Họ tên: Lê Nguyễn Hoàng Thông:

MSSV: 0306221377

Lớp: CD TH 22D

Bài 4: RÀNG BUỘC TOÀN VẸN

1. Tạo bảng

CREATE TABLE NHANVIEN

(

HONV NVARCHAR(15),

TENLOT NVARCHAR(15),

TENNV NVARCHAR(15),

MANV CHAR(9),

NGSINH DATE,

DCHI NVARCHAR(30),

PHAI NVARCHAR(3),

LUONG FLOAT,

MA\_NQL CHAR(9),

PHG INT

)

1. Khoá chính, khoá ngoài

--Khoá chính

ALTER TABLE DEAN

ALTER COLUMN MADA INT NOT NULL

ALTER TABLE DEAN

ADD CONSTRAINT PK\_DEAN

PRIMARY KEY (MADA)

ALTER TABLE PHONGBAN

ALTER COLUMN MAPHG INT NOT NULL

ALTER TABLE PHONGBAN

ADD CONSTRAINT PK\_PHONGBAN

PRIMARY KEY (MAPHG)

ALTER TABLE NHANVIEN

ALTER COLUMN MANV CHAR(9) NOT NULL

ALTER TABLE NHANVIEN

ADD CONSTRAINT PK\_NHANVIEN

PRIMARY KEY (MANV)

ALTER TABLE DIADIEM\_PHG

ALTER COLUMN MAPHG INT NOT NULL

ALTER TABLE DIADIEM\_PHG

ALTER COLUMN DIADIEM NVARCHAR(15) NOT NULL

ALTER TABLE DIADIEM\_PHG

ADD CONSTRAINT PK\_DIADIEM\_PHG

PRIMARY KEY (MAPHG,DIADIEM)

ALTER TABLE CONGVIEC

ALTER COLUMN MADA INT NOT NULL

ALTER TABLE CONGVIEC

ALTER COLUMN STT INT NOT NULL

ALTER TABLE CONGVIEC

ADD CONSTRAINT PK\_CONGVIEC

PRIMARY KEY (MADA,STT)

ALTER TABLE PHANCONG

ALTER COLUMN MA\_NVIEN CHAR(9) NOT NULL

ALTER TABLE PHANCONG

ALTER COLUMN MADA INT NOT NULL

ALTER TABLE PHANCONG

ALTER COLUMN STT INT NOT NULL

ALTER TABLE PHANCONG

ADD CONSTRAINT PK\_PHANCONG

PRIMARY KEY (MA\_NVIEN,MADA,STT)

ALTER TABLE THANNHAN

ALTER COLUMN MA\_NVIEN CHAR(9) NOT NULL

ALTER TABLE THANNHAN

ALTER COLUMN TENTN NVARCHAR(15) NOT NULL

ALTER TABLE THANNHAN

ADD CONSTRAINT PK\_THANNHAN

PRIMARY KEY (MA\_NVIEN,TENTN)

--KHOÁ NGOẠI

ALTER TABLE THANNHAN

ADD CONSTRAINT FK\_THANNHAN

FOREIGN KEY (MA\_NVIEN)

REFERENCES NHANVIEN(MANV)

ALTER TABLE DEAN

ADD CONSTRAINT FK\_DEAN\_PB

FOREIGN KEY (PHONG)

REFERENCES PHONGBAN(MAPHG)

ALTER TABLE PHONGBAN

ADD CONSTRAINT FK\_PHONGBAN\_NV

FOREIGN KEY(TRPHG)

REFERENCES NHANVIEN(MANV)

ALTER TABLE DIADIEM\_PHG

ADD CONSTRAINT FK\_DIADIEMPHG

FOREIGN KEY (MAPHG)

REFERENCES PHONGBAN(MAPHG)

ALTER TABLE CONGVIEC

ADD CONSTRAINT FK\_CONGVIEC\_DA

FOREIGN KEY (MADA)

REFERENCES DEAN(MADA)

ALTER TABLE PHANCONG

ADD CONSTRAINT FK\_PHANCONG\_CV

FOREIGN KEY(MADA,STT)

REFERENCES CONGVIEC(MADA,STT)

ALTER TABLE PHANCONG

ADD CONSTRAINT FK\_PHANCONG\_NV

FOREIGN KEY(MA\_NVIEN)

REFERENCES NHANVIEN(MANV)

ALTER TABLE NHANVIEN

ADD CONSTRAINT FK\_NHANVIEN

FOREIGN KEY(MA\_NQL)

REFERENCES NHANVIEN(MANV)

ALTER TABLE NHANVIEN

ADD CONSTRAINT FK\_NHANVIEN\_PHONG

FOREIGN KEY(PHG)

REFERENCES PHONGBAN(MAPHG)

1. Sơ đồ



1. Thiết lập, kiểm tra, sửa lỗi

i.

INSERT INTO NHANVIEN

VALUES (N'Nguyễn', N'Thanh', N'Trúc', '005', '1/1/2000', N'200 Cống Quỳnh Q1 TP HCM', N'nữ', 10000, null, null)

ii.