1. Check tồn tại số tài khoản

USE [NGANHANG]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_CHECKTONTAISTK] Script Date: 30/11/2021 7:04:26 CH \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROC [dbo].[sp\_CHECKTONTAISTK] @stk NCHAR(9)

AS

BEGIN

IF EXISTS(SELECT \*

FROM taikhoan

WHERE sotk = @stk)

BEGIN

RETURN 1

END

ELSE

BEGIN

RETURN 0

END

END

1. Chuyển chi nhánh nhân viên

USE [NGANHANG]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_CHUYENCHINHANHNV] Script Date: 30/11/2021 7:04:45 CH \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROC [dbo].[sp\_CHUYENCHINHANHNV]

@manv nchar(10),

@ho nvarchar(40),

@ten nvarchar(10),

@diachi nvarchar(100),

@phai nvarchar(3),

@sdt nvarchar(15),

@macn nchar(10)

AS

BEGIN

IF EXISTS ( SELECT \* FROM LINK1.NGANHANG.DBO.NhanVien WHERE NhanVien.MANV = @manv)

BEGIN

UPDATE NhanVien Set TrangThaiXoa = 1 WHERE MANV = @manv

UPDATE Link1.NGANHANG.DBO.NhanVien Set HO = @ho, TEN = @ten, DIACHI = @diachi, PHAI = @phai, SODT = @sdt, TrangThaiXoa = 0 WHERE NhanVien.MANV = @manv

END

ELSE

BEGIN

UPDATE NhanVien Set TrangThaiXoa = 1 WHERE MANV = @manv

IF @macn = 'BENTHANH '

BEGIN

INSERT LINK1.NGANHANG.[dbo].[NhanVien] ([MANV], [HO], [TEN], [DIACHI], [PHAI], [SODT], [MACN], [TrangThaiXoa]) VALUES (@manv, @ho, @ten, @diachi, @phai, @sdt, N'TANDINH',0)

END

ELSE

BEGIN

INSERT LINK1.NGANHANG.[dbo].[NhanVien] ([MANV], [HO], [TEN], [DIACHI], [PHAI], [SODT], [MACN], [TrangThaiXoa]) VALUES (@manv, @ho, @ten, @diachi, @phai, @sdt, N'BENTHANH',0)

END

END

END

1. Đăng nhập

USE [NGANHANG]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[SP\_DANGNHAP] Script Date: 30/11/2021 7:06:50 CH \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROC [dbo].[SP\_DANGNHAP]

@TENLOGIN NVARCHAR (50)

AS

DECLARE @TENUSER NVARCHAR(50)

SELECT @TENUSER=NAME FROM sys.sysusers WHERE sid = SUSER\_SID(@TENLOGIN)

SELECT USERNAME = @TENUSER, HOTEN = (SELECT HO+ ' '+ TEN FROM NHANVIEN WHERE MANV = @TENUSER ), TENNHOM= NAME

FROM sys.sysusers

WHERE UID = (SELECT GROUPUID

FROM SYS.SYSMEMBERS

WHERE MEMBERUID= (SELECT UID FROM sys.sysusers

WHERE NAME=@TENUSER))

1. Gởi rút tiền

USE [NGANHANG]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_GOIRUT] Script Date: 30/11/2021 7:07:32 CH \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROC [dbo].[sp\_GOIRUT]

@stk nchar(9),

@loai nchar(2),

@money money,

@manv nchar(10)

AS

BEGIN

DECLARE @ketqua INT

DECLARE @sodu money

EXEC @ketqua = sp\_CHECKTONTAISTK @stk

IF @ketqua=0

BEGIN

RETURN 0 -- STK không tồn tại

END

select @sodu=SODU from TaiKhoan where SOTK =@stk

if @sodu IS NOT NULL

BEGIN

IF @loai='GT'

BEGIN

SET @sodu = (@sodu+@money)

update TaiKhoan SET SODU=@sodu WHERE SOTK=@stk

INSERT [dbo].[GD\_GOIRUT] ([LOAIGD], [MANV], [NGAYGD], [SOTIEN], [SOTK] ) VALUES ('GT', @manv, GETDATE(), @money, @stk)

RETURN 2 --THANHCONG

END

ELSE

BEGIN

IF @sodu<@money

BEGIN

RETURN 1 --SO DU khong du de rut tien

END

SET @sodu=(@sodu-@money)

update TaiKhoan SET SODU=@sodu WHERE SOTK=@stk

INSERT [dbo].[GD\_GOIRUT] ([LOAIGD], [MANV], [NGAYGD], [SOTIEN], [SOTK] ) VALUES ('RT', @manv, GETDATE(), @money, @stk)

return 2 --thành công

END

END

END

1. Hiển thị khách hàng

USE [NGANHANG]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_HIENTHIKHACHHANG] Script Date: 30/11/2021 7:10:20 CH \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROC [dbo].[sp\_HIENTHIKHACHHANG]

AS

BEGIN

select CMND,HOTEN = HO + ' ' + TEN,DIACHI,PHAI,SODT,MACN FROM LINK2.NGANHANG.DBO.KhachHang

END

1. Kiểm tra CMND tồn tại

USE [NGANHANG]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_KIEMTRACMNDTONTAI] Script Date: 30/11/2021 7:10:49 CH \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROC [dbo].[sp\_KIEMTRACMNDTONTAI]

@cmnd nchar(10)

AS

BEGIN

IF EXISTS ( SELECT \* FROM dbo.KhachHang WHERE KhachHang.CMND = @cmnd)

BEGIN

RETURN 1;

END

IF EXISTS ( SELECT \* FROM LINK1.NGANHANG.DBO.KhachHang WHERE KhachHang.CMND = @cmnd)

BEGIN

RETURN 1;

END

RETURN 0;

END

1. Kiểm tra mã nhân viên tồn tại

USE [NGANHANG]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_KIEMTRAMANHANVIENTONTAI] Script Date: 30/11/2021 7:11:25 CH \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROC [dbo].[sp\_KIEMTRAMANHANVIENTONTAI]

@manv nchar(10)

AS

BEGIN

IF EXISTS ( SELECT \* FROM dbo.NhanVien WHERE NhanVien.MANV = @manv)

BEGIN

RETURN 1;

END

IF EXISTS ( SELECT \* FROM LINK1.NGANHANG.DBO.NhanVien WHERE NhanVien.MANV = @manv)

BEGIN

RETURN 1;

END

RETURN 0;

END

1. Kiểm tra mã nhân viên được xóa

USE [NGANHANG]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[SP\_KTNHANVIENDUOCXOA] Script Date: 30/11/2021 7:19:24 CH \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROC [dbo].[SP\_KTNHANVIENDUOCXOA]

@manv nchar(9)

AS

BEGIN

if EXISTS(select \* from sys.sysusers where name=@manv)

BEGIN

RETURN 1

END

IF EXISTS(SELECT \* FROM GD\_CHUYENTIEN WHERE MANV=@manv)

OR EXISTS(SELECT \* FROM GD\_GOIRUT WHERE MANV=@manv)

OR EXISTS(SELECT \* FROM LINK1.NGANHANG.DBO.GD\_CHUYENTIEN WHERE MANV=@manv)

OR EXISTS(SELECT \* FROM LINK1.NGANHANG.DBO.GD\_GOIRUT WHERE MANV=@manv)

BEGIN

RETURN 1

END

RETURN 0

END

1. Kiểm tra xóa khách hàng

USE [NGANHANG]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[SP\_KTXOAKHACHHANG] Script Date: 30/11/2021 7:20:01 CH \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROC [dbo].[SP\_KTXOAKHACHHANG]

@cmnd nchar(9)

AS

BEGIN

IF EXISTS(SELECT \* FROM TaiKhoan WHERE CMND=@cmnd)

BEGIN

RETURN 1

END

ELSE

BEGIN

RETURN 2

END

END

1. Report Danh sách khách hàng

USE [NGANHANG]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_ReportDSKH] Script Date: 30/11/2021 7:20:45 CH \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROC [dbo].[sp\_ReportDSKH]

@toanbo bit

AS

if @toanbo='true'

BEGIN

SELECT CMND,HOTEN=HO+' '+TEN,DIACHI,PHAI,NGAYCAP,SODT,MACN FROM LINK2.NGANHANG.DBO.KhachHang ORDER BY HO,TEN ASC

END

ELSE

BEGIN

SELECT CMND,HOTEN=HO+' '+TEN,DIACHI,PHAI,NGAYCAP,SODT,MACN FROM KhachHang ORDER BY HO,TEN ASC

END

1. Report danh sách tài khoản

USE [NGANHANG]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_ReportDSTK] Script Date: 30/11/2021 7:21:27 CH \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROC [dbo].[sp\_ReportDSTK]

@dayfrom datetime,

@dayto datetime,

@macn nchar(10),

@toanbo bit

AS

if @toanbo='true'

BEGIN

SELECT SOTK,CMND,SODU,MACN,NGAYMOTK FROM TaiKhoan WHERE(DATEDIFF(day, @dayfrom, NGAYMOTK)>=0 and DATEDIFF(day, NGAYMOTK,@dayto)>=0)

END

ELSE

BEGIN

SELECT SOTK,CMND,SODU,MACN,NGAYMOTK FROM TaiKhoan WHERE(DATEDIFF(day, @dayfrom, NGAYMOTK)>=0 and DATEDIFF(day, NGAYMOTK,@dayto)>=0) and MACN = @macn

END

1. Report sao kê tài khoản

USE [NGANHANG]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[SP\_SaoKeTK\_CN] Script Date: 30/11/2021 7:22:00 CH \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROC [dbo].[SP\_SaoKeTK\_CN]

@SOTK NCHAR(9),

@FROMDATE DATETIME,

@TODATE DATETIME

AS

IF NOT EXISTS (SELECT 1 FROM TaiKhoan TK WHERE TK.SOTK=@SOTK)

BEGIN

RETURN 1;

END;

DECLARE @TG AS TABLE(

SOTK NCHAR(9),

SOTIEN MONEY,

LOAIGD NCHAR(2),

NGAYGD DATETIME

);

INSERT INTO @TG SELECT SOTK , +GR.SOTIEN AS SOTIEN , LOAIGD , NGAYGD FROM GD\_GOIRUT GR WHERE GR.SOTK=@SOTK AND GR.LOAIGD='GT' AND NGAYGD >= @FROMDATE

INSERT INTO @TG SELECT SOTK , -GR.SOTIEN AS SOTIEN , LOAIGD , NGAYGD FROM GD\_GOIRUT GR WHERE GR.SOTK=@SOTK AND GR.LOAIGD='RT' AND NGAYGD >= @FROMDATE

INSERT INTO @TG SELECT SOTK , +GR.SOTIEN AS SOTIEN , LOAIGD , NGAYGD FROM LINK1.NGANHANG.DBO.GD\_GOIRUT GR WHERE GR.SOTK=@SOTK AND GR.LOAIGD='GT' AND NGAYGD >= @FROMDATE

INSERT INTO @TG SELECT SOTK , -GR.SOTIEN AS SOTIEN , LOAIGD , NGAYGD FROM LINK1.NGANHANG.DBO.GD\_GOIRUT GR WHERE GR.SOTK=@SOTK AND GR.LOAIGD='RT' AND NGAYGD >= @FROMDATE

INSERT INTO @TG SELECT SOTK , NT.SOTIEN AS SOTIEN , 'NT' AS LOAIGD , NGAYGD FROM ((SELECT SOTK\_NHAN AS SOTK , CT.SOTIEN AS SOTIEN , 'NT' AS LOAIGD , NGAYGD FROM GD\_CHUYENTIEN CT WHERE CT.SOTK\_NHAN=@SOTK AND NGAYGD >= @FROMDATE)UNION

(SELECT SOTK\_NHAN AS SOTK , CT.SOTIEN AS SOTIEN , 'NT' AS LOAIGD , NGAYGD FROM LINK1.NGANHANG.DBO.GD\_CHUYENTIEN CT WHERE CT.SOTK\_NHAN=@SOTK AND NGAYGD >= @FROMDATE)) AS NT

INSERT INTO @TG SELECT SOTK , -CT.SOTIEN AS SOTIEN , 'CT' AS LOAIGD , NGAYGD FROM ((SELECT SOTK\_CHUYEN AS SOTK , CT.SOTIEN AS SOTIEN , 'CT' AS LOAIGD , NGAYGD FROM GD\_CHUYENTIEN CT WHERE CT.SOTK\_CHUYEN=@SOTK AND NGAYGD >= @FROMDATE)UNION

(SELECT SOTK\_CHUYEN AS SOTK , CT.SOTIEN AS SOTIEN , 'CT' AS LOAIGD , NGAYGD FROM LINK1.NGANHANG.DBO.GD\_CHUYENTIEN CT WHERE CT.SOTK\_CHUYEN=@SOTK AND NGAYGD >= @FROMDATE)) AS CT

SELECT (TK.SODU - (SELECT SUM(SOTIEN) FROM @TG WHERE NGAYGD >= GD.NGAYGD)) AS SODUDAU, NGAYGD, LOAIGD, abs(SOTIEN) AS SOTIEN, ((TK.SODU - (SELECT SUM(SOTIEN) FROM @TG WHERE NGAYGD >= GD.NGAYGD)) + GD.SOTIEN) AS SODUSAU

FROM (SELECT TK.SOTK, TK.SODU FROM TaiKhoan TK WHERE TK.SOTK=@SOTK) AS TK

INNER JOIN (SELECT \* FROM @TG WHERE NGAYGD <= @TODATE) AS GD ON TK.SOTK=GD.SOTK

ORDER BY GD.NGAYGD ASC

1. Tạo tài khoản nhân viên

USE [NGANHANG]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_TAOTAIKHOAN] Script Date: 30/11/2021 7:22:29 CH \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROC [dbo].[sp\_TAOTAIKHOAN]

@tendangnhap VARCHAR(50),

@matkhau VARCHAR(50),

@tennguoidung VARCHAR(50),

@phanquyen VARCHAR(50)

AS

BEGIN

DECLARE @ketqua INT

-- Nếu đã bị trùng tên đăng nhập(loginname)

EXEC @ketqua = sp\_addlogin @tendangnhap, @matkhau, 'NGANHANG'

IF @ketqua = 1

BEGIN

RETURN 1

END

-- Nếu đã bị trùng tên người dùng(username)

EXEC @ketqua= sp\_grantdbaccess @tendangnhap, @tennguoidung

IF @ketqua = 1

BEGIN

EXEC sp\_droplogin @tendangnhap

RETURN 2

END

-- Nếu loginname và username thỏa mãn thì thêm 1 quyền phía server cho người dùng thuộc nhóm PGV hoặc PKETOAN là securityadmin để có thể tạo tài khoản

EXEC sp\_addrolemember @phanquyen, @tennguoidung

IF @phanquyen= 'CHINHANH' OR @phanquyen= 'NGANHANG'

BEGIN

EXEC sp\_addsrvrolemember @tendangnhap, 'securityadmin'

RETURN 0

END

END

1. Tạo tài khoản khách hàng

USE [NGANHANG]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_TAOTAIKHOANKHACHHANG] Script Date: 30/11/2021 7:22:51 CH \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROC [dbo].[sp\_TAOTAIKHOANKHACHHANG]

@stk NCHAR(9),

@cmnd NCHAR(10),

@sodu MONEY,

@macn NCHAR(10),

@ngaymotk DATETIME

AS

BEGIN

INSERT LINK0.NGANHANG.DBO.TaiKhoan ([SOTK], [CMND], [MACN], [NGAYMOTK], [SODU] ) VALUES (@stk, @cmnd, @macn, @ngaymotk, @sodu)

END

1. Thực hiện chuyển tiền

USE [NGANHANG]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sp\_THUCHIENCHUYENTIEN] Script Date: 30/11/2021 7:23:22 CH \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROCEDURE [dbo].[sp\_THUCHIENCHUYENTIEN]

@stkfrom nchar(9),

@stkto nchar(9),

@money money,

@manv nchar(10)

AS

BEGIN

DECLARE @ketqua1 INT

DECLARE @ketqua2 INT

DECLARE @soduchuyen money

DECLARE @sodunhan money

EXEC @ketqua1 = sp\_CHECKTONTAISTK @stkto

EXEC @ketqua2 = sp\_CHECKTONTAISTK @stkfrom

IF @ketqua1=0

BEGIN

RETURN 3

-- STK chuyển không tồn tại

END

IF @ketqua2=0

BEGIN

RETURN 4

-- STK nhận không tồn tại

END

select @soduchuyen=SODU from TaiKhoan where SOTK =@stkfrom

select @sodunhan=SODU from TaiKhoan where SOTK =@stkto

if @soduchuyen IS NOT NULL AND @sodunhan IS NOT NULL

BEGIN

IF @soduchuyen<@money

BEGIN

RETURN 0

--SO DU khong du de rut tien

END

SET @soduchuyen=(@soduchuyen-@money)

SET @sodunhan=(@sodunhan+@money)

update TaiKhoan SET SODU=@soduchuyen WHERE SOTK=@stkfrom

update TaiKhoan SET SODU=@sodunhan WHERE SOTK=@stkto

INSERT [dbo].[GD\_CHUYENTIEN] ([MANV], [NGAYGD], [SOTIEN], [SOTK\_CHUYEN], [SOTK\_NHAN]) VALUES (@manv, GETDATE(), @money, @stkfrom, @stkto)

return 1

--thành công

END

END

1. Xóa tài khoản nhân viên

USE [NGANHANG]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[SP\_XOALOGIN] Script Date: 30/11/2021 7:24:30 CH \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROC [dbo].[SP\_XOALOGIN]

@TENUSER NVARCHAR (50),

@GROUPNAME NVARCHAR(50)

AS

BEGIN

DECLARE @GROUP NVARCHAR(50)

DECLARE @LOGIN NVARCHAR(50)

SELECT @GROUP=NAME

FROM sys.sysusers

WHERE UID = (SELECT GROUPUID

FROM SYS.SYSMEMBERS

WHERE MEMBERUID= (SELECT UID FROM sys.sysusers

WHERE NAME=@TENUSER))

if exists (select loginname FROM sys.syslogins as l where l.sid=(select sid from sys.sysusers where name=@TENUSER)

)

BEGIN

select @LOGIN= loginname FROM sys.syslogins as l where l.sid=(select sid from sys.sysusers where name=@TENUSER)

if (@GROUPNAME='CHINHANH')

BEGIN

IF @GROUPNAME =@GROUP

BEGIN

exec sp\_droplogin @LOGIN

exec sp\_dropuser @TENUSER

RETURN 1

END

ELSE

BEGIN

RETURN 0

END

END

ELSE

BEGIN

exec sp\_droplogin @LOGIN

exec sp\_dropuser @TENUSER

RETURN 1

END

END

ELSE

BEGIN

RETURN 2

END

END