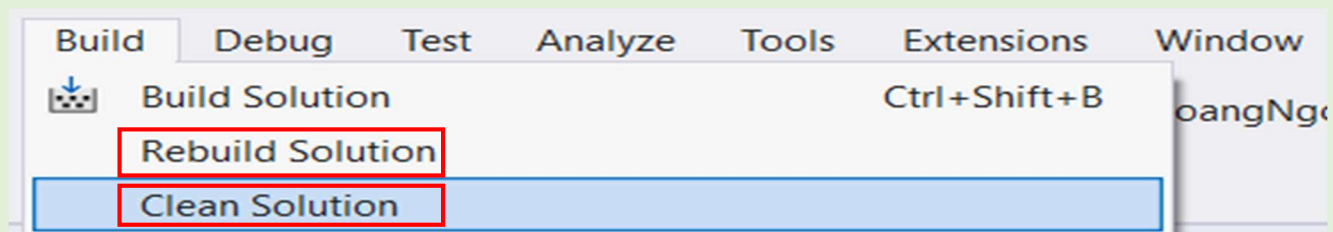


```
appsettings.json
Schema: https://json.schemastore.org/appsettings.json
{
  "ConnectionStrings": {
    "DefaultConnectionStringDB": "Data Source=(local);Initial Catalog=BookManagementDb;User ID=sa;Password=sa123456;Trusted_Connection=True;Trust Server Certificate=True"
  }
}
```

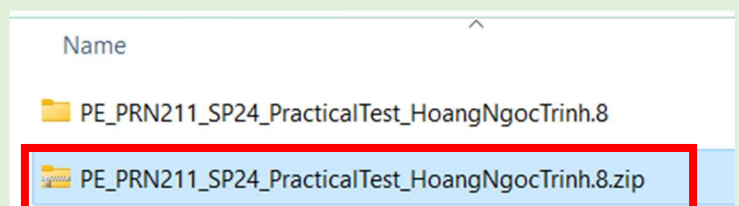
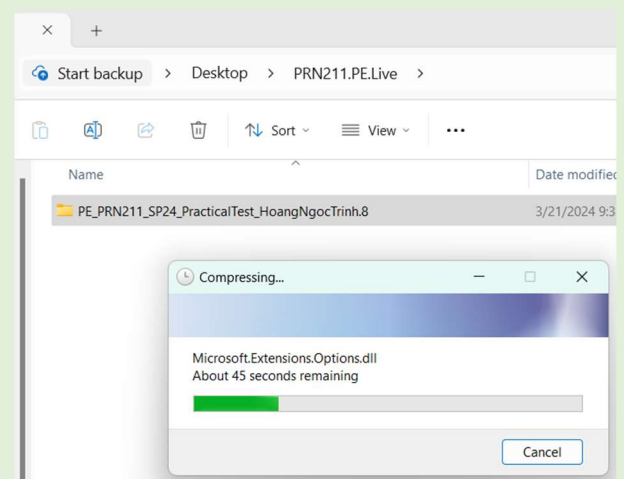
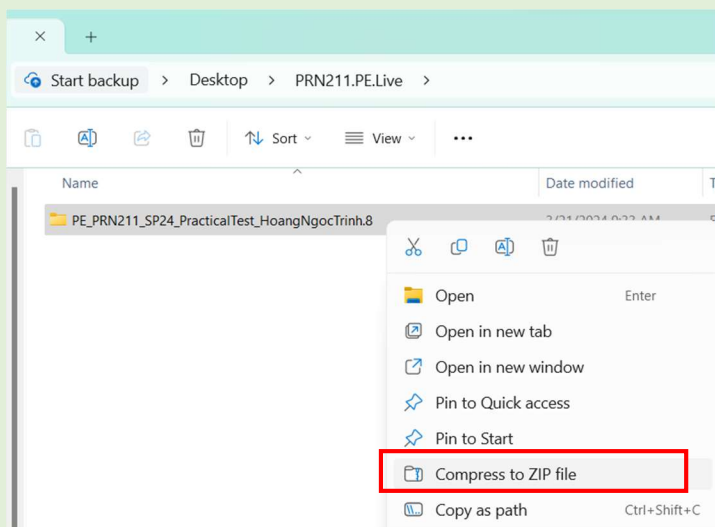
## 6. Update DbContext class to read to Connection String from configuration file .json



## 7. Rebuild Solution first & Clean Solution later to minimize the size



## 8. Turn off Visual Studio, & compress the Solution to submit to Exam Server (<10MB)



**GOOD LUCK TO YOU ALL <3 😊**