

```

ALTER VIEW [dbo].[GETDSSV]
AS
SELECT MAGV, HO+ ' ' + TEN AS N'HO TEN' FROM dbo.GIANGVIEN
where not exists ((select name from sys.sysusers where name = MAGV) union (select name
from link1.QLDSV.sys.sysusers where name = MAGV) union (select name from
link2.QLDSV.sys.sysusers where name = MAGV))

```

GO

```

alter view [dbo].[V_DSPM]
as

```

```

SELECT pub.description, sub.subscriber_server
FROM      dbo.sysmergepublications AS pub INNER JOIN
          dbo.sysmergesubscriptions AS sub ON pub.pubid = sub.pubid
WHERE     (sub.subscriber_server <> @@SERVERNAME)
GO

```

```

alter view [dbo].[V_LoginAcc]
as

```

```

      select L.loginname 'Tài Khoản', U.name 'Tên',PRODUCT.name 'Quyền' from
sys.sysusers as U, sys.syslogins as L,(select M.memberuid,MUR.name from sys.systemmembers
M,sys.sysusers MUR
      where M.groupuid = MUR.uid) as PRODUCT
      where U.sid = L.sid and l.loginname <> 'sa' and l.loginname <> 'HTKN' and
PRODUCT.memberuid = U.uid

```

GO

```

alter view [dbo].[V_STUDENT]
as

```

```

select MASV,HO + ' ' + TEN as HOTEN, MALOP from SINHVIEN where NGHIHOC = 0
GO

```

```

ALTER proc [dbo].[RP_DANHSACHTHIHETMON]

```

```

@MALOP char(10),

```

```

@MAMH char(10),

```

```

@LAN smallint

```

```

as

```

```

begin

```

```

      SELECT ROW_NUMBER() over(order by D.DIEM desc) STT,SV.MASV,HO + ' ' + TEN as
HOTEN, SOTO = '',DIEM, CHUKY = ''
      FROM [QLDSV].[dbo].[DIEM] D
      inner join [QLDSV].[dbo].[SINHVIEN] SV
      on D.MASV = SV.MASV
      WHERE SV.MALOP = @MALOP AND D.MAMH = @MAMH AND D.LAN = @LAN
end

```

```

ALTER PROC [dbo].[sp_BANGDIEMONHOC]

```

```

@MALOP char(10),

```

```

@MAMH char(10),

```

```

@LAN smallint

```

```

AS

```

```

BEGIN

```

```

        SELECT ROW_NUMBER() over(order by D.DIEM desc) STT,HO + ' ' + TEN AS ' HỌ VÀ TÊN ' ,
        DIEM AS 'ĐIỂM'
        FROM [QLDSV].[dbo].[DIEM] D
        inner join [QLDSV].[dbo].[SINHVIEN] SV
        on D.MASV = SV.MASV
        WHERE SV.MALOP = @MALOP AND D.MAMH = @MAMH AND D.LAN = @LAN

```

END

```
ALTER PROC [dbo].[sp_BANGDIEMTONGKET]
```

```
@malop CHAR(8)
```

```
AS
```

```
BEGIN
```

```

        SELECT SV.MASV, HOTEN = SV.HO + ' ' + SV.TEN, MH.TENMH, DIEM = MAX(D.DIEM)
        FROM SINHVIEN AS SV, DIEM AS D, MONHOC AS MH
        WHERE
        SV.MALOP = @malop AND
        SV.MASV = D.MASV AND
        D.MAMH = MH.MAMH
        GROUP BY SV.MASV, SV.HO, SV.TEN, MH.MAMH, MH.TENMH
        ORDER BY SV.TEN ASC

```

END

```
ALTER proc [dbo].[SP_ChuyenLopPhanTan]
```

```
@MASV char(12),@MASVMOI char(12),@MALOPMOI char(8)
```

```
as
```

```
begin
```

```

        DECLARE @ho nVARCHAR(40);
        DECLARE @ten nVARCHAR(10);
        DECLARE @phai bit;
        DECLARE @ngaySinh datetime;
        DECLARE @noiSinh nVARCHAR(40);
        DECLARE @diaChi nVARCHAR(80);
        DECLARE @ghiChu NVARCHAR(MAX);
        declare @getRes1 int;
        declare @getRes2 int;
        declare @alExist int;
        select @ho = HO,@ten = TEN,@phai = PHAI,@ngaySinh = NGAYSINH,@noiSinh = NOISINH,
        @diaChi = DIACHI,@ghiChu = GHICHU from SINHVIEN where MASV = @MASV
        SET XACT_ABORT ON
        BEGIN DISTRIBUTED TRANSACTION
            exec @alExist = sp_KiemTraMaSinhVienTonTai @MASVMOI
            exec @getRes1= SP_ChuyenLopTrenServer @MASV,@MASVMOI,@MALOPMOI,@ho,@ten,
@phai, @ngaySinh,@noiSinh,@diaChi,@ghiChu,@alExist
            exec @getRes2= LINK1.QLDSV.dbo.SP_ChuyenLopTrenServer
@MASV,@MASVMOI,@MALOPMOI,@ho,@ten, @phai, @ngaySinh,@noiSinh,@diaChi,@ghiChu,@alExist
            exec SP_XoaSinhVienDaChuyen @MASV
            select @alExist
            select @getRes1
            select @getRes2
            if( @getRes2 = 3 or @getRes1 = 3)
            begin
                COMMIT TRANSACTION;
                return 3
            end

```

```

        if(@alExist = 1)
        begin
            rollback transaction
            return 1
        end
    COMMIT TRANSACTION;
end

```

```

ALTER proc [dbo].[SP_ChuyenLopTrenServer]
@MASV char(12),@MASVMOI char(12),@MALOPMOI char(8),@ho nVARCHAR(40),
@ten nVARCHAR(10), @phai bit, @ngaySinh datetime,
@noiSinh nVARCHAR(40),@diaChi nVARCHAR(80),@ghiChu nText,@alExist int
as
begin
    if(exists (select * from LOP where MALOP = @MALOPMOI))
    begin
        DECLARE @ma int;
        set @ma = 0
        exec @ma = SP_KiemTraSinhVienDaOTrongLop @MASVMOI,@MALOPMOI,@ho,@ten,
@phai, @ngaySinh,@noiSinh,@diaChi
        if @ma = 3
        begin
            update SINHVIEN set NGHIHOC = 'False' where MASV = @MASVMOI
            return 3
        end
        if @alExist <> 1
            exec SP_TaoMoiSinhVien @MASVMOI, @MALOPMOI, @ho, @ten, @phai,
@ngaySinh, @noiSinh, @diaChi, @ghiChu
            return 0
        end
    end
end

```

```

ALTER PROC [dbo].[sp_DANHSACHNHAPDIEM]
@MALOP char(8),
@MAMH char(6),
@LAN smallint
AS
BEGIN
    SELECT b1.MASV, b1.HO + ' ' + b1.TEN as 'HOTEN' , b2.DIEM
    FROM [QLDSV].[dbo].[SINHVIEN] as b1
    INNER JOIN [QLDSV].[dbo].[DIEM] as b2
    ON b1.MASV = b2.MASV
    where b1.MALOP = @MALOP AND B2.MAMH = @MAMH AND b2.LAN = @LAN and b1.NGHIHOC = 0
END

```

```

ALTER PROC [dbo].[SP_DONGHOCPhi]
@MASV nVARCHAR(12),@NIENKHOA nVARCHAR(50),@HOCKY INT,@SOTIENDONG INT
AS
BEGIN
    if(exists(select 1 from CT_DONGHOCPhi where MASV = @MASV and NIENKHOA = @NIENKHOA
and HOCKY = @HOCKY and NGAYDONG = GETDATE()))
    begin

```

```

        RAISERROR ('Sinh Viên Đã Đóng tiền hôm nay rồi', 16,1)
        RETURN 1
    end
    else
    begin
        INSERT INTO [dbo].[CT_DONGHOCPhi](MASV,NIENKHOA,HOCKY,NGAYDONG,SOTIENDONG)
        VALUES(@MASV,@NIENKHOA,@HOCKY,GETDATE(),@SOTIENDONG)
        return 0
    end
END

```

```

ALTER PROC [dbo].[sp_InDSSV]
@MALOP char(20)
AS
BEGIN
    SELECT ROW_NUMBER() over(order by sv.HO) STT,sv.HO, sv.TEN, sv.PHAI, sv.NGAYSINH,
    sv.NOISINH, sv.DIACHI
    FROM dbo.SINHVIEN as sv
    WHERE sv.MALOP = @MALOP and sv.NGHIHOC = 0
END

```

```

ALTER PROC [dbo].[sp_KIEMTRALOPCOSV]
@MALOP char(8)
AS
BEGIN
    IF EXISTS( SELECT * FROM SINHVIEN WHERE SINHVIEN.MALOP = @MALOP)
    BEGIN
        RETURN 1;
    END
    RETURN 0;
END

```

```

ALTER PROC [dbo].[sp_KIEMTRAMALOPTONTAI]
@MALOP char(8),
@TENLOP nvarchar(50)
AS
BEGIN
    IF EXISTS ( SELECT * FROM DBO.LOP WHERE DBO.LOP.MALOP = @MALOP OR LOP.TENLOP = @TENLOP
    )
    BEGIN
        RETURN 1;
    END
    IF EXISTS ( SELECT * FROM LINK1.QLDSV.DBO.LOP WHERE LOP.MALOP = @MALOP OR LOP.TENLOP =
@TENLOP)
    BEGIN
        RETURN 1;
    END
    RETURN 0;
END

```

```

ALTER PROC [dbo].[sp_KIEMTRAMAMHTONTAI]

```

```

@MAMH char(15)
AS
BEGIN
    IF EXISTS ( SELECT * FROM MONHOC WHERE MONHOC.MAMH = @MAMH )
    BEGIN
        RETURN 1;
    END
RETURN 0;

END

```

```

ALTER PROC [dbo].[sp_KiemTraMaSinhVienTonTai]
@MASV CHAR(12)
AS
BEGIN
    --Kiểm tra trong table sinh viên của server hiện tại
    IF EXISTS( SELECT 1 FROM DBO.SINHVIEN WHERE DBO.SINHVIEN.MASV = @MASV )
    BEGIN
        RETURN 1; -- mã sinh viên tồn tại ở server hiện tại
    END
    --Kiểm tra trong table sinh viên của phân mảnh còn lại
    IF EXISTS( SELECT 1 FROM LINK1.QLDSV.DBO.SINHVIEN SV WHERE SV.MASV = @MASV )
    BEGIN
        RETURN 1; -- mã sinh viên tồn tại ở server hiện tại
    END
END

```

```

ALTER PROC [dbo].[sp_KIEMTRAMHCODIEM]
@MAMH char(6)
AS
BEGIN
    IF EXISTS ( SELECT * FROM DIEM WHERE MAMH = @MAMH ) or EXISTS ( SELECT * FROM
LINK1.QLDSV.dbo.DIEM WHERE MAMH = @MAMH )
    BEGIN
        RETURN 1;
    END
    RETURN 0;
END

```

```

ALTER proc [dbo].[SP_KiemTraSinhVienDaOTrongLop]
@MASV char(12),@MALOPMOI char(8),@ho nVARCHAR(40),
@ten nVARCHAR(10), @phai bit, @ngaySinh datetime,
@noiSinh nVARCHAR(40),@diaChi nVARCHAR(80)
as
begin

    if(exists(select * from SINHVIEN
where MASV = @MASV and HO = @ho and TEN = @ten and PHAI = @phai
and NGAYSINH = @ngaySinh and DIACHI = @diaChi and NGHIHOc = 1 and MALOP =
@MALOPMOI))
        return 3
    return 0

```

end

```
ALTER PROC [dbo].[sp_KIEMTRASVCODIEM]
@MASV char(12)
AS
BEGIN
    IF EXISTS ( SELECT * FROM DIEM WHERE DIEM.MASV = @MASV )
    BEGIN
        RETURN 1;
    END
    RETURN 0;
END
```

```
ALTER proc [dbo].[sp_KIEMTRASVCOHP]
@MASV char(12)
as begin
    if(exists(select * from LINK2.QLDSV.DBO.HOCPhi where MASV = @MASV))
    begin
        return 1;
    end
    else
    begin
        return 0;
    end
end
```

```
ALTER PROC [dbo].[sp_KTLOPHTHILANMOT]
@MALOP char(8),
@MAMH char(6),
@LAN smallint
AS
BEGIN
    IF EXISTS( SELECT * FROM [QLDSV].[dbo].[SINHVIEN] SV
    INNER JOIN [QLDSV].[dbo].[DIEM] D
    ON SV.MASV = D.MASV
    WHERE MAMH = @MAMH AND MALOP = @MALOP AND LAN = @LAN)
    BEGIN
        RETURN 2;
    END
    RETURN 1;
END
```

```
ALTER proc [dbo].[sp_LOGIN]
@LOGINNAME varchar(50)
AS
BEGIN
    DECLARE @TENUSER NVARCHAR(50)
    SELECT @TENUSER=NAME FROM sys.sysusers WHERE sid = SUSER_SID(@LOGINNAME)

    DECLARE @HOTEN NVARCHAR(50)
```

```

if exists (SELECT HO+ ' ' + TEN FROM GIANGVIEN WHERE MAGV = @TENUSER)
SELECT @HOTEN=HO+ ' ' + TEN FROM GIANGVIEN WHERE MAGV = @TENUSER

SELECT USERNAME = @TENUSER,
HOTEN = @HOTEN,
TENNHOM= NAME
FROM sys.sysusers
WHERE UID = (SELECT GROUPUID
FROM SYS.SYSMEMBERS
WHERE MEMBERUID= (SELECT UID FROM sys.sysusers
WHERE NAME=@TENUSER))

END

```

```

ALTER PROC [dbo].[sp_NhapDiemTheoMonHoc]
@Lan int ,
@MaMH CHAR(6),
@MaLop char(6)

```

```

AS
BEGIN
if @LAN=1
    select Sinhvien.MASV,Sinhvien.HO+ ' '+Sinhvien.TEN as "Họ Và Tên",Diem.diem
from lop,Sinhvien left join Diem on Sinhvien.MASV=diem.MASV and diem.LAN=@LAN and
diem.MAMH=@MAMH
where lop.MALOP=@MALOP and lop.MALOP=Sinhvien.MALOP and SINHVIEN.NGHIHOC=0

else
select lan1.MASV,lan1.[Họ Và Tên],Diem.diem
from (select Sinhvien.MASV,HO+ ' '+TEN as "Họ Và Tên"
from lop,Sinhvien
where lop.MALOP=Sinhvien.MALOP and Sinhvien.MALOP=@MALOP and SINHVIEN.NGHIHOC=0
and not exists (select * from diem where Sinhvien.MASV=Diem.MASV and MAMH=@MAMH
and lan=1 and Diem>4 )) lan1
left join Diem on lan1.MASV=diem.MASV
and diem.LAN=@LAN and diem.MAMH=@MAMH
END

```

```

ALTER PROC [dbo].[sp_PHIEUDIEM]
@MASV char(12)
AS
BEGIN
SELECT ROW_NUMBER() over(order by MH.TENMH) STT, MH.TENMH , MAX(DIEM) AS 'DIEM'
FROM [QLDSV].[dbo].[DIEM] as D
INNER JOIN [QLDSV].[dbo].[MONHOC] AS MH
ON D.MAMH = MH.MAMH
WHERE D.MASV = @MASV
GROUP BY MH. TENMH
END

```

```

ALTER proc [dbo].[SP_ROLLBACKNHAPDIEM]
@MASV char(12),
@MAMH char(6),
@LAN smallint
AS
BEGIN
    delete from DIEM where MASV = @MASV and MAMH = @MAMH and LAN = @LAN and DIEM = 0;
END

```

```

ALTER proc [dbo].[SP_RPDONGHOCPHINew]
@MALOP nvarchar(50),@NIENKHOA nvarchar(50), @HOCKI int
as
begin
SELECT ROW_NUMBER() OVER (ORDER BY HS.MASV) AS [STT],HS.MASV,HS.HO,HS.TEN,HS.HOCPhi,
ISNULL(CT.SOTIENDADONG,0) AS SOTIENDADONG
FROM(

    ( SELECT HC.MASV,SV.HO,SV.TEN,HC.NIENKHOA,HC.HOCKY,HC.HOCPhi
    FROM (SELECT * FROM [dbo].HOCPhi WHERE NIENKHOA =@NIENKHOA AND HOCKY
=@HOCKI )AS HC,(SELECT MASV, HO,TEN FROM [dbo].SINHVIEN WHERE MALOP =@MALOP) AS SV
    WHERE HC.MASV = SV.MASV ) AS HS
    left join (
        SELECT MASV,HOCKY,NIENKHOA,SUM(SOTIENDONG) AS SOTIENDADONG
        FROM [dbo].CT_DONGHOCPhi
        GROUP BY MASV,HOCKY,NIENKHOA
    ) AS CT
    ON CT.MASV = HS.MASV AND CT.NIENKHOA = HS.NIENKHOA AND CT.HOCKY = HS.HOCKY
    )
end

```

```

ALTER PROC [dbo].[sp_SUADIEMSV]
@MASV char(12),
@MAMH char(6),
@DIEM float,
@LAN smallint
AS
BEGIN
    UPDATE [QLDSV].[dbo].[DIEM]
    SET DIEM = @DIEM
    WHERE MASV = @MASV AND MAMH = @MAMH AND LAN = @LAN
END

```

```

ALTER proc [dbo].[SP_TaoMoiSinhVien]
@MASVMOI char(12),@MALOPMOI char(8),@ho nVARCHAR(40),
@ten nVARCHAR(10), @phai bit, @ngaySinh datetime,
@noiSinh nVARCHAR(40),@diaChi nVARCHAR(80),@ghiChu nText
as
begin
    insert into SINHVIEN
(MASV,HO,TEN,MALOP,PHAI,NGAYSINH,NOISINH,DIACHI,GHICHU,NGHIHOC)
values (@MASVMOI,@ho,@ten,@MALOPMOI,@phai,@ngaySinh,@noiSinh,@diaChi,@ghiChu,0)

```


end

```
ALTER PROC [dbo].[sp_TAOTAIKHOAN]
@LGNAME VARCHAR(50), @PASS VARCHAR(50),
@USERNAME VARCHAR(50), @ROLE VARCHAR(50)
AS
DECLARE @RET INT
EXEC @RET= SP_ADDLOGIN @LGNAME, @PASS, 'QLDSV'
IF (@RET =1) -- LOGIN NAME BI TRUNG
BEGIN
    RAISERROR ('Login name bị trùng', 16,1)
    RETURN
END
EXEC @RET= SP_GRANTDBACCESS @LGNAME, @USERNAME
IF (@RET =1) -- USER NAME BI TRUNG
BEGIN
    EXEC SP_DROPLOGIN @LGNAME
    RAISERROR ('Nhân viên đã có login name', 16,2)
    RETURN
END
EXEC sp_addrolemember @ROLE, @USERNAME
IF @ROLE <> 'USER'
BEGIN
    EXEC sp_addsrvrolemember @LGNAME, 'SecurityAdmin'
    EXEC sp_addsrvrolemember @LGNAME, 'SysAdmin'
    EXEC sp_addsrvrolemember @LGNAME, 'ProcessAdmin'
END
ELSE
BEGIN
    EXEC sp_addsrvrolemember @LGNAME, 'ProcessAdmin'
END
END
```

```
ALTER PROC [dbo].[sp_THEMDSSVNHAPDIEM]
@MASV char(12),
@MAMH char(6),
@LAN smallint
AS
BEGIN
    if(@LAN=2 and exists(select * from DIEM where MAMH = @MAMH and MASV = @MASV and
LAN = 1 and DIEM>=5))
    begin
        return
    end
    else
    begin
        INSERT INTO
        [QLDSV].[dbo].[DIEM](MASV, MAMH, LAN, DIEM)
        VALUES (@MASV, @MAMH, @LAN, ' ')
    end
END
```

```

ALTER PROC [dbo].[SP_THONGTINDONGHOCPhi]
@MASV NVARCHAR(50)
AS
BEGIN
    select distinct HS.NIENKHOA,HS.HOCKY,HS.HOCPhi, isnull(CT.SOTIENDADONG,0) as
SOTIENDADONG,SOTIENDONG=0 from
(select * from HOCPhi where MASV =@MASV) as HS left join
(SELECT MASV,NIENKHOA,HOCKY,SUM(SOTIENDONG) AS SOTIENDADONG
FROM CT_DONGHOCPhi
GROUP BY NIENKHOA,HOCKY,MASV)AS CT
on hs.MASV = ct.MASV AND HS.NIENKHOA = CT.NIENKHOA AND HS.HOCKY = CT.HOCKY

END

```

```

ALTER proc [dbo].[SP_XoaSinhVienDaChuyen]
@MASV char(12)
as
begin
    declare @hp int;
    declare @diem int;
    exec @hp = sp_KIEMTRASVCOHP @MASV
    exec @diem = sp_KIEMTRASVCODIEM @MASV
    if(@hp = 0 and @diem = 0)
    begin
        delete from SINHVIEN where MASV = @MASV
    end
    else
    begin
        update SINHVIEN set NGHIHOC = 'True' where MASV = @MASV
    end
end
end

```