# SAO LƯU VÀ PHỤC HỔI CSDL

## Nội dung chi tiết

- Import/Export
- Backup/Restore
- Detach/Attach

## Nội dung chi tiết

- Import/Export
  - Import
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### Import

- Import: là chức năng cho phép nhập dữ liệu từ HQTCSDL này vào HQTCSDL khác
- Buốc 1: Khởi động Microsoft SQL Server Management Studio
- **Bước 2:** R\_Click vào DB nhận dữ liệu  $\rightarrow$  Tasks  $\rightarrow$  Import Data



#### Bước 3: chọn Data sourse, File name, Next

| 📃 SQL Server Impor                          | t and Export Wizard 📃 🗖 🔀   |
|---|---|
| Choose a Data S<br>Select the source fro    | ource<br>om which to copy data.                                       |
| <u>D</u> ata source:                        | Microsoft Access  |
| To connect, select a d<br>advanced options. | atabase and provide a user name and password. You may need to specify |
| File name:                                  | C:\Documents and Settings\Thoa\Desktop\QLDA.mdb Browse                |
| <u>U</u> ser name:                          |   |
| <u>P</u> assword:                           |   |
|   | <u>A</u> dvanced  |
|   |   |
| <u>H</u> elp                                | < <u>B</u> ack <u>N</u> ext > <u>Finish &gt;&gt;</u> Cancel           |

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#### Bước 4: chọn như hình sau, Next

| SQL Server Import                              | and Export Wizard   |        |
|--|---|--------|
| Choose a Destina<br>Specify where to cop       | <b>tion</b><br>y data to.   |        |
| Destination:<br>Server name:<br>Authentication | SQL Native Client         .         hentication         .uthentication         QLDA         Pefresh | Vew    |
| Help   | < <u>B</u> ack <u>N</u> ext > <u>Fi</u> nish >>   | Cancel |

### Bước 5: Next



### Bước 6: chọn các bảng cần lấy dữ liệu, Next

| 📃 SQL Server Import a                       | nd Export Wizard                        |               |  |  |
|---|---|---------------|--|--|
| Select Source Tabl<br>Choose one or more ta | es and Views<br>bles and views to copy. |               |  |  |
| <u>T</u> ables and views:                   |   |               |  |  |
| Source                                      | Destination                             | Mapping       |  |  |
| 🔽 🔟 "DEAN"                                  | [QLDA].[dbo].[DEAN]                     | Edit          |  |  |
| 🔽 📰 "DIADIEM_PHG"                           | [QLDA].[dbo].[DIADIEM_P                 | Edit          |  |  |
| 🔽 📰 "NHANVIEN"                              | [QLDA].[dbo].[NHANVIEN]                 | Edit          |  |  |
| PHANCONG`                                   | [QLDA].[dbo].[PHANCONG]                 | Edit          |  |  |
| 🏹 📰 "PHONGBAN"                              | [QLDA].[dbo].[PHONGBAN]                 | Edit          |  |  |
| 🔽 📰 "THANNHAN"                              | [QLDA].[dbo].[THANNHAN]                 | Edit          |  |  |
|   |   |               |  |  |
| Select All                                  | Deselect All                            | Preview       |  |  |
| <u>H</u> elp                                | < <u>B</u> ack <u>N</u> ext > Eini      | sh>>>[ Cancel |  |  |

#### Bước 7: Finish

| SQL Server Import and Export Wizard                                    |          |
|--|----------|
| Save and Execute Package<br>Indicate whether to save the SSIS package. |          |
| Execute immediately  |          |
| Save<br>Save SSIS Package<br>SQL Server<br>File sustem                 |          |
|  |          |
|  |          |
|  |          |
|  |          |
|  |          |
|  |          |
| <u>H</u> elp < <u>B</u> ack <u>N</u> ext > <u>F</u> inish >>           | ) Cancel |

### Bước 8: Finish, chờ chương trình chạy



### Bước 9: Close

| SQL Server Import and Export Wizard                       |                        |                      |   |
|---|------------------------|----------------------|---|
| The execution was successful                              |                        | ~                    | - |
|   |                        |                      | - |
| Success   | 17 Total<br>16 Success | 0 Error<br>1 Warning | _ |
| <u>D</u> etails:  |                        |                      |   |
| Action  | Status                 | Message              | ^ |
| 🥝 Initializing Data Flow Task                             | Success                |                      |   |
| Initializing Connections                                  | Success                |                      |   |
| Setting SQL Command                                       | Success                |                      |   |
| Setting Source Connection                                 | Success                |                      |   |
| Setting Destination Connection                            | Success                |                      |   |
| 🔥 Validating  | Warning                | Messages             |   |
| Prepare for Execute                                       | Success                |                      |   |
| Pre-execute   | Success                |                      |   |
| Executing   | Success                |                      |   |
| <ol> <li>Copying to [QLDA].[dbo].[DEAN]</li> </ol>        | Success                | 6 rows transferred   |   |
| <ol> <li>Copying to [QLDA].[dbo].[DIADIEM_PHG]</li> </ol> | Success                | 5 rows transferred   |   |
| Opping to [QLDA].[dbo].[NHANVIEN]                         | Success                | 8 rows transferred   | ~ |
| Fil <u>t</u> er ▼   | Stop                   | <u>R</u> eport       | • |
|   |                        | Close                | 7 |
|   |                        |                      |   |

## Nội dung chi tiết

### Import/Export

- Import
- Export
- Backup/Restore
- Detach/Attach

### Export

- Export: là chức năng cho phép xuất dữ liệu từ HQTCSDL này qua HQTCSDL khác
- Buốc 1: Khởi động Microsoft SQL Server Management Studio
- **Bước 2:** R\_Click vào DB xuất dữ liệu  $\rightarrow$  Tasks  $\rightarrow$  Export Data



### Bước 3: chọn như hình sau, Next

| 🗟 SQL Server Import                        | and Export Wizard                               |        |
|--|---|--------|
| Choose a Data So<br>Select the source from | <b>urce</b><br>n which to copy data.            |        |
| <u>D</u> ata source:                       | SQL Native Client                               | •      |
| <u>S</u> erver name:                       |   | •      |
| -Authentication                            |   |        |
| Use <u>W</u> indows Aut                    | nentication                                     |        |
| C Use S <u>Q</u> L Server A                | uthentication                                   |        |
| <u>U</u> ser name:                         |   |        |
| <u>P</u> assword:                          |   |        |
| Da <u>t</u> abase:                         | QLDA Refresh                                    |        |
|  |   |        |
|  |   |        |
|  |   |        |
|  |   |        |
|  |   |        |
|  |   |        |
| <u>H</u> elp                               | < <u>B</u> ack <u>N</u> ext > <u>Finish</u> >>1 | Cancel |

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#### Bước 4: chọn như hình sau, Next

| 📃 SQL Server Impo                         | rt and Export Wizard 📃 🗖 🔀   |
|---|--|
| Choose a Destir<br>Specify where to c     | nation<br>opy data to.   |
| Destination:                              | Microsoft Access   |
| To connect, select a<br>advanced options. | database and provide a user name and password. You may need to specify |
| File name:                                | C:\Documents and Settings\Thoa\Desktop\QLDA.mdb Browse                 |
| <u>U</u> ser name:                        |  |
| <u>P</u> assword:                         |  |
|   | <u>A</u> dvanced   |
|   |  |
|   |  |
|   |  |
| <u>H</u> elp                              | < <u>B</u> ack <u>N</u> ext > Einish >>  Cancel                        |

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#### Bước 5: Next



### Bước 6: chọn các bảng cần lấy dữ liệu, Next

| Select All Deselect All         Select All Deselect All       Perview         Select All       Deselect All         Preview       Burn in a transaction   | 🛄 SQL Server Import and Export                                       | Wizard                   |              |  |
|---|--|--------------------------|--------------|--|
| Iables and views:         Source       Destination       Mapping         Image: Colspan="2">I (QLDA] (dbo] (DEAN)       Edit         Image: Colspan="2">I (QLDA] (dbo] (DIADIEM_PHG)       Edit         Image: Colspan="2">I (QLDA] (dbo] (DIADIEM_PHG)       Edit         Image: Colspan="2">I (QLDA] (dbo] (DIADIEM_PHG)       Image: Colspan="2">Image: Colspan="2" Image: Colspan="2"  | Select Source Tables and Vie<br>Choose one or more tables and view   | <b>rws</b><br>s to copy. |              |  |
| Source       Destination       Mapping         Image: Constraint of the state of the s   | Tables and views:  |                          |              |  |
| Image: Constraint of the second se                     | Source   | Destination              | Mapping      |  |
| Image: Constraint of the second se                     | 🔽 🔟 [QLDA].[dbo].[DEAN]  | 🛅 `DEAN`                 | Edit         |  |
| Image: Constraint of the second se                     | 🔽 📰 [QLDA].[dbo].[DIADIEM_PHG]                                       | 🛅 `DIADIEM_PHG`          | Edit         |  |
| Image: Constraint of the second se                     | 🔽 🗐 [QLDA].[dbo].[NHANVIEN]  | 🛅 `NHANVIEN`             | Edit         |  |
| ▼ □ [QLDA].[dbo].[PHONGBAN]       100 PHONGBAN'       Edit         ▼ □ [QLDA].[dbo].[sysdiagrams]       100 'sysdiagrams'       Edit         ▼ □ [QLDA].[dbo].[THANNHAN]       100 'THANNHAN'       Edit         Select All       Deselect All       Preview         □ Optimize for many tables       Bun in a transaction         Help       < Back  | 🔽 🗐 (QLDA).[dbo].[PHANCONG]  | 🛅 `PHANCONG`             | Edit         |  |
| Image: Select All       Image: Select All       Image: Select All       Image: Select All         Image: Select All       Image: Select All       Image: Select All       Image: Select All         Image: Select All       Image: Select All       Image: Select All       Image: Select All         Image: Select All       Image: Select All       Image: Select All       Image: Select All         Image: Select All       Image: Select All       Image: Select All       Image: Select All         Image: Select All       Image: Select All       Image: Select All       Image: Select All         Image: Select All       Image: Select All       Image: Select All       Image: Select All         Image: Select All       Image: Select All       Image: Select All       Image: Select All         Image: Select All       Image: Select All       Image: Select All       Image: Select All         Image: Select All       Image: Select All       Image: Select All       Image: Select All         Image: Select All       Image: Select All       Image: Select All       Image: Select All         Image: Select All       Image: Select All       Image: Select All       Image: Select All         Image: Select All       Image: Select All       Image: Select All       Image: Select All         Image: Select All       Image: Select All </td <td>🔽 🗐 (QLDA).[dbo].[PHONGBAN]</td> <td>🛅 `PHONGBAN`</td> <td>Edit</td>   | 🔽 🗐 (QLDA).[dbo].[PHONGBAN]  | 🛅 `PHONGBAN`             | Edit         |  |
| Image: Control of the second seco | 🔽 📰 [QLDA].[dbo].[sysdiagrams]                                       | 🛅 `sysdiagrams`          | Edit         |  |
| Select All       Deselect All       Preview         Optimize for many tables       Run in a transaction         Help       < Back   | 🔽 📰 [QLDA].[dbo].[THANNHAN]  | 🛅 `THANNHAN`             | Edit         |  |
| Select All       Deselect All       Preview         Optimize for many tables       Run in a transaction         Help       < Back   |  |                          |              |  |
| <u>H</u> elp < <u>B</u> ack <u>N</u> ext > <u>Finish &gt;&gt;</u> Cancel  | Select All         Deselect                □ ptimize for many tables | t All                    | Preview      |  |
|   |  | < Back Next > Eni        | sh>>  Cancel |  |

#### Bước 7: Finish

| SQL Server Import and Export Wizard                                    |        |
|--|--------|
| Save and Execute Package<br>Indicate whether to save the SSIS package. |        |
| Execute immediately  |        |
| Save   |        |
| J <u>S</u> ave SSIS Package  |        |
| Elle sustem  |        |
|  |        |
|  |        |
|  |        |
|  |        |
|  |        |
|  |        |
|  |        |
|  |        |
|  |        |
|  |        |
| Help < <u>B</u> ack <u>N</u> ext > <u>F</u> inish >>                   | Cancel |
|  | 20     |

### Bước 8: Finish, chờ chương trình chạy

| 🗟 SQL Server Import and Export Wizard 📃 🗖 🔀  |
|--|
| Complete the Wizard<br>Verify the choices made in the wizard and click Finish.   |
| Click Finish to perform the following actions:   |
| <ul> <li>Copy rows from [QLDA].[dbo].[DEAN] to 'DEAN'<br/>The new target table will be created.</li> <li>Copy rows from [QLDA].[dbo].[DIADIEM_PHG] to 'DIADIEM_PHG'<br/>The new target table will be created.</li> <li>Copy rows from [QLDA].[dbo].[NHANVIEN] to 'NHANVIEN'<br/>The new target table will be created.</li> <li>Copy rows from [QLDA].[dbo].[PHANCONG] to 'PHANCONG'<br/>The new target table will be created.</li> <li>Copy rows from [QLDA].[dbo].[PHONGBAN] to 'PHONGBAN'<br/>The new target table will be created.</li> <li>Copy rows from [QLDA].[dbo].[PHONGBAN] to 'PHONGBAN'<br/>The new target table will be created.</li> <li>Copy rows from [QLDA].[dbo].[sysdiagrams] to 'sysdiagrams'<br/>The new target table will be created.</li> <li>Copy rows from [QLDA].[dbo].[THANNHAN] to 'THANNHAN'<br/>The new target table will be created.</li> <li>Copy rows from [QLDA].[dbo].[THANNHAN] to 'THANNHAN'<br/>The new target table will be created.</li> <li>Copy rows from [QLDA].[dbo].[THANNHAN] to 'THANNHAN'<br/>The new target table will be created.</li> <li>The package will not be saved.</li> <li>The package will be run immediately.</li> </ul> |
| Help < Back Next > Finish Cancel   |

### Bước 9: Close

| SQL Server Import and Export Wizard          |              |                           |        |
|--|--------------|---------------------------|--------|
| The execution was successful                 |              | ~                         | 1      |
|  |              |                           |        |
|  | 18 Total     | 0 Error                   | _      |
| Success                                      | 18 Success   | 0 Warning                 |        |
|  |              |                           |        |
| Action                                       | Status       | Message                   | ^      |
| Prepare for Execute                          | Success      |                           |        |
| Pre-execute                                  | Success      |                           |        |
| Executing                                    | Success      |                           |        |
| <ol> <li>Copying to `DEAN`</li> </ol>        | Success      | <u>6 rows transferred</u> | _      |
| Copying to `DIADIEM_PHG`                     | Success      | 5 rows transferred        |        |
| Opying to 'NHANVIEN'                         | Success      | 8 rows transferred        |        |
| Opying to `PHANCONG`                         | Success      | 15 rows to 8 rows trans   | ferred |
| <ol> <li>Copying to 'PHONGBAN'</li> </ol>    | Success      | 3 rows transferred        |        |
| <ol> <li>Copying to `sysdiagrams`</li> </ol> | Success      | 1 rows transferred        |        |
| <ol> <li>Copying to 'THANNHAN'</li> </ol>    | Success      | 7 rows transferred        |        |
| Ø Post-execute                               | Success      |                           |        |
| 🥝 Cleanup                                    | Success      |                           | ~      |
| Fil <u>t</u> er ▼                            | <u>S</u> top | <u>R</u> eport            | •      |
|  |              | Close                     |        |
|  |              | 7                         | 7      |

## Nội dung chi tiết

- Import/Export
- Backup/Restore
  - Backup
  - Restore
- Detach/Attach

## Backup

- Backup: dùng để sao lưu CSDL
- Bước 1: Khởi động Microsoft SQL Server Management Studio
- **Bước 2:** R\_Click vào DB cần Backup  $\rightarrow$  Tasks  $\rightarrow$  Back Up

## Backup (tt)

| 🍢 Microsoft SQL Server Manageme   | nt Studio  | - 7 🛛      |
|---|--|------------|
| File Edit View Project Tools W  | indow Community Help   |            |
| 📃 New Query   🛅   📸 📸 🌇 🗋   | - 😂 🛃 🕼 🖹 🎽 🤌 🦉 🖕  |            |
| Object Explorer 🚽 🤟   | Summary  | <b>→</b> × |
| Connect 🕶 📑 📰 👕   | 🔁 🖻 🦨 🍸 🕅 📰 List 👻 🔚 Report 👻  |            |
| <ul> <li>(SQL Server 9.0.1399 - sa)</li> <li>Databases</li> <li>System Databases</li> <li>Database Snapshots</li> </ul>   | UDA<br>HOA\Databases\QLDA  | 8 Item(s)  |
|   | Name   |            |
| E      Replication     Tasks     Tasks  | Detach   |            |
| ■ ■ Notificati Rename     ③     SQL Serv Delete     ③     ④     ④     ③     ③     ③     ④     ④     ③     ④     ⑤     ⑥     ⑥     ⑥     ⑥     ⑥     ⑥     ⑥     ⑥     ⑥     ⑥     ⑥ | Take Offline<br>Bring Online   |            |
| Refresh<br>Properties   | Shrink<br>Back Up<br>Restore<br>Mirror<br>Ship Transaction Logs<br>Generate Scripts<br>Import Data<br>Export Data<br>Copy Database |            |
| Ready   |  |            |
| Roddy   |  |            |

## Backup (tt)

#### • **Bước 3:** chọn như hình sau, **OK**

| 🧊 Back Up Database - QLDA |  |  |
|---------------------------|--|--|
| Select a page             | 🔄 Script 🝷 🚺 Help                                |  |
|                           | Source<br>Database:                              | QLDA   |
|                           | Recovery <u>m</u> odel:<br>Bac <u>k</u> up type: | FULL   |
|                           | Backup component:<br>O Database                  |  |
|                           | <ul> <li>Files and filegroups:</li> </ul>        |  |
|                           | Backup set<br>Name:                              | QLDA-Full Database Backup                              |
| Connection                | De <u>s</u> cription:<br>Backup set will expire: |  |
| Server:                   | After:   | days   |
| Connection:<br>sa         | Destination                                      |  |
| Progress                  | Back up to:                                      | Disk O Tage<br>erver\MSSQL.1\MSSQL\Backup\QLDA.bak Add |
| Ready                     |  | <u>R</u> emove<br><u>C</u> ontents                     |
|                           |  | OK Cancel  |

## Nội dung chi tiết

- Import/Export
- Backup/Restore
  - Backup
  - Restore
- Detach/Attach

### Restore

Restore: dùng để phục hồi CSDL

- Buốc 1: Khởi động Microsoft SQL Server Management Studio
- **Bước 2:** R\_Click vào DB cần Restore  $\rightarrow$  Tasks  $\rightarrow$  Restore  $\rightarrow$  Database

## **Restore (tt)**



## Restore (tt)

#### Bước 3: chọn như hình sau

| 间 Restore Database - QLDA  |  |  |  |  |  |  |
|----------------------------|--|--|--|--|--|--|
| Select a page<br>🚰 General | 🔄 Script 👻 📭 Help  |  |  |  |  |  |
| i Options                  | Destination for restore  |  |  |  |  |  |
|                            | Select or type the name of a new or existing database for your restore operation.  |  |  |  |  |  |
|                            | To database: QLDA  |  |  |  |  |  |
|                            | Io a point in time: Most recent possible   |  |  |  |  |  |
|                            | Source for restore   |  |  |  |  |  |
|                            | Specify the source and location of backup sets to restore.   |  |  |  |  |  |
|                            | O From database: QLDA ♥  |  |  |  |  |  |
| Connection                 | From device:     C:\Program Files\Microsoft SQL Server\MSSQL.1\MSS   |  |  |  |  |  |
| Server:                    | Select the backup sets to restore:   |  |  |  |  |  |
| Connection:<br>sa          | Hestore     Name     Component     Type     Server     Database     Position     P       Image: Component     Type     Server     Database     Full     HOA     QLDA     1     2 |  |  |  |  |  |
| View connection properties |  |  |  |  |  |  |
| Progress                   |  |  |  |  |  |  |
| C Ready                    |  |  |  |  |  |  |
| .4D.                       |  |  |  |  |  |  |
|                            | OK Cancel  |  |  |  |  |  |
|                            | 30   |  |  |  |  |  |

## Restore (tt)

• Bước 4: chọn thẻ Options, chọn như hình sau, OK

| 🥫 Restore Database - QLDA           |  |   |
|-------------------------------------|--|---|
| Select a page                       | <u> S</u> cript 🔻 🚺 Help   |   |
| Dptions                             | Restore options<br>Querwrite the existing database<br>Preserve the replication settings<br>Prompt before restoring each backup<br>Restrict access to the restored database<br>Restore the database files as: |   |
|                                     | Original File Name   | Restore As  |
|                                     | QLDA   | C:\Program Files\Microsoft SQL Server\MS  |
|                                     | QLDA_log   | C:\Program Files\Microsoft SQL Server\MS  |
|                                     | Recovery state   |   |
| Connection<br>Server:               | <ul> <li>Leave the database ready to use by rolling b<br/>transaction logs cannot be restored.(RESTC</li> </ul>  | pack uncommitted transactions. Additional<br>IRE WITH RECOVERY)                               |
| Connection:<br>sa                   | <ul> <li>Leave the database non-operational, and do<br/>transaction logs can be restored.(RESTORE</li> </ul>   | o not roll back uncommitted transactions. Additional<br>: WITH NORECOVERY)                    |
| View connection properties Progress | <ul> <li>Leave the database in read-only mode. Und<br/>actions in a standby file so that recovery effective</li> </ul>   | lo uncommitted transactions, but save the undo<br>acts can be reversed.(RESTORE WITH STANDBY) |
| Error occurred                      | Standby file:  |   |
|                                     |  | OK Cancel   |
|                                     |  | 31  |

## Nội dung chi tiết

- Import/Export
- Backup/Restore
- Detach/Attach

## **Detach/Attach**

- Dùng Detach/Attach:
  - Dùng để chuyển CSDL từ Server này sang Server khác
  - Di chuyển CSDL từ ổ đĩa này sang ổ đĩa khác
- Detach: dùng để gỡ bỏ CSDL
- Attach: dùng để thêm CSDL vào SQL Server

- Buốc 1: Khởi động Microsoft SQL Server Management Studio
- **Bước 2 (Detach):** R\_Click vào DB cần Detach  $\rightarrow$  Tasks  $\rightarrow$  Detach



#### Bước 3 (Detach): OK

| 🧊 Detach Database          |                               |      |       |          |        |         |        |
|----------------------------|-------------------------------|------|-------|----------|--------|---------|--------|
| Select a page              | 🛒 Script 🝷 🛐 Help             | I    |       |          |        |         |        |
| 🚰 General                  | <u> </u>                      |      |       |          |        |         |        |
|                            | D <u>a</u> tabases to detach: |      |       |          |        |         |        |
|                            | Database Name                 | Drop | Updat | Keep     | Status | Message |        |
|                            | QLDA                          |      |       | <b>V</b> | Ready  |         |        |
|                            |                               |      |       |          |        |         |        |
|                            |                               |      |       |          |        |         |        |
|                            |                               |      |       |          |        |         |        |
|                            |                               |      |       |          |        |         |        |
|                            |                               |      |       |          |        |         |        |
|                            |                               |      |       |          |        |         |        |
|                            |                               |      |       |          |        |         |        |
| Connection                 |                               |      |       |          |        |         |        |
| Server:                    |                               |      |       |          |        |         |        |
| Connection                 |                               |      |       |          |        |         |        |
| sa                         |                               |      |       |          |        |         |        |
| View connection properties |                               |      |       |          |        |         |        |
|                            |                               |      |       |          |        |         |        |
| Progress                   |                               |      |       |          |        |         |        |
| Ready                      |                               |      |       |          |        |         |        |
|                            |                               |      |       |          |        |         |        |
|                            |                               |      |       |          |        |         |        |
|                            |                               |      |       |          |        | ОК      | Cancel |
|                            |                               |      |       |          |        | 35      |        |

khác.

### Bước 4: copy 2 tập tin sang vị trí khác hay máy

| <u>File Edit View Favorites Tools</u>   | Help        |                          |         |                      |                         |                    |
|---|-------------|--------------------------|---------|----------------------|-------------------------|--------------------|
| 🚱 Back 🔹 🕥 🕑 🏂 🔎 S  | iearch 💫    | Folders                  |         |                      |                         |                    |
| Address 🛅 C:\Program Files\Microsoft S  | QL Server\M | 55QL.1\M55QL\Data        |         |                      |                         |                    |
| Folders   | ×           | Name 🔺                   |         | Size                 | Туре                    | Date Modified      |
| 🗉 🚞 Common Files  | ~           | 📴 distmdl.ldf            |         | 2,816 KB             | SQL Server Databa       | 14/10/2005 2:05 Al |
| ComPlus Applications  |             | 📴 distmdl.mdf            |         | 5,120 KB             | SQL Server Databa       | 14/10/2005 2:05 Al |
| 🗉 🧰 Equis   |             | 📴 master.mdf             |         | 4,096 KB             | SQL Server Databa       | 20/06/2007 6:26 Pf |
| 🗉 🧰 Gigabyte  |             | 📴 mastlog.ldf            |         | 512 KB               | SQL Server Databa       | 20/06/2007 6:26 PM |
| 🗉 🧰 Grisoft   | _           | 📴 model.mdf              |         | 1,216 KB             | SQL Server Databa       | 20/06/2007 6:26 PM |
| 🗉 🦲 InstallShield Installation  | Informati   | 📴 modellog.ldf           |         | 512 KB               | SQL Server Databa       | 20/06/2007 6:26 Pf |
| 🗉 🦳 Intel   |             | 📴 msdbdata.mdf           |         | 4,800 KB             | SQL Server Databa       | 20/06/2007 6:26 PI |
| 🗉 🧫 Internet Explorer   |             | 📴 msdblog.ldf            |         | 512 KB               | SQL Server Databa       | 20/06/2007 6:26 PI |
| 🗉 🥁 Internet Experies at  |             | 🔋 mssqlsystemresource.ld | lf      | 512 KB               | SQL Server Databa       | 14/10/2005 1:56 A  |
| 🗉 🦲 Macromedia  |             | 📴 mssqlsystemresource.m  | ldf     | 38,976 KB            | SQL Server Databa       | 14/10/2005 1:56 A  |
|   |             | 📴 NHAN VIEN.mdf          |         | 2,048 KB             | SQL Server Databa       | 09/06/2007 7:19 Pf |
| Microsoft ActiveSync  |             | III NHAN VIEN_log.ldf    |         | 1,024 KB             | SQL Server Databa       | 09/06/2007 7:19 PI |
| 🗉 🦳 Microsoft Analysis Servi  | ces         | 📳 QLDA.mdf               |         | 2,240 KB             | SQL Server Databa       | 21/06/2007 5:29 PI |
| Image: Image is a second se |             | P QLDA_log.LDF           |         | 768 KB               | SQL Server Databa       | 21/06/2007 5:29 Pf |
| Microsoft Office  |             | SINHVIEN.mdf             |         | 2,048 KB             | SQL Server Databa       | 20/06/2007 6:26 PI |
| Microsoft SQL Server  |             | 📴 SINHVIEN_log.ldf       | Type:   | SOL Server Databas   | se Transaction Log File | 20/06/2007 6:26 PI |
| ■ □ 1 = 000000 € € 2 = 0000000  |             | 📴 tempdb.mdf             | Date N  | 40dified: 21/06/2007 | 7 5:29 PM               | 21/06/2007 2:16 PI |
|   |             | 📴 templog.ldf            | Size: 7 | 768 KB               |                         | 21/06/2007 4:48 PI |
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#### **Bước 5 (Attach):** R Click vào Database $\rightarrow$ Attach



UI

 Bước 6 (Attach): nhấn Add, chỉ đường dẫn đến file .mdf, OK

| 🥫 Attach Databases   |                                |           |                       |               |            |                 |  |  |  |
|--|--------------------------------|-----------|-----------------------|---------------|------------|-----------------|--|--|--|
| Select a page  | 🖳 Script 👻 📑 Help              |           |                       |               |            |                 |  |  |  |
| 🚰 General  | Databases to attach:           |           |                       |               |            |                 |  |  |  |
|  |                                |           |                       |               |            |                 |  |  |  |
|  | MDF File Location              | Dat       | abase 🛛 Attach As     | Owner         | Status     | Message         |  |  |  |
|  | C:\Program Files\f             | Mi 🛄 QLI  | DA QLDA               | sa            |            |                 |  |  |  |
|  |                                |           |                       |               |            | Remove          |  |  |  |
| Connection   | "QLDA" database de <u>t</u> ai | ls:       |                       |               |            |                 |  |  |  |
| Carvar   | Öriginal File Name             | File Type | Current File Path     |               |            |                 |  |  |  |
|  | QLDA.mdf                       | Data      | C:\Program Files\Micr | osoft SQL Ser | ver\MSSQL. | 1\MSSQL\Da      |  |  |  |
| Connection:  | QLUA_log.LUF                   | Log       | C:\Program Files\Micr | osoft SQL Ser | Ver\MSSQL. | INMSSQL\Da      |  |  |  |
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|  |                                |           |                       |               | 38         |                 |  |  |  |