

PROJECT: **Pet Shop**
GROUP NO: . 04 , BATCH: T1.1807.M0

A. SYSTEM REQUIREMENTS:

Sr.	Item	Description
1.	Operating system	Win 7, Win 8 or Win 10
2.	Hardware	[Pentium core i3 CPU 2.80 Ghz with 4GB of RAM or higher or better]
3.	Web Browser	[IE version ...][Firefox version ...] [Chrome version...]...
4.	Fonts	Standard font Unicode: Arial, Tahoma, Lucida Console, Times New Roman.
5.	Software	Netbean 7.4, JavaEE 7 SDK or higher, SQL Server 2017 or higher

Notes: Do not install IDEs (Integrated Development Environment) on the system such as MS Visual Studio, Jbuilder, Dreamweaver, etc.

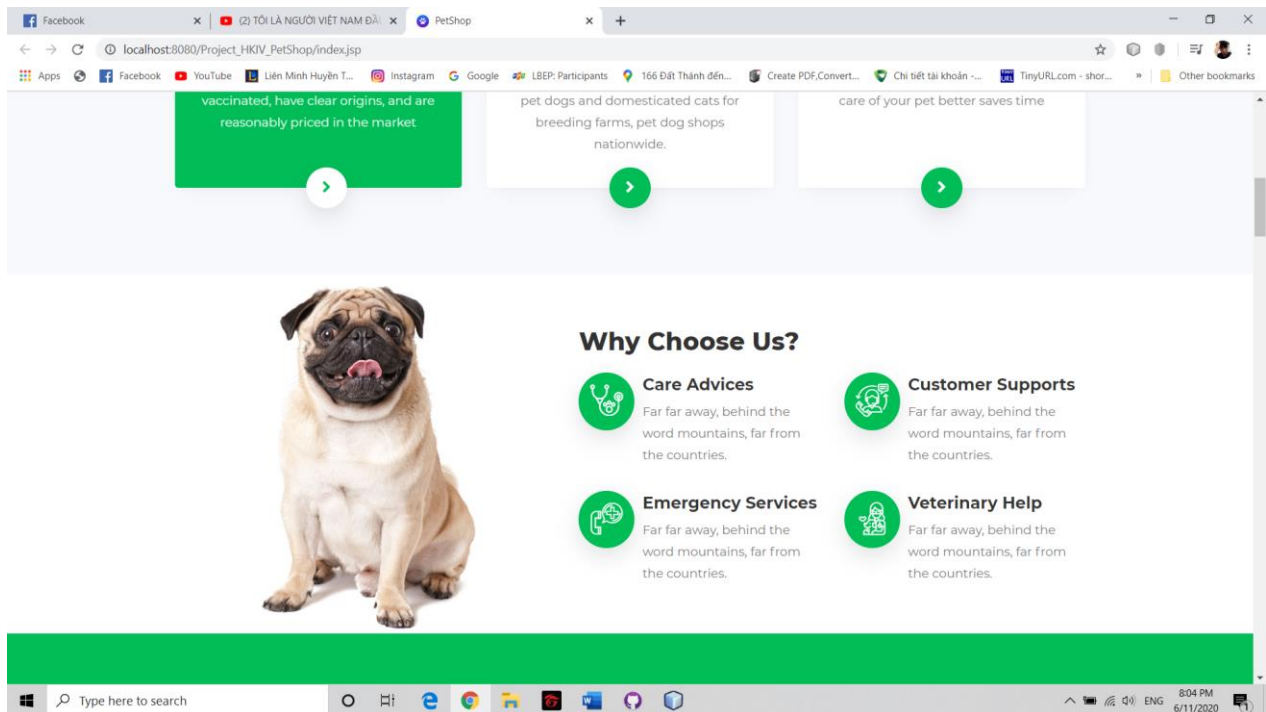
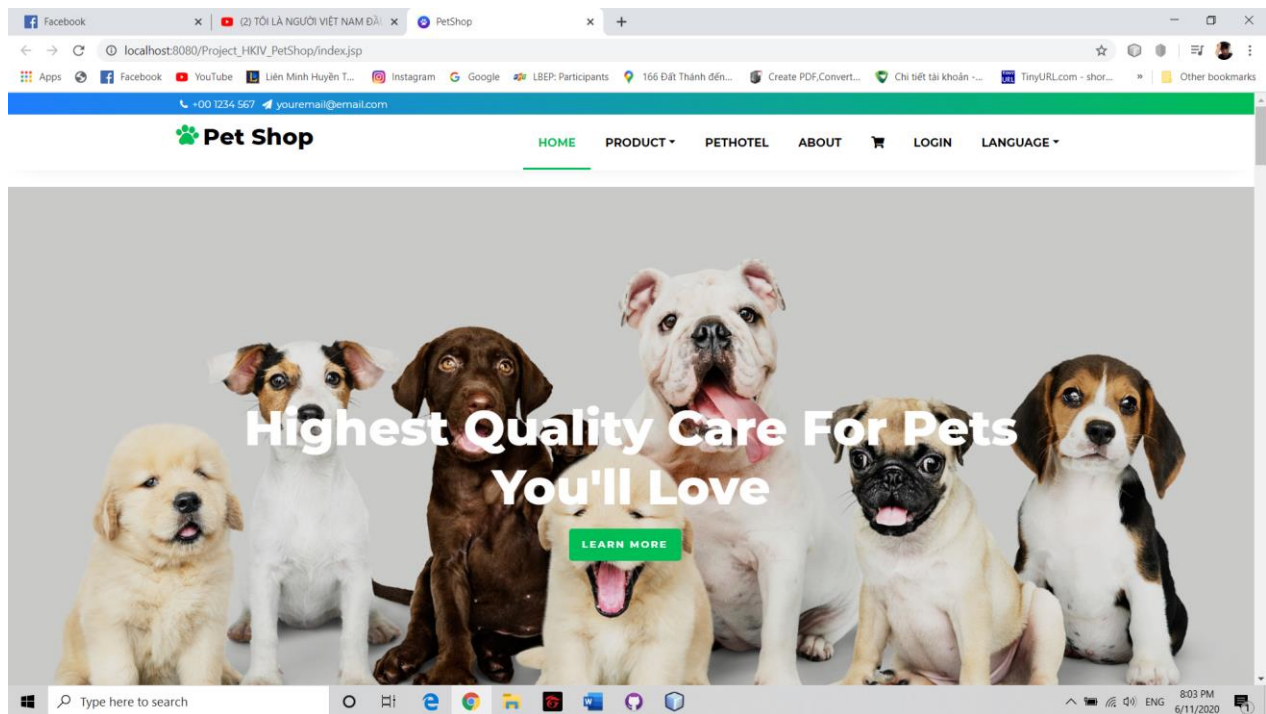
B. Program Installation

1. Download file eProjectSem04_PetShop_Group04.rar from the link that we have provided
2. Extract file eProjectSem04_PetShop_Group04.rar to your folder on the PC
3. You will have 3 folders named: document , database and source code.
4. Run your netbean , Open the file source code(project_sem4\Project_HKIV_PetShop), then run the project.

C. Successful test

- The file is loaded successfully.
- Homepage should be displayed as described in the documentation.

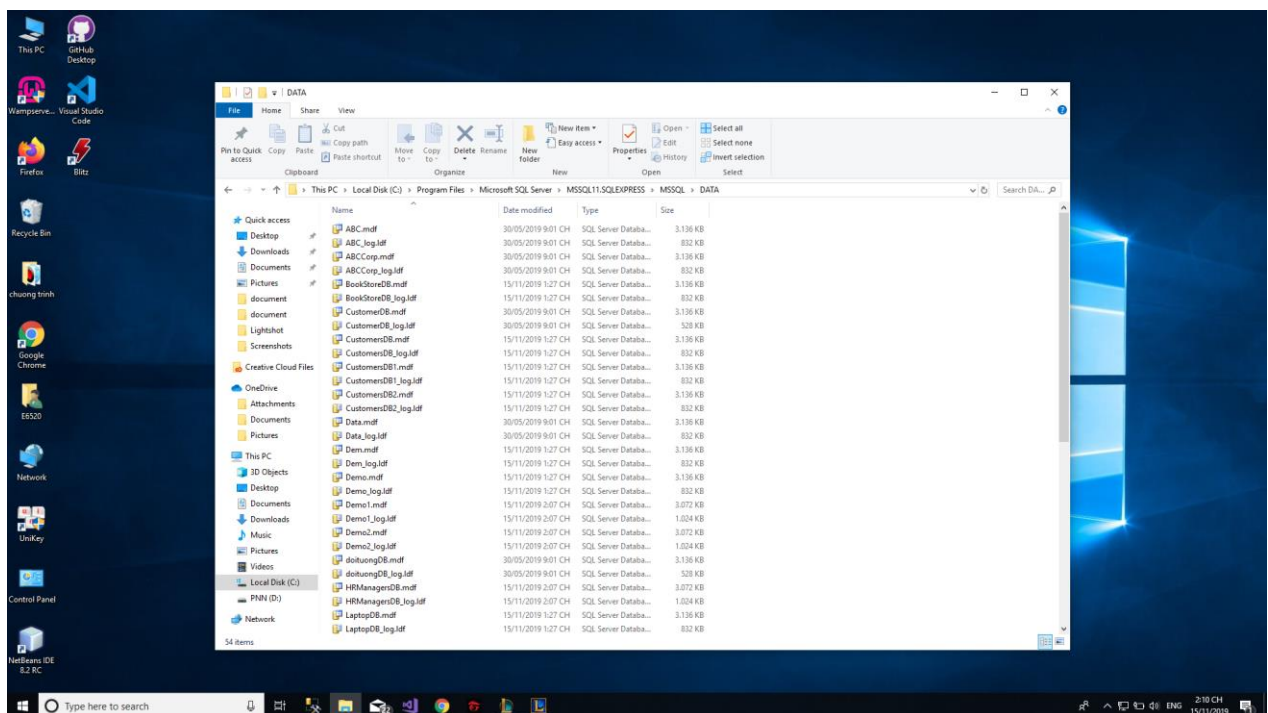
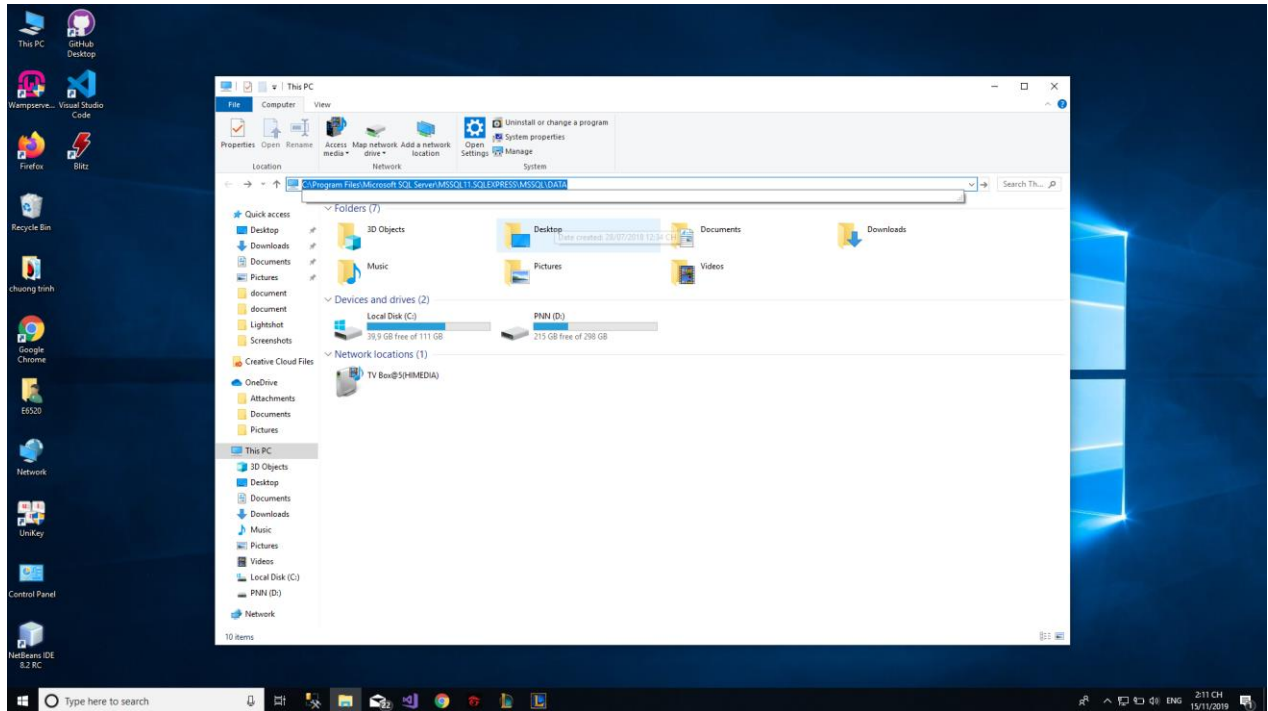
(*) - Installation documentation is included with the installation disc, should follow the proper format which have clear and complete content for anyone to perform.
- The Center performs the installation and give a notification of the protection list for successfully. Project not successfully installed is Fail.



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D. DataBase

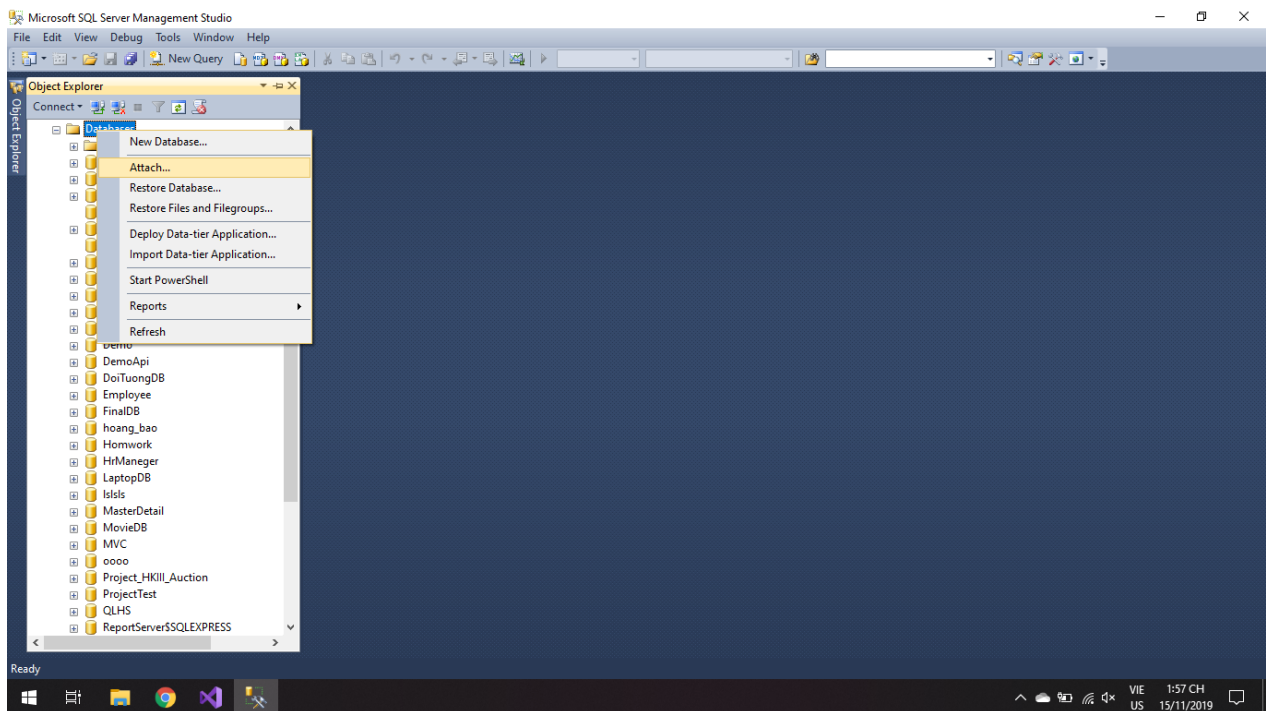
-After downloading, there will be a folder containing the database, copy and pass to the link :
C:\Program Files\Microsoft SQL Server\MSSQL11.SQLEXPRESS\MSSQL\DATA



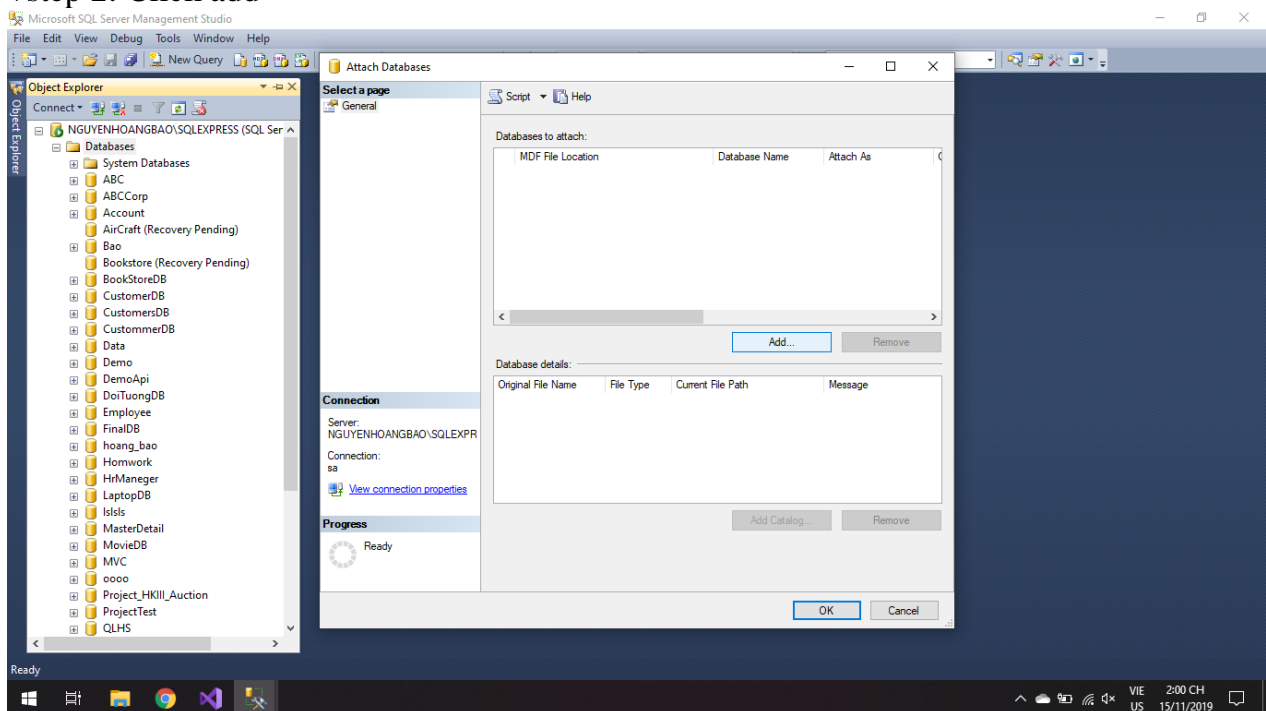
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-Now, we open up SQL Server Management studio and follow the steps:

+step 1: Right click the database item and select attach.

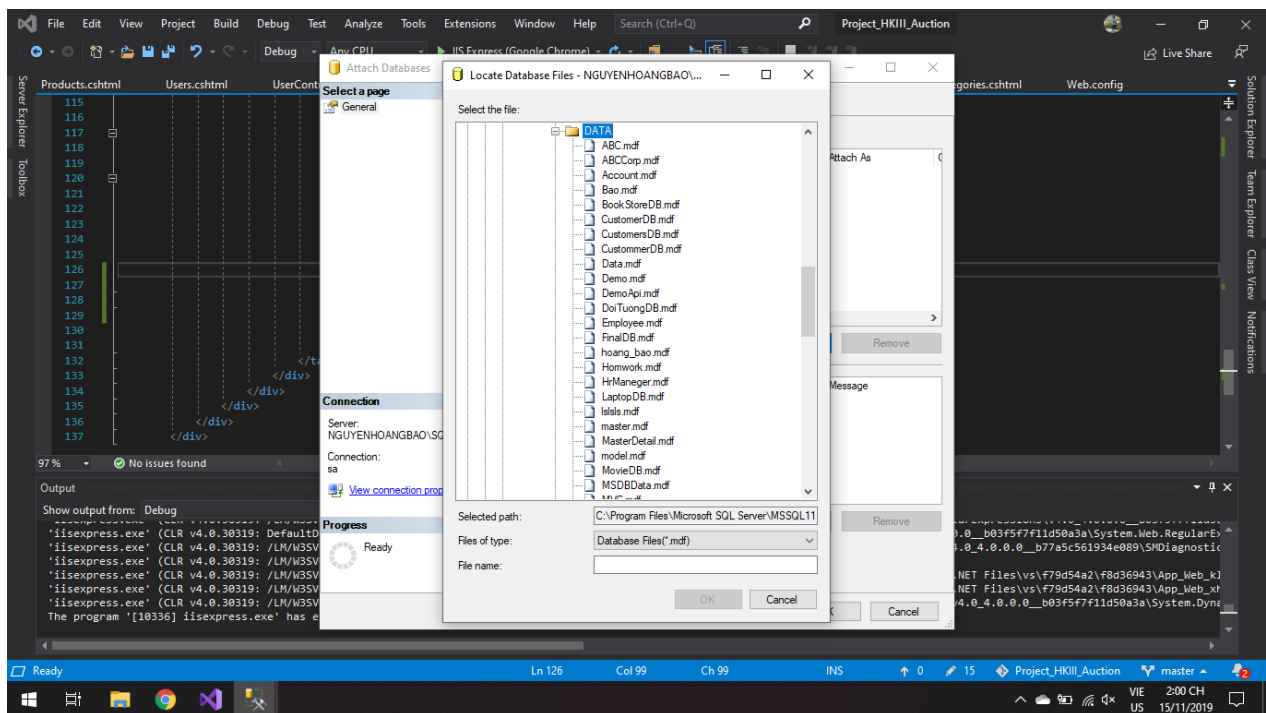


+step 2: Click add



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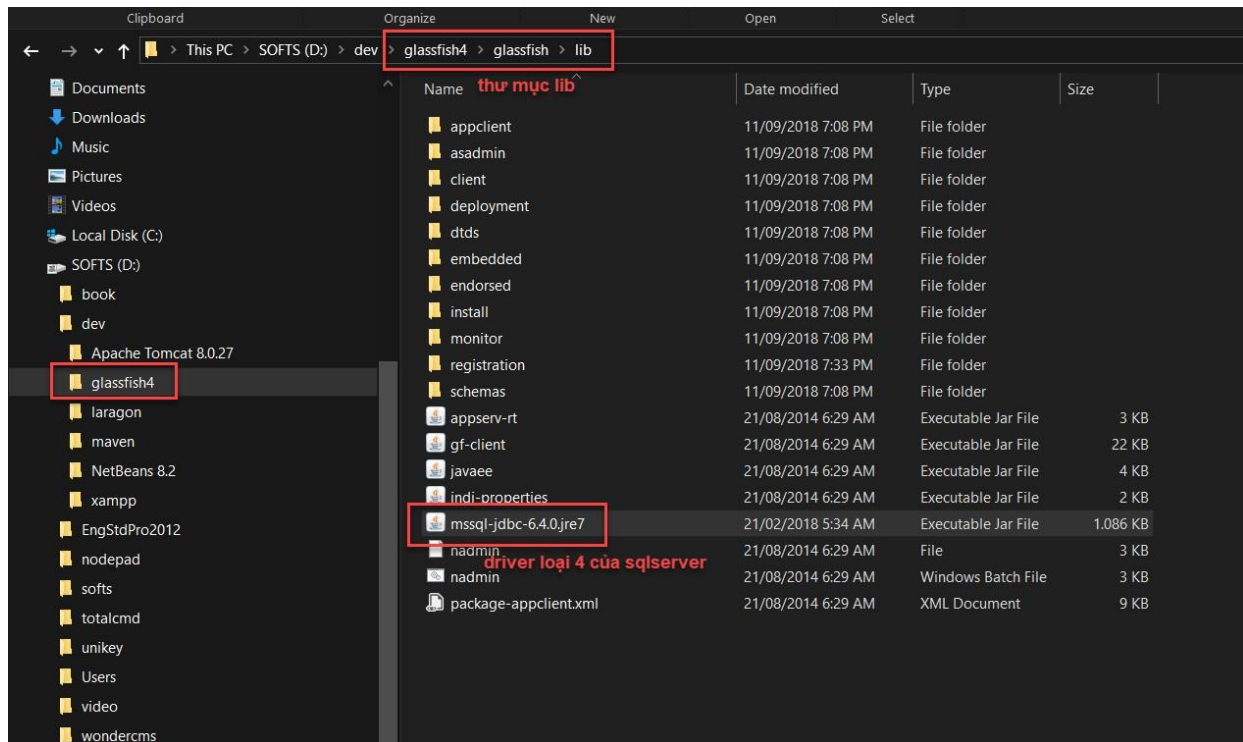
+step 3: Select the newly copied database file then click Ok.



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E. How to configure Connection Pool in GlassFish 4

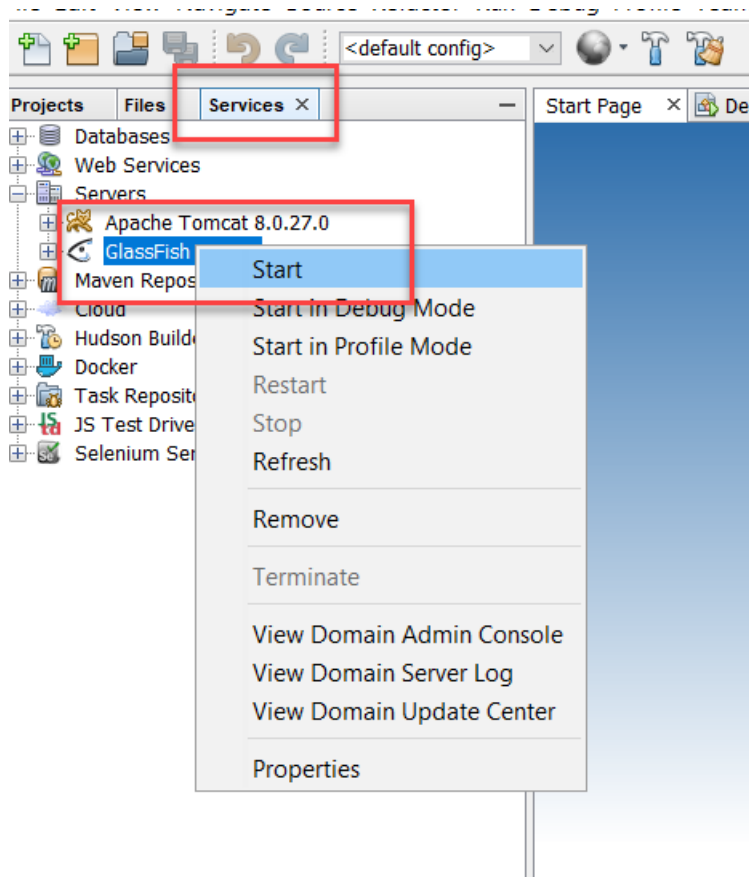
1. Copy driver sql server jdbc 4 vào thư mục **glassfish\lib**
 - Các bạn có thể download driver loại 4 dành cho java của Microsoft SQL Server theo link này: <https://www.microsoft.com/en-us/download/details.aspx?id=58505>



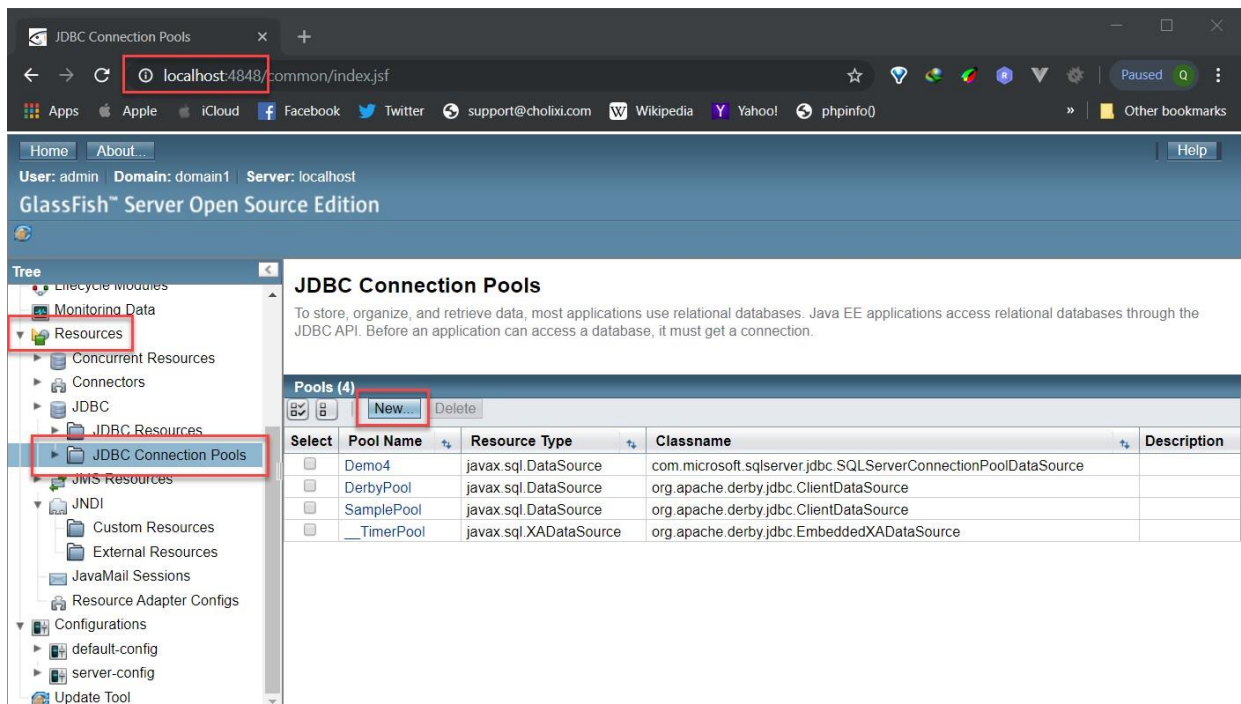
2. Khởi động glassh từ Netbean

- Trong Netbean, chọn menu **Window | Services**, hoặc chọn tab **Services** từ cửa sổ bên trái.
- Click chuột trái vào dấu (+) của mục **Servers** để bung ra
- Click chuột phải vào mục **GlassFish**, chọn **Start** để khởi động GlassFish.

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3. Sau khi GlassFish khởi động xong, mở trình duyệt, nhập vào địa chỉ: <http://localhost:4848> để vào phần admin console của GlassFish.



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- Chọn mục **Resources | JDBC Connection Pools**.
- Trong cửa sổ bên phải, JDBC Connection Pools, chọn **New** để tạo mới Connection.

- Trong cửa sổ **New JDBC Connection Pool (Step 1 of 2)**, Thiết lập thông tin như hình dưới, xong chọn **Next**.

New JDBC Connection Pool (Step 1 of 2)

Identify the general settings for the connection pool.

Next

Cancel

* Indicates required field

General Settings

Pool Name: *

Demo4

Resource Type:

javax.sql.DataSource

Must be specified if the datasource class implements more than 1 of the interface.

Database Driver Vendor:

MicrosoftSqlServer

Select or enter a database driver vendor

Introspect:

☒ Enabled

If enabled, data source or driver implementation class names will enable introspection.

- Trong cửa sổ **New JDBC Connection Pool (Step 2 of 2)**, cuộn xuống và thiết lập giống hình minh họa. Xong chọn **Finish**.

New JDBC Connection Pool (Step 2 of 2)

Identify the general settings for the connection pool. Datasource Classname or Driver Classname must be specified for the connection pool.

Previous

Finish

Cancel

* Indicates required field

General Settings

Pool Name:

Demo4

Resource Type:

javax.sql.DataSource

Database Driver Vendor:

MicrosoftSqlServer

Datasource Classname:

com.microsoft.sqlserver.jdbc.SQLServerConnectionPoolDataSource

Select or enter vendor-specific classname that implements the DataSource and/or XADataSource APIs

Driver Classname:

Select or enter vendor-specific classname that implements the java.sql.Driver interface.

Ping:

☒ Enabled

When enabled, the pool is pinged during creation or reconfiguration to identify and warn of any erroneous values for its attributes

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<input type="checkbox"/>	UseBulkCopyForBatchInsert	false	
<input type="checkbox"/>	UseFmtOnly	false	
<input type="checkbox"/>	LastUpdateCount	true	
<input type="checkbox"/>	SSLProtocol	TLS	
<input type="checkbox"/>	ServerPreparedStatementDiscardThreshold	10	
<input type="checkbox"/>	XopenStates	false	
<input type="checkbox"/>	QueryTimeout	-1	
<input type="checkbox"/>	ServerNameAsACE	false	
<input type="checkbox"/>	FIPS	false	
<input type="checkbox"/>	DatabaseName	Project_HK4_PetShop	
<input type="checkbox"/>	Encrypt	false	
<input type="checkbox"/>	JASSConfigurationName	SQLJDBCdriver	
<input type="checkbox"/>	LockTimeout	-1	
<input type="checkbox"/>	MultiSubnetFailover	false	
<input type="checkbox"/>	ApplicationIntent	readwrite	
<input type="checkbox"/>	WorkstationID	DESKTOP-9LDUS45	
<input type="checkbox"/>	PortNumber	1433	
<input type="checkbox"/>	DisableStatementPooling	true	
<input type="checkbox"/>	StatementPoolingCacheSize	0	
<input type="checkbox"/>	TrustServerCertificate	false	
<input type="checkbox"/>	User	sa	
<input type="checkbox"/>	EnablePrepareOnFirstPreparedStatementCa	false	
<input type="checkbox"/>	ColumnEncryptionSetting	Disabled	

PortNumber	1433	
DisableStatementPooling	true	
StatementPoolingCacheSize	0	
TrustServerCertificate	false	
User	sa	
EnablePrepareOnFirstPreparedStatementCa	false	
ColumnEncryptionSetting	Disabled	
ResponseBuffering	adaptive	
TransparentNetworkIPResolution	true	

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URL	jdbc:sqlserver://localhost:1433;databaseNam	
PacketSize	8000	
SocketTimeout	0	
Password	12345	
ApplicationName	Microsoft JDBC Driver for SQL Server	
CancelQueryTimeout	-1	
SendStringParametersAsUnicode	true	
LoginTimeout	15	
Authentication	NotSpecified	
ServerName	localhost	
SelectMethod	direct	

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General
Advanced
Additional Properties

Edit JDBC Connection Pool

Save Cancel

Modify an existing JDBC connection pool. A JDBC connection pool is a group of reusable connections for a particular database.

Load Defaults Flush Ping

* Indicates required field

General Settings

Pool Name: Project4

Resource Type: ▼
Must be specified if the datasource class implements more than 1 of the interface.

Datasource Classname:
Vendor-specific classname that implements the DataSource and/or XADataSource APIs

5. Trong cửa sổ Admin Console, chọn Resources | JDBC | JDBC Resources.
- Trong cửa sổ JDBC Resources, chọn New.
- Thiết lập như hình dưới, xong chọn OK.

Edit JDBC Resource

Save Cancel

Edit an existing JDBC data source.

Load Defaults

JNDI Name: project/JNDI

Pool Name: ▼
Use the [JDBC Connection Pools](#) page to create new pools

Deployment Order:
Specifies the loading order of the resource at server startup. Lower numbers are loaded first.

Description:

Status: ☒ Enabled

Additional Properties (0)

Add Property Delete Properties

Select	Name	Value	Description
No items found.			

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