**PHÂN QUYỀN WEBSITE SHOP BÁN GIÀY**

1. **Tạo user**

CREATE LOGIN shoeadmin WITH PASSWORD = '123'

CREATE USER shoeadmin FOR LOGIN shoeadmin

CREATE LOGIN shoeseller WITH PASSWORD = '123'

CREATE USER shoeseller FOR LOGIN shoeseller

CREATE LOGIN shoecustomer WITH PASSWORD = '123'

CREATE USER shoecustomer FOR LOGIN shoecustomer

1. **Tạo roles**

CREATE ROLE ADMIN

CREATE ROLE CUSTOMER

CREATE ROLE SELLER

//Thêm user vào roles

EXEC sp\_addrolemember 'ADMIN', 'shoeadmin'

EXEC sp\_addrolemember 'CUSTOMER', 'shoecustomer '

EXEC sp\_addrolemember 'SELLER', 'shoeseller '

1. **Phân quyền**
2. **Phân quyền admin**

GRANT EXECUTE ON [dbo].[sp\_DeleteAccount] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_DeleteBill] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_DeleteCategory] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_DeleteContact] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_DeleteDetailOrder] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_DeleteMember] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_DeleteOrder] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_DeleteProduct] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getAllAccount] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getAllBill] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getAllCategory] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getAllContact] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getAllMember] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getAllOrder] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getAllProduct] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getDetailOder] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneAccount] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneBill] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneCategory] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneContact] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneDetailOrder] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneMember] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneOrder] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneProduct] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getProductBySaleID] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertAccount] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertBill] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertCategory] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertContact] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertDetailOrder] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertMember] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertOrder] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertOrderWithDetail] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertProduct] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_UpdateAccount] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_UpdateBill] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_UpdateCategory] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_UpdateContact] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_UpdateDetailOrder] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_UpdateMember] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_UpdateOrder] TO ADMIN WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_UpdateProduct] TO ADMIN WITH GRANT OPTION

GRANT SELECT, INSERT, UPDATE, DELETE ON [dbo].[Account] TO ADMIN WITH GRANT OPTION

GRANT SELECT, INSERT, UPDATE, DELETE ON [dbo].[Bill] TO ADMIN WITH GRANT OPTION

GRANT SELECT, INSERT, UPDATE, DELETE ON [dbo].[Category] TO ADMIN WITH GRANT OPTION

GRANT SELECT, INSERT, UPDATE, DELETE ON [dbo].[Contact] TO ADMIN WITH GRANT OPTION

GRANT SELECT, INSERT, UPDATE, DELETE ON [dbo].[DetailOrder] TO ADMIN WITH GRANT OPTION

GRANT SELECT, INSERT, UPDATE, DELETE ON [dbo].[Member] TO ADMIN WITH GRANT OPTION

GRANT SELECT, INSERT, UPDATE, DELETE ON [dbo].[Order] TO ADMIN WITH GRANT OPTION

GRANT SELECT, INSERT, UPDATE, DELETE ON [dbo].[Product] TO ADMIN WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_HoaDon] TO ADMIN WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_ProductAndAmount] TO ADMIN WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_ProductByCateName] TO ADMIN WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_ProductBySalerName] TO ADMIN WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_ProductInRangePrice] TO ADMIN WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_SearchMaxPriceByCategory] TO ADMIN WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_SearchProductName] TO ADMIN WITH GRANT OPTION

1. **Phân quyền seller**

GRANT SELECT, INSERT, UPDATE, DELETE ON [dbo].[Product] TO SELLER WITH GRANT OPTION

GRANT SELECT, INSERT, DELETE ON [dbo].[Order] TO SELLER WITH GRANT OPTION

GRANT SELECT, INSERT ON [dbo].[DetailOrder] TO SELLER WITH GRANT OPTION

GRANT SELECT, INSERT, UPDATE, DELETE ON [dbo].[Member] TO SELLER WITH GRANT OPTION

GRANT UPDATE ON [dbo].[Account] TO SELLER WITH GRANT OPTION

GRANT SELECT, INSERT, UPDATE, DELETE ON [dbo].[Bill] TO SELLER WITH GRANT OPTION

GRANT SELECT, INSERT, UPDATE, DELETE ON [dbo].[Category] TO SELLER WITH GRANT OPTION

GRANT SELECT, INSERT, UPDATE, DELETE ON [dbo].[Contact] TO SELLER WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_HoaDon] TO SELLER WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_ProductAndAmount] TO SELLER WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_ProductByCateName] TO SELLER WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_ProductBySalerName] TO SELLER WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_ProductInRangePrice] TO SELLER WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_SearchMaxPriceByCategory] TO SELLER WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_SearchProductName] TO SELLER WITH GRANT OPTION

//MÀU XANH LÀ ĐƯỢC MÀU ĐỎ LÀ KHÔNG ĐƯỢC

--GRANT EXECUTE ON [dbo].[sp\_DeleteAccount] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_DeleteBill] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_DeleteCategory] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_DeleteContact] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_DeleteDetailOrder] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_DeleteMember] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_DeleteOrder] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_DeleteProduct] TO SELLER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_getAllAccount] TO SELLER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_getAllBill] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getAllCategory] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getAllContact] TO SELLER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_getAllMember] TO SELLER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_getAllOrder] TO SELLER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_getAllProduct] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneDetailOrder] TO SELLER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_getOneAccount] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneBill] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneCategory] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneContact] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneDetailOrder] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneMember] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneOrder] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneProduct] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getProductBySaleID] TO SELLER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_InsertAccount] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertBill] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertCategory] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertContact] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertDetailOrder] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertMember] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertOrder] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertOrderWithDetail] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertProduct] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_UpdateAccount] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_UpdateBill] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_UpdateCategory] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_UpdateContact] TO SELLER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_UpdateDetailOrder] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_UpdateMember] TO SELLER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_UpdateOrder] TO SELLER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_UpdateProduct] TO SELLER WITH GRANT OPTION

1. **Phân quyền customer**

GRANT SELECT ON [dbo].[Product] TO CUSTOMER WITH GRANT OPTION

GRANT SELECT, INSERT, UPDATE, DELETE ON [dbo].[Member] TO CUSTOMER WITH GRANT OPTION

GRANT SELECT, INSERT, UPDATE ON [dbo].[Account] TO CUSTOMER WITH GRANT OPTION

GRANT SELECT, INSERT ON [dbo].[Order] TO CUSTOMER WITH GRANT OPTION

GRANT SELECT, INSERT ON [dbo].[DetailOrder] TO CUSTOMER WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_HoaDon] TO CUSTOMER WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_ProductAndAmount] TO CUSTOMER WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_ProductByCateName] TO CUSTOMER WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_ProductBySalerName] TO CUSTOMER WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_ProductInRangePrice] TO CUSTOMER WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_SearchMaxPriceByCategory] TO CUSTOMER WITH GRANT OPTION

GRANT SELECT ON [dbo].[fn\_SearchProductName] TO CUSTOMER WITH GRANT OPTION

//MÀU XANH LÀ ĐƯỢC MÀU ĐỎ LÀ KHÔNG ĐƯỢC

--GRANT EXECUTE ON [dbo].[sp\_DeleteAccount] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_DeleteBill] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_DeleteCategory] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_DeleteContact] TO CUSTOMER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_DeleteDetailOrder] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_DeleteMember] TO CUSTOMER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_DeleteOrder] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_DeleteProduct] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_getAllAccount] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_getAllBill] TO CUSTOMER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getAllCategory] TO CUSTOMER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getAllContact] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_getAllMember] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_getAllOrder] TO CUSTOMER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getAllProduct] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_getDetailOder] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_getOneAccount] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_getOneBill] TO CUSTOMER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneCategory] TO CUSTOMER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneContact] TO CUSTOMER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneDetailOrder] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_getOneMember] TO CUSTOMER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneOrder] TO CUSTOMER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_getOneProduct] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_getProductBySaleID] TO CUSTOMER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertAccount] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_InsertBill] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_InsertCategory] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_InsertContact] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_InsertDetailOrder] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_InsertMember] TO CUSTOMER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertOrder] TO CUSTOMER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_InsertOrderWithDetail] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_InsertProduct] TO CUSTOMER WITH GRANT OPTION

GRANT EXECUTE ON [dbo].[sp\_UpdateAccount] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_UpdateBill] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_UpdateCategory] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_UpdateContact] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_UpdateDetailOrder] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_UpdateMember] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_UpdateOrder] TO CUSTOMER WITH GRANT OPTION

--GRANT EXECUTE ON [dbo].[sp\_UpdateProduct] TO CUSTOMER WITH GRANT OPTION