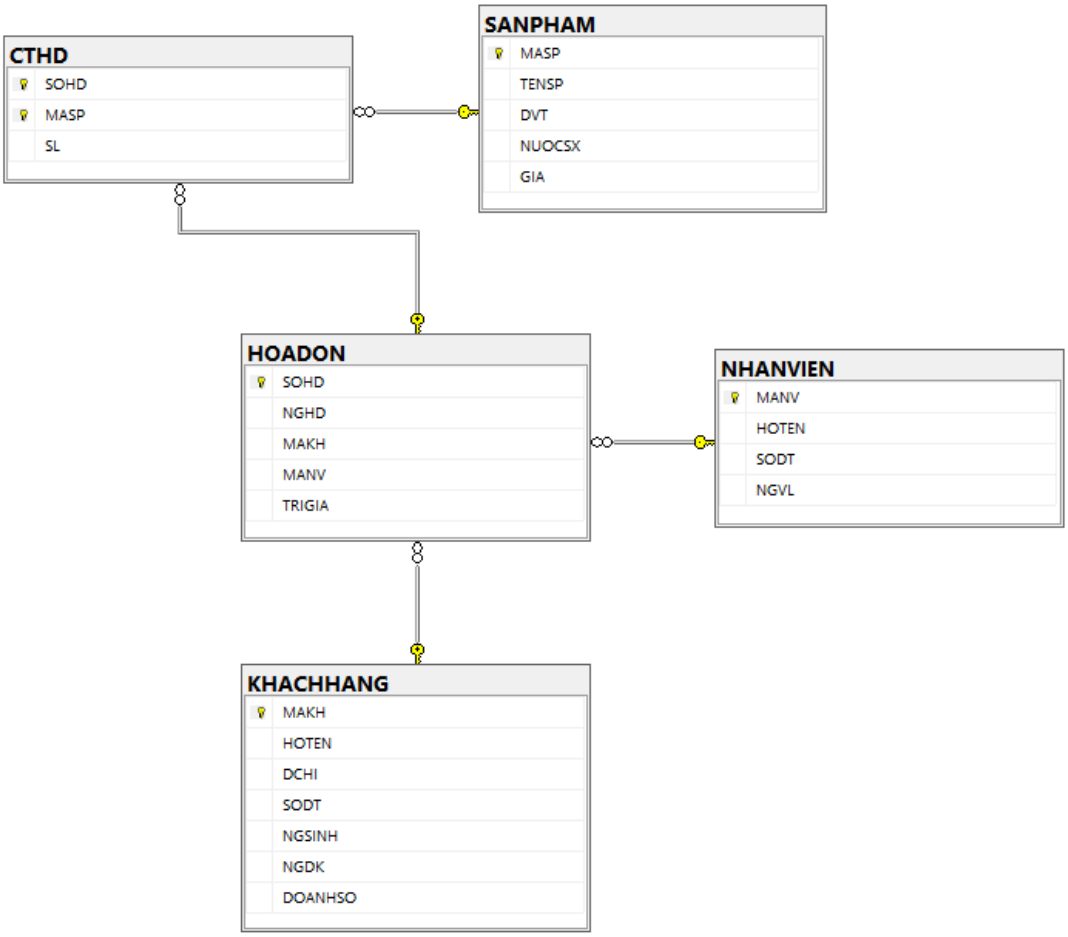
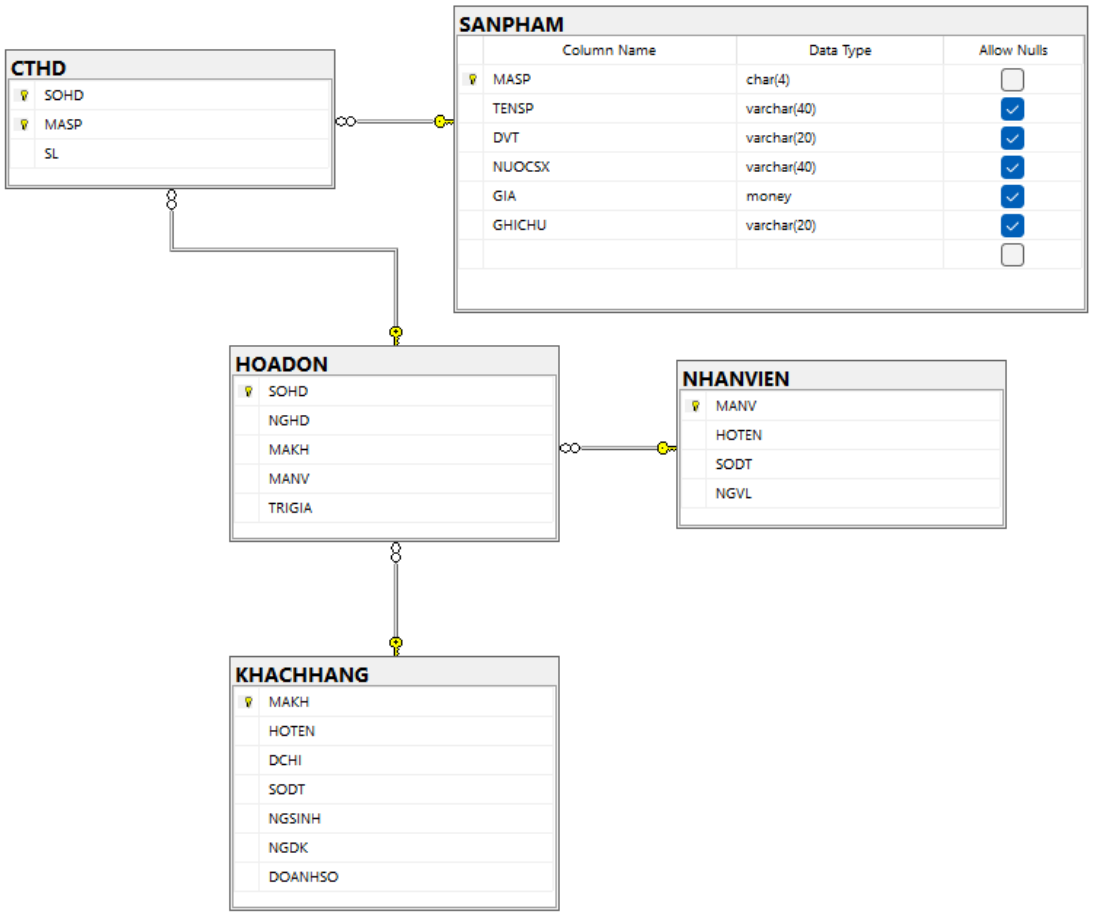
NAME: Nguyễn Hoàng Nhựt Minh
ID: 23520939
Link git: https://github.com/hnim3103/CSDL_UIT_LAB1.git

QLBH

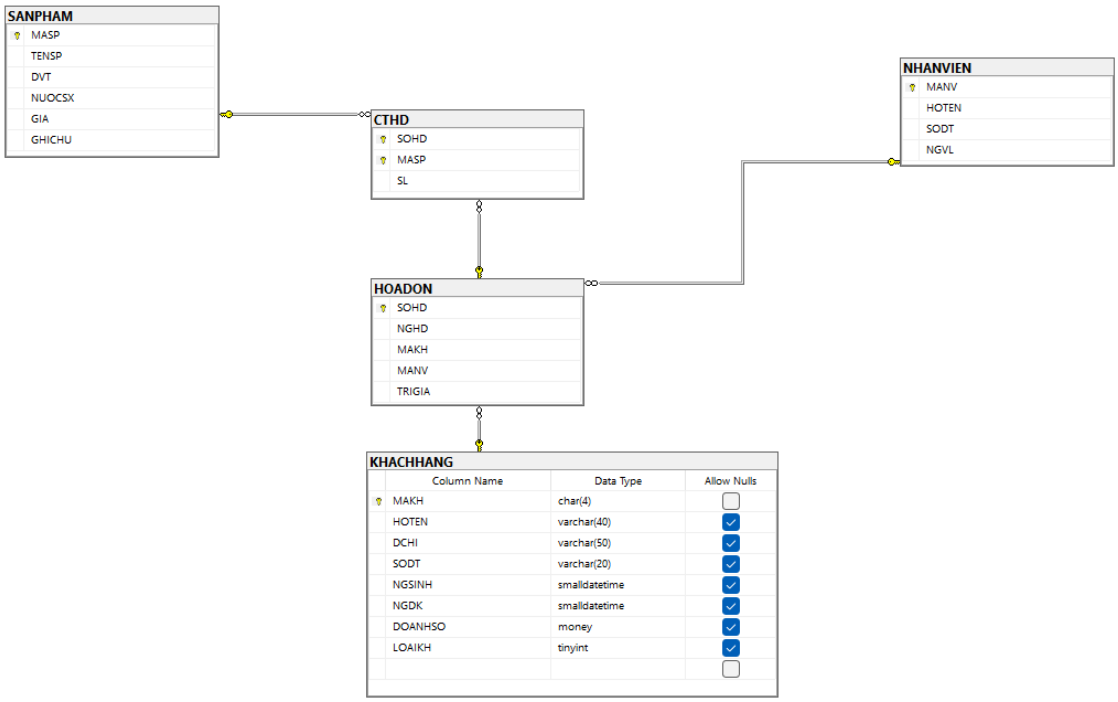
I.1



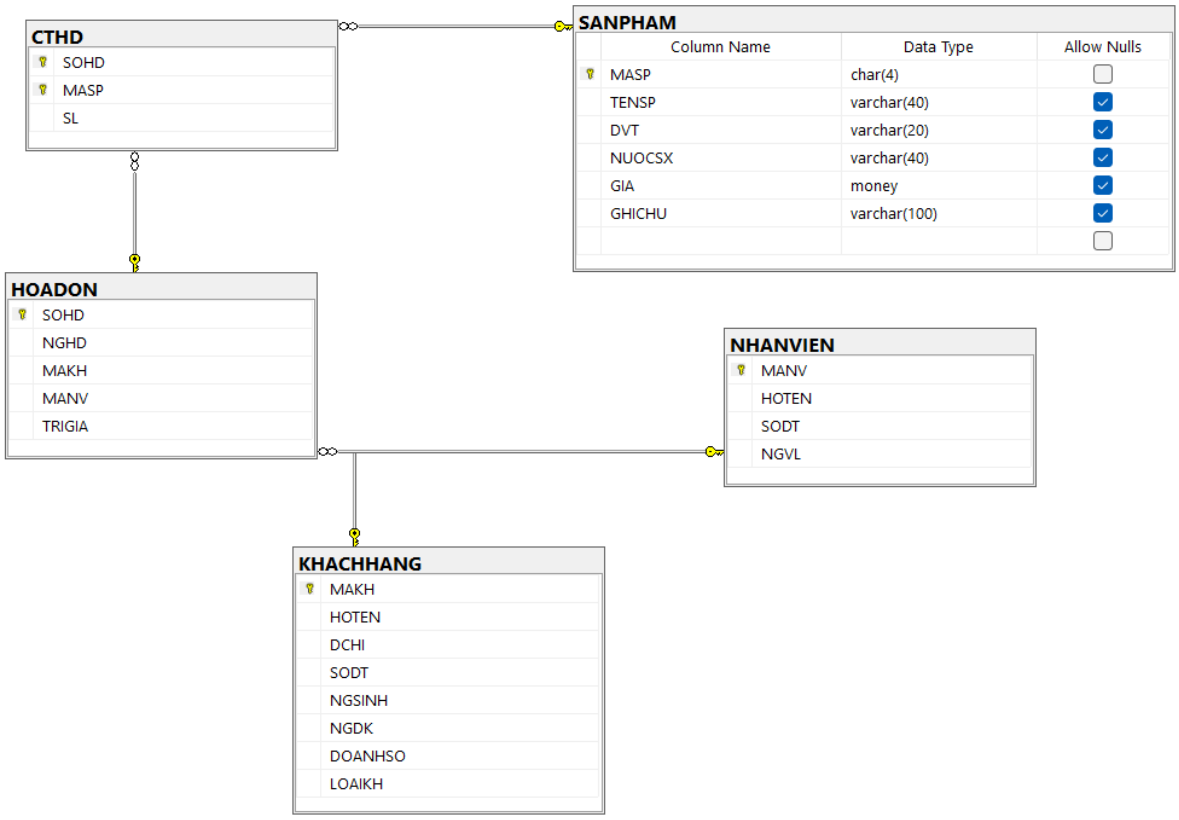
I.2


CTHD
SOHD
MASP
SL
SANPHAM
Column Name
Data Type
Allow Nulls
MASP
char(4)
TENSP
varchar(40)
DVT
varchar(20)
NUOCSX
varchar(40)
GIA
money
GHICHU
varchar(20)
HOADON
SOHD
NGHD
MAKH
MANV
TRIGIA
NHANVIEN
MANV
HOTEN
SODT
NGVL
KHACHHANG
MAKH
HOTEN
DCHI
SODT
NGSINH
NGDK
DOANHSO

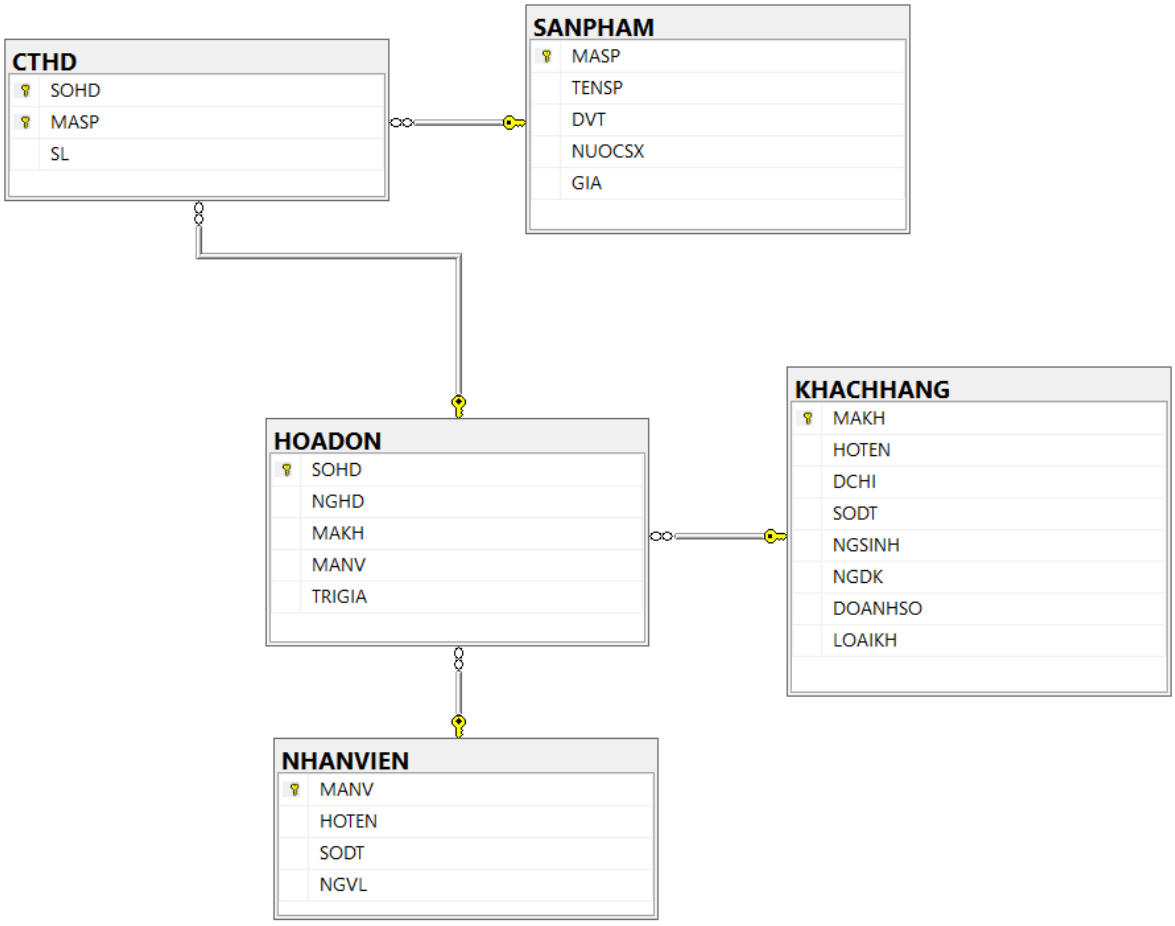
I.3


SANPHAM
MASP
TENSP
DVT
NUOCSX
GIA
GHICHU
CTHD
SOHD
MASP
SL
NHANVIEN
MANV
HOTEN
SODT
NGVL
HOADON
SOHD
NGHD
MAKH
MANV
TRIGIA
KHACHHANG
Column Name
Data Type
Allow Nulls
MAKH
char(4)
HOTEN
varchar(40)
DCHI
varchar(50)
SODT
varchar(20)
NGSINH
smalldatetime
NGDK
smalldatetime
DOANHSO
money
LOAIKH
tinyint

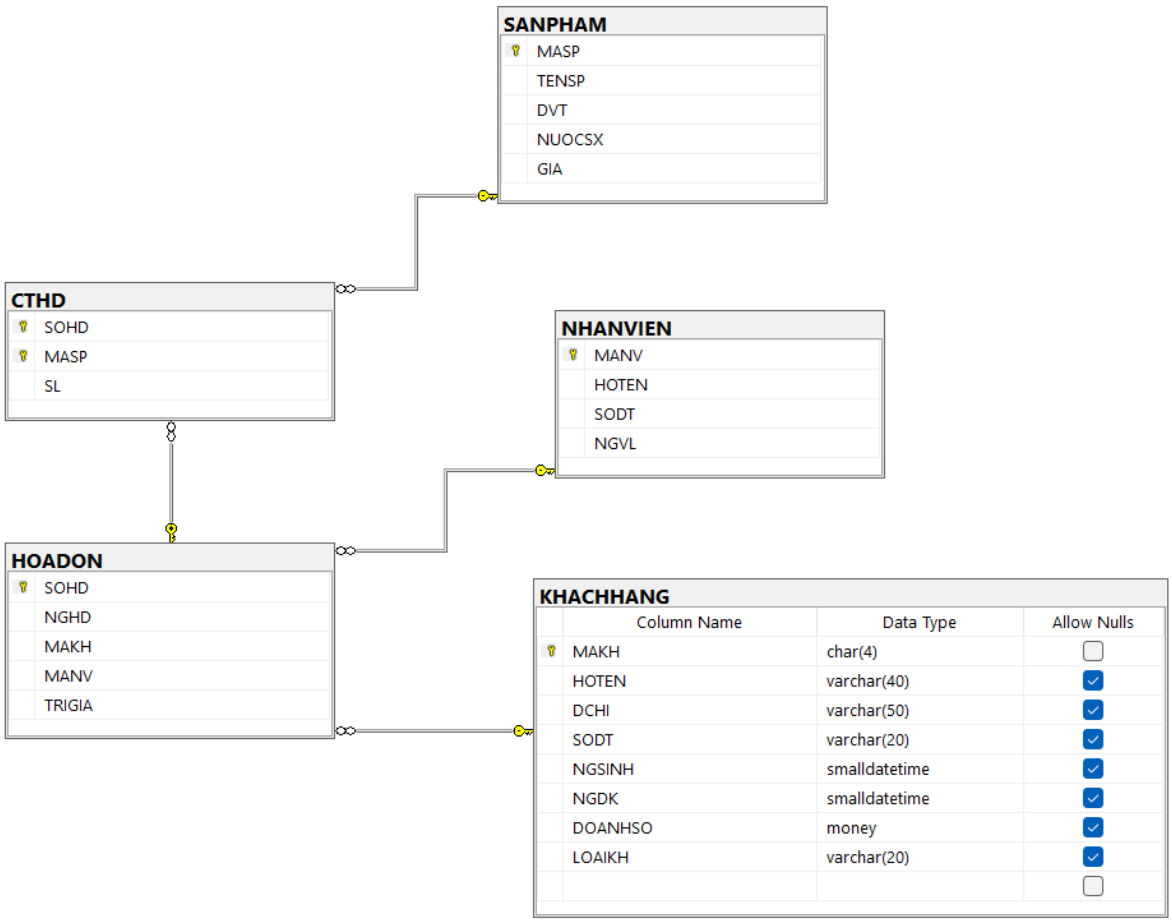
I.4


CTHD
SOHD
MASP
SL
SANPHAM
Column Name
Data Type
Allow Nulls
MASP
char(4)
TENSP
varchar(40)
DVT
varchar(20)
NUOCSX
varchar(40)
GIA
money
GHICHU
varchar(100)
HOADON
SOHD
NGHD
MAKH
MANV
TRIGIA
NHANVIEN
MANV
HOTEN
SODT
NGVL
KHACHHANG
MAKH
HOTEN
DCHI
SODT
NGSINH
NGDK
DOANHSO
LOAIKH

I.5


CTHD
SOHD
MASP
SL
SANPHAM
MASP
TENSP
DVT
NUOCSX
GIA
HOADON
SOHD
NGHD
MAKH
MANV
TRIGIA
KHACHHANG
MAKH
HOTEN
DCHI
SODT
NGSINH
NGDK
DOANHSO
LOAIKH
NHANVIEN
MANV
HOTEN
SODT
NGVL

I.6



I.7

```
ALTER TABLE SANPHAM ADD
CHECK (DVT = 'cay' OR DVT = 'hop' or DVT = 'cai' or DVT = 'quyen' or DVT = 'chuc');
```

I.8

```
ALTER TABLE SANPHAM ADD
CHECK (GIA >= 500);
```

I.9

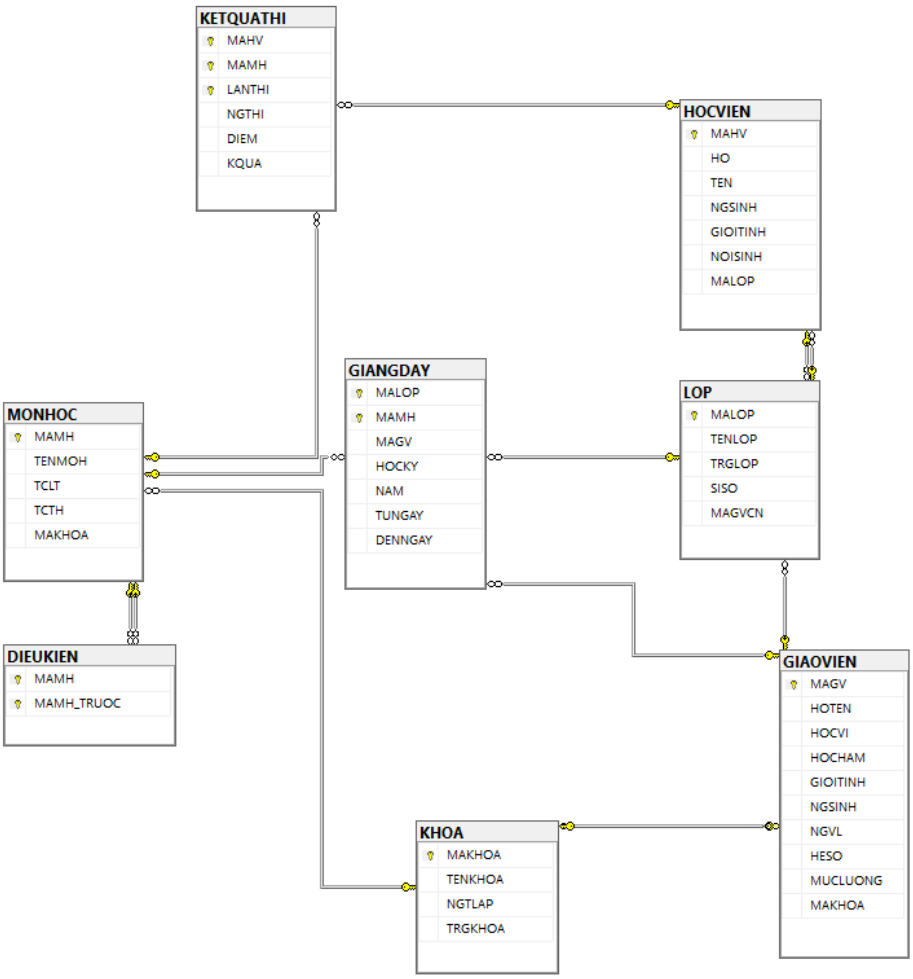
```
ALTER TABLE HOADON ADD
CHECK ((MASP != NULL) AND SL > 0);
```

I.10

```
ALTER TABLE KHACHHANG ADD
CHECK (NGDK > NGSINH);
```

QLGV:

I.1



I.3

```
ALTER TABLE GIAOVIEN ADD
CHECK (GIOITINH = 'Nam' OR GIOITINH = 'Nu');

ALTER TABLE HOCVIEN ADD
CHECK (GIOITINH = 'Nam' OR GIOITINH = 'Nu');
```

I.4

```
ALTER TABLE KETQUATHI ADD CONSTRAINT CHECK_DIEM CHECK
(
    DIEM BETWEEN 0 AND 10
    AND RIGHT(CAST(DIEM AS VARCHAR), 3) LIKE '.__'
)
```

I.5

```
ALTER TABLE KETQUATHI ADD
 CONSTRAINT CHECK_KQ CHECK ((KQUA = 'Dat' AND DIEM BETWEEN 5 AND 10)
                            OR (KQUA = 'Khong dat' AND DIEM < 5))
```

I.6

```
ALTER TABLE KETQUATHI ADD
 CHECK (LANTHI <= 3)
```

I.7

```
ALTER TABLE GIANGDAY ADD
CHECK (HOCKY BETWEEN 1 AND 3)
```

I.8

```
ALTER TABLE GIAOVIEN ADD
CHECK (HOCVI = 'CN' OR HOCVI = 'KS' OR HOCVI = 'ThS'
        OR HOCVI = 'TS' OR HOCVI = 'PTS')
```