CREATE TABLE SINHVIEN

(

MSSV char(8) PRIMARY KEY,

TENSV nvarchar2(30) NOT NULL,

SODT varchar(10),

LOP char(10) NOT NULL,

DIACHI nchar(50) NOT NULL

)

CREATE TABLE DETAI

(

MSDT char(6) PRIMARY KEY,

TENDT nvarchar2(30) NOT NULL

)

CREATE TABLE SV\_DETAI

(

MSSV char(8),

MSDT char(6),

PRIMARY KEY (MSSV, MSDT),

CONSTRAINT FK\_SVMSSV FOREIGN KEY (MSSV) REFERENCES SINHVIEN(MSSV),

CONSTRAINT FK\_DETAIMSDT FOREIGN KEY (MSDT) REFERENCES DETAI(MSDT)

)

CREATE TABLE HOCVI

(

MSHV int PRIMARY KEY,

TENHV nvarchar2(20) NOT NULL

)

CREATE TABLE CHUYENNGANH

(

MSCN int PRIMARY KEY,

TENCN nvarchar2(30) NOT NULL

)

CREATE TABLE HOCHAM

(

MSHH int PRIMARY KEY,

TENHH nvarchar2(20) NOT NULL

)

CREATE TABLE GIAOVIEN

(

MSGV number(8,3) PRIMARY KEY,

TENGV nvarchar2(30) NOT NULL,

DIACHI nvarchar2(50) NOT NULL,

SODT varchar(10) NOT NULL,

MSHH int,

NAMHH date Not null,

CONSTRAINT FK\_HOCHAMMSHH FOREIGN KEY (MSHH) REFERENCES HOCHAM(MSHH)

)

CREATE TABLE GV\_HV\_CN

(

MSGV int,

MSHV int,

MSCN int,

NAM date Not null,

PRIMARY KEY (MSGV, MSHV, MSCN),

CONSTRAINT FK\_GVMSGV FOREIGN KEY (MSGV) REFERENCES GIAOVIEN(MSGV),

CONSTRAINT FK\_HVMSHV FOREIGN KEY (MSHV) REFERENCES HOCVI(MSHV),

CONSTRAINT FK\_MSCN\_CN FOREIGN KEY (MSCN) REFERENCES CHUYENNGANH(MSCN)

)

CREATE TABLE GV\_HDDT

(

MSGV int,

MSDT char(6),

DIEM float NOT NULL,

PRIMARY KEY (MSGV, MSDT),

CONSTRAINT FK\_GV\_MSGV FOREIGN KEY (MSGV) REFERENCES GIAOVIEN(MSGV),

CONSTRAINT FK\_MSDT\_DETAI FOREIGN KEY (MSDT) REFERENCES DETAI(MSDT)

)

CREATE TABLE GV\_PBDT

(

MSGV int,

MSDT char(6),

DIEM float NOT NULL,

PRIMARY KEY (MSGV, MSDT),

CONSTRAINT FK\_GVPBDT\_MSGV FOREIGN KEY (MSGV) REFERENCES GIAOVIEN(MSGV),

CONSTRAINT FK\_MSDT\_DETAI\_GVPBDT FOREIGN KEY (MSDT) REFERENCES DETAI(MSDT)

)

CREATE TABLE GV\_UVDT

(

MSGV int,

MSDT char(6),

DIEM float NOT NULL,

PRIMARY KEY (MSGV, MSDT),

CONSTRAINT FK\_GVUVDT\_MSGV FOREIGN KEY (MSGV) REFERENCES GIAOVIEN(MSGV),

CONSTRAINT FK\_MSDT\_DETAI\_GVUVDT FOREIGN KEY (MSDT) REFERENCES DETAI(MSDT)

)

CREATE TABLE HOIDONG

(

MSHD int PRIMARY KEY,

PHONG int,

TGBD DATE,

NGAYHD DATE NOT NULL,

TINHTRANG nvarchar2(30) NOT NULL,

MSGV int,

CONSTRAINT FK\_HOIDONGGV\_GIAOVIEN FOREIGN KEY (MSGV) REFERENCES GIAOVIEN(MSGV)

)

CREATE TABLE HOIDONG\_GV

(

MSHD int,

MSGV int,

PRIMARY KEY(MSHD, MSGV),

CONSTRAINT FK\_HOIDONGGV\_HOIDONG FOREIGN KEY (MSHD) REFERENCES HOIDONG(MSHD),

CONSTRAINT FK\_MSGV\_GIAOVIEN\_HOIDONGGV FOREIGN KEY (MSGV) REFERENCES GIAOVIEN(MSGV)

)

CREATE TABLE HOIDONG\_DT

(

MSHD int,

MSDT char(6),

QUYETDINH nchar(10),

PRIMARY KEY(MSHD, MSDT),

CONSTRAINT FK\_HOIDONGDT\_HOIDONG FOREIGN KEY (MSHD) REFERENCES HOIDONG(MSHD),

CONSTRAINT FK\_MSGV\_DETAI\_HOIDONGDT FOREIGN KEY (MSDT) REFERENCES DETAI(MSDT)

)

SET DATEFORMAT DMY

---B.BẢNG SINHVIEN \

INSERT ALL

INTO SINHVIEN(MSSV, TENSV, SODT, LOP, DIACHI) VALUES('13520001','Nguyễn Văn An','0906762255','SE103.U32','THỦ ĐỨC')

INTO SINHVIEN(MSSV, TENSV, SODT, LOP, DIACHI) VALUES('13520002','Phan Tấn Đạt','0975672350','IE204.T21','QUẬN 1')

INTO SINHVIEN(MSSV, TENSV, SODT, LOP, DIACHI) VALUES('13520003','Nguyễn Anh Hải','0947578688','IE205.R12','QUẬN 9')

INTO SINHVIEN(MSSV, TENSV, SODT, LOP, DIACHI) VALUES('13520004','Phạm Tài','0956757869','IE202.A22','QUẬN 1')

INTO SINHVIEN(MSSV, TENSV, SODT, LOP, DIACHI) VALUES('13520005','Lê Thúy Hằng','0976668688','SE304.E22','THỦ ĐỨC')

INTO SINHVIEN(MSSV, TENSV, SODT, LOP, DIACHI) VALUES('13520006','Ưng Hồng Ân','0957475898','IE208.F33','QUẬN 2')

SELECT \* FROM dual;

---B.BẢNG DETAI

INSERT ALL

INTO DETAI VALUES('97001','Quản lý thư viện')

INTO DETAI VALUES('97002','Nhận dạng vân tay')

INTO DETAI VALUES('97003','Bán đấu giá trên mạng')

INTO DETAI VALUES('97004','Quản lý siêu thị')

INTO DETAI VALUES('97005','Xử lý ảnh')

INTO DETAI VALUES('97006','Hệ giải toán thông minh')

SELECT \* FROM dual;

---C.BẢNG SV\_DETAI

INSERT ALL

INTO SV\_DETAI VALUES('13520001','97004')

INTO SV\_DETAI VALUES('13520002','97005')

INTO SV\_DETAI VALUES('13520003','97001')

INTO SV\_DETAI VALUES('13520004','97002')

INTO SV\_DETAI VALUES('13520005','97003')

INTO SV\_DETAI VALUES('13520006','97005')

SELECT \* FROM dual;

---D.BẢNG HOCVI

INSERT ALL

INTO HOCVI VALUES(1,'Kỹ sư')

INTO HOCVI VALUES(2,'Cử Nhân')

INTO HOCVI VALUES(3,'Thạc sĩ')

INTO HOCVI VALUES(4,'Tiến sĩ')

INTO HOCVI VALUES(5,'Tiến sĩ Khoa học')

SELECT \* FROM dual;

---E. BẢNG CHUYENNGANH

INSERT ALL

INTO CHUYENNGANH VALUES(1,'Công nghệ Web')

INTO CHUYENNGANH VALUES(2,'Mạng xã hội')

INTO CHUYENNGANH VALUES(3,'Quản lý CNTT')

INTO CHUYENNGANH VALUES(4,'GIS')

SELECT \* FROM dual;

--F. BẢNG HOCHAM

INSERT INTO HOCHAM VALUES(1,'PHÓ GIÁO SƯ')

INSERT INTO HOCHAM VALUES(2,'GIÁO SƯ')

---G. BẢNG GIAOVIEN

INSERT ALL

INTO GIAOVIEN VALUES(00201,'Trần Trung','Bến Tre','35353535',1,TO\_DATE('1996','RRRR'))

INTO GIAOVIEN VALUES(00202,'Nguyễn Văn An','Tiền Giang','67868688',1,TO\_DATE('1996','RRRR'))

INTO GIAOVIEN VALUES(00203,'Trần Thu Trang','Cần Thơ','74758687',1,TO\_DATE('1996','RRRR'))

INTO GIAOVIEN VALUES(00204,'Nguyễn Thị Loan','TP. HCM','56575868',2,TO\_DATE('2005','RRRR'))

INTO GIAOVIEN VALUES(00205,'Chu Tiến','Hà Nội','46466646',2,TO\_DATE('2005','RRRR'))

SELECT \* FROM dual;

---H. BẢNG GV\_HV\_CN

INSERT ALL

INTO GV\_HV\_CN VALUES(00201,1,1,TO\_DATE('2013','RRRR'))

INTO GV\_HV\_CN VALUES(00201,1,2,TO\_DATE('2013','RRRR'))

INTO GV\_HV\_CN VALUES(00201,2,1,TO\_DATE('2014','RRRR'))

INTO GV\_HV\_CN VALUES(00202,3,2,TO\_DATE('2013','RRRR'))

INTO GV\_HV\_CN VALUES(00203,2,4,TO\_DATE('2014','RRRR'))

INTO GV\_HV\_CN VALUES(00204,3,2,TO\_DATE('2014','RRRR'))

SELECT \* FROM dual;

---I. BẢNG GV\_HDDT

INSERT ALL

INTO GV\_HDDT VALUES(00201,'97001',8)

INTO GV\_HDDT VALUES(00202,'97002',7)

INTO GV\_HDDT VALUES(00205,'97001',9)

INTO GV\_HDDT VALUES(00204,'97004',7)

INTO GV\_HDDT VALUES(00203,'97005',9)

SELECT \* FROM dual;

---J. BẢNG GV\_PBDT

INSERT ALL

INTO GV\_PBDT VALUES(00201,'97005',8)

INTO GV\_PBDT VALUES(00202,'97001',7)

INTO GV\_PBDT VALUES(00205,'97004',9)

INTO GV\_PBDT VALUES(00204,'97003',7)

INTO GV\_PBDT VALUES(00203,'97002',9)

SELECT \* FROM dual;

---K. BẢNG GV\_UVDT

INSERT ALL

INTO GV\_UVDT VALUES(00205,'97005',8)

INTO GV\_UVDT VALUES(00202,'97005',7)

INTO GV\_UVDT VALUES(00204,'97005',9)

INTO GV\_UVDT VALUES(00203,'97001',7)

INTO GV\_UVDT VALUES(00204,'97001',9)

INTO GV\_UVDT VALUES(00205,'97001',8)

INTO GV\_UVDT VALUES(00203,'97003',7)

INTO GV\_UVDT VALUES(00201,'97003',9)

INTO GV\_UVDT VALUES(00202,'97003',7)

INTO GV\_UVDT VALUES(00201,'97004',9)

INTO GV\_UVDT VALUES(00202,'97004',8)

INTO GV\_UVDT VALUES(00203,'97004',7)

INTO GV\_UVDT VALUES(00201,'97002',9)

INTO GV\_UVDT VALUES(00204,'97002',7)

INTO GV\_UVDT VALUES(00205,'97002',9)

INTO GV\_UVDT VALUES(00201,'97006',9)

INTO GV\_UVDT VALUES(00202,'97006',7)

INTO GV\_UVDT VALUES(00204,'97006',9)

SELECT \* FROM dual;

--CHƯA NHẬP ĐƯỢC TỪ PHẦN NÀY TRỞ XUỐNG

---L. BẢNG HOIDONG

INSERT INTO HOIDONG VALUES(1, 002,TO\_DATE('7:00','HH:MI:SS'),TO\_DATE('29/11/2014','DD/MM/YYYY'),'Thật',00201)

INSERT INTO HOIDONG VALUES(2, 102,TO\_DATE('7:00', 'HH:MI:SS'),TO\_DATE('5/12/2014','DD/MM/YYYY'),'Thật',00202)

INSERT INTO HOIDONG VALUES(3, 003,TO\_DATE('8:00', 'HH:MI:SS'),TO\_DATE('6/12/2014','DD/MM/YYYY'),'Thật',00203)

---M. BẢNG HOIDONG\_GV

INSERT ALL

INTO HOIDONG\_GV VALUES(1,00201)

INTO HOIDONG\_GV VALUES(1,00202)

INTO HOIDONG\_GV VALUES(1,00203)

INTO HOIDONG\_GV VALUES(1,00204)

INTO HOIDONG\_GV VALUES(2,00203)

INTO HOIDONG\_GV VALUES(2,00202)

INTO HOIDONG\_GV VALUES(2,00205)

INTO HOIDONG\_GV VALUES(2,00204)

INTO HOIDONG\_GV VALUES(3,00201)

INTO HOIDONG\_GV VALUES(3,00202)

INTO HOIDONG\_GV VALUES(3,00203)

INTO HOIDONG\_GV VALUES(3,00204)

SELECT \* FROM dual;

---N. BẢNG HOIDONG\_DT

INSERT ALL

INTO HOIDONG\_DT VALUES(1,97001,'Được')

INTO HOIDONG\_DT VALUES(1,97002,'Được')

INTO HOIDONG\_DT VALUES(1,97005,'Được')

INTO HOIDONG\_DT VALUES(2,97001,'Không')

INTO HOIDONG\_DT VALUES(2,97004,'Không')

INTO HOIDONG\_DT VALUES(3,97001,'Không')

INTO HOIDONG\_DT VALUES(3,97002,'Được')

SELECT \* FROM dual;