**Lab02 BMCSDL**

Trịnh Anh Khoa – 43.01.104.080

**Tạo User:**

**1. BDAdmin**

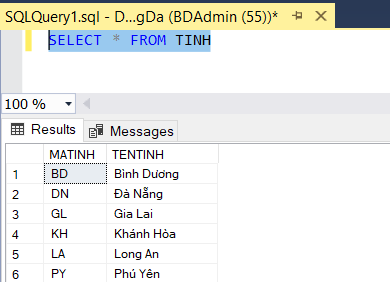
Graphical user interface, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

* Xem dữ liệu ở bảng TINH



* Thêm mới dữ liệu vào bảng TINH

Graphical user interface, text, application, Word

Description automatically generated

**2. BDBK**

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Kiểm tra:

* Backup thành công

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application, Word

Description automatically generated

* Select bị denied

Graphical user interface, text, application

Description automatically generated

**3. BDRead**Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Kiểm tra:

* Select thành công

Table

Description automatically generated

* Lệnh insert bị denied (thành công)

Graphical user interface, text, application

Description automatically generated

**4. BDU01**

Tạo user

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Add role: QLBongDa > Security >Roles > New > New database roles

Graphical user interface, text, application, email

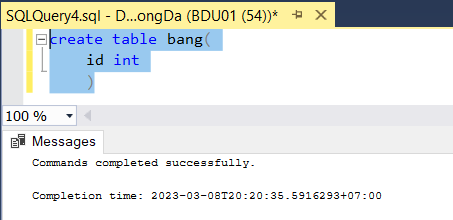
Description automatically generated

Search Database QLBongDa để thêm Role > Chọn Create table tại mục permissions for QLBongDa

Graphical user interface, text

Description automatically generated

* Tạo bảng mới thành công



* Lệnh select bị từ chối

Graphical user interface, text, application

Description automatically generated

**5. BDU02**

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application

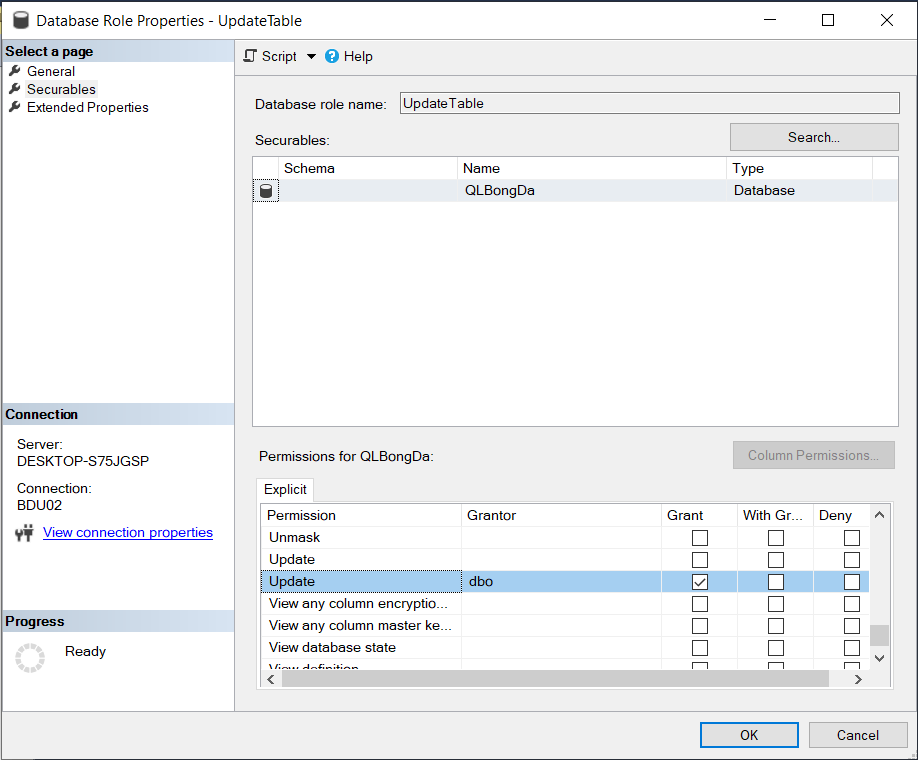
Description automatically generated

Tạo role thêm BDU02 vào

Graphical user interface, text, application, email

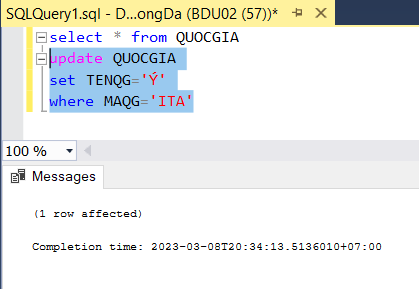
Description automatically generated

Chọn database và chọn quyền update cho role (chọn thêm select để có thể check lại)



Kiểm tra:

* Update thành công



Graphical user interface, text, application

Description automatically generated

* Không thể thêm mới table(thành công)

Graphical user interface, text, application

Description automatically generated

* Không thể xoá table (thành công)

Graphical user interface, text, application

Description automatically generated

**6. BDU03**

Tạo user

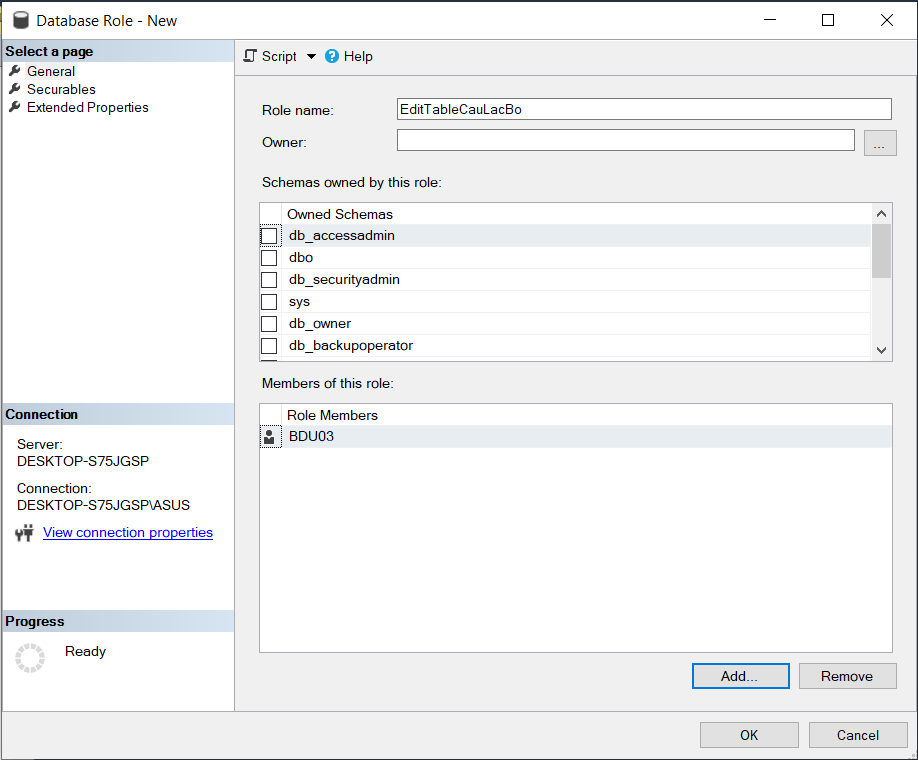
Graphical user interface, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Tạo role

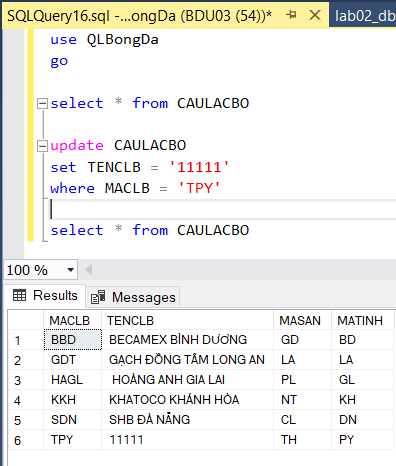


Search table > chọn bảng CAULACBO > Chọn các role (delete, insert, update, select)

Graphical user interface, table

Description automatically generated

Kiểm tra:



* Các thao tác trên bảng khác bị denied

Graphical user interface, text, application, email

Description automatically generated

**7. BDU04**

Tạo user

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Tạo Role

Graphical user interface, text, application, email

Description automatically generated

Search table > table CAUTHU > thêm các quyền select, insert, delete, update

Graphical user interface, table

Description automatically generated

Với **Select** chọn **Column Permissions** > không cho xem cột ngày sinh

**Graphical user interface, application

Description automatically generated**

Với **Update** chọn **Column Permissions** > không cho chỉnh sửa giá trị cột vị trí

Table

Description automatically generated with medium confidence

Kiểm tra:

* Ngăn chặn xem cột NGAYSINH thành công

Graphical user interface, text, application

Description automatically generated

* Không thể xem các bảng khác (thành công)

Graphical user interface, application

Description automatically generated

* Ngăn chặn việc sửa đổi vị trí thành công

Graphical user interface, text, application

Description automatically generated

* Các thao tác còn lại hoạt động bình thường

Graphical user interface, application

Description automatically generated

**8. BDProfile**

Tạo user

Graphical user interface, application

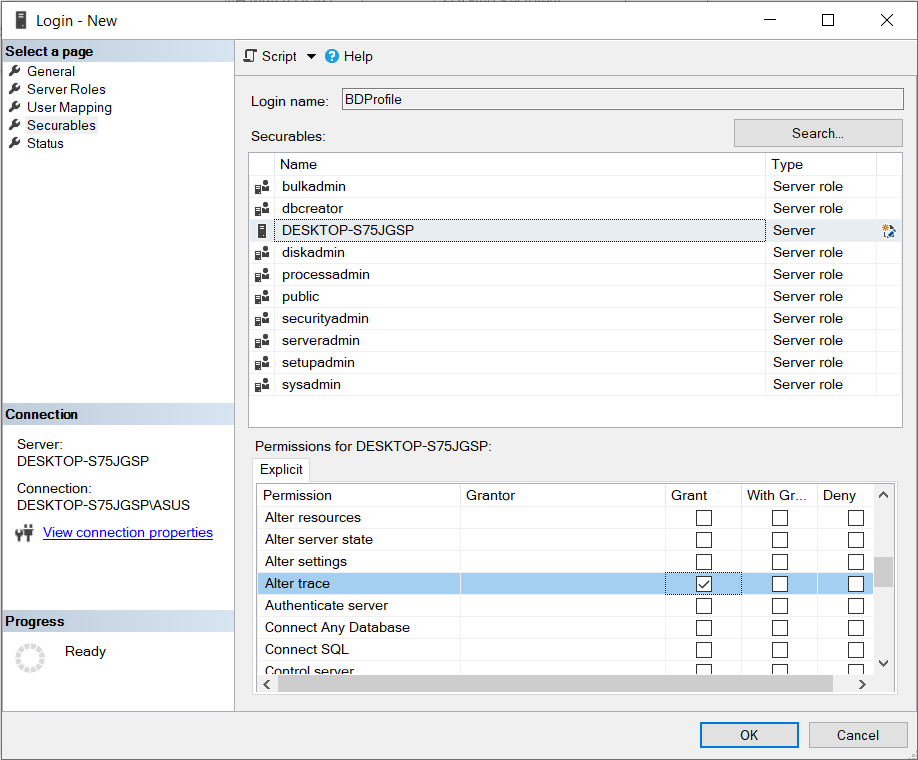
Description automatically generated

Mapping với database

Graphical user interface, text, application

Description automatically generated

Sercurbles > chọn Search server > tick vào alter trace



Kiểm tra: Tool > SQL Server Profiler > đăng nhập

Graphical user interface, text, application, email

Description automatically generated

Đăng nhập thành công

Graphical user interface, application

Description automatically generated