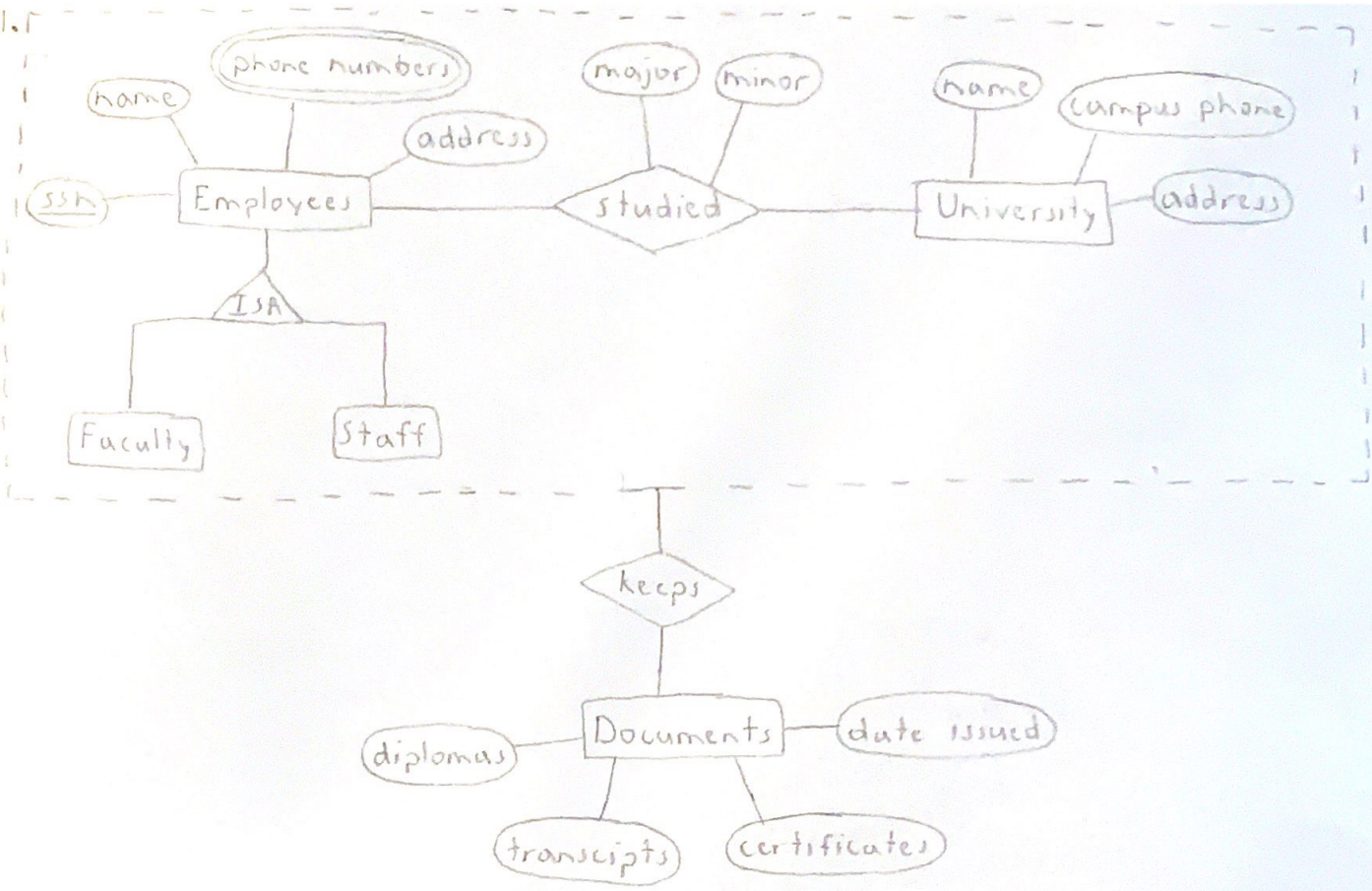
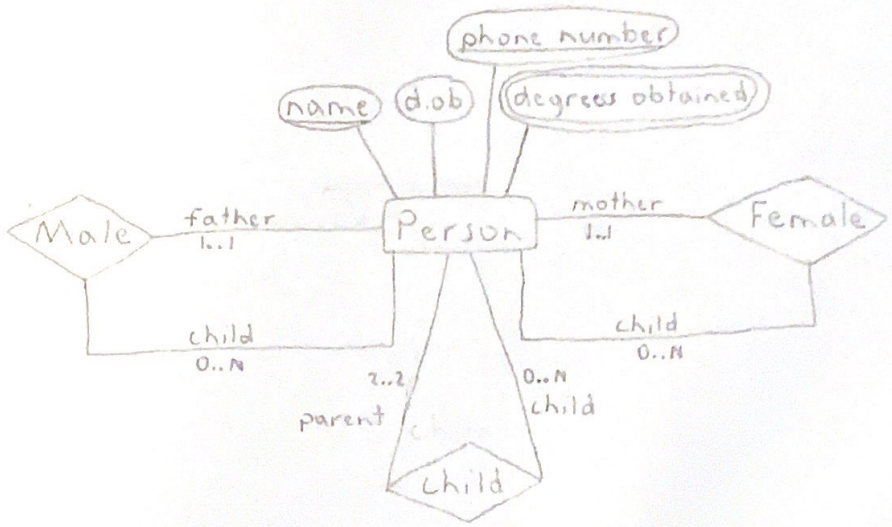

phone numbers
name
address
SSN
Employees
major
minor
studied
name
campus phone
University
address
ISA
Faculty
Staff
keeps
Documents
diplomas
date issued
transcipts
certificates

2.


phone number
name
d.ob
degrees obtained
Male
father
1..1
Person
mother
1..1
Female
child
0..N
child
0..N
2..2
parent
0..N
child
child

3.

Physician(SSN: int, name: varchar(20), address: varchar(30), phone: varchar(15)
primary key(SSN))

Responsible(ID: varchar(11), admin_date: date, SSN: int, primary key(ID),
foreign key(SSN) represents Physician, NOT NULL) *merge

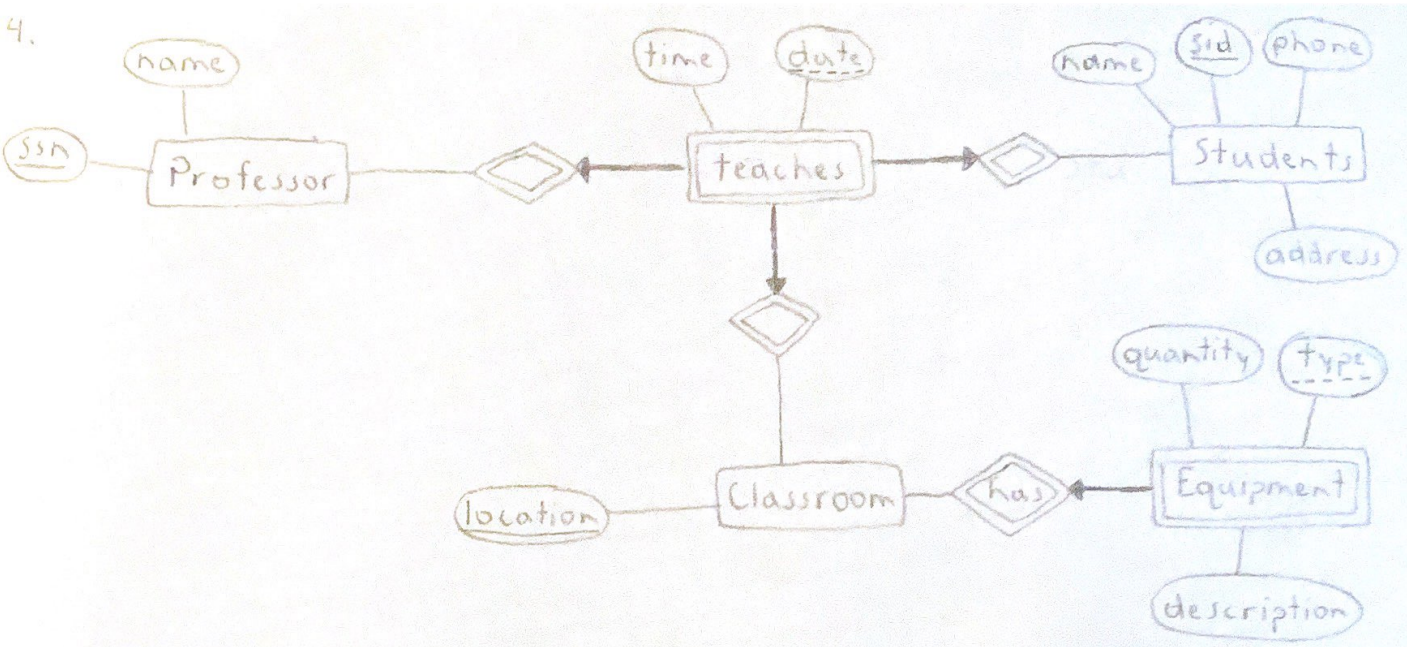
Patient(ID: varchar(11), admin_date: date, Checkback_date: date,
discharge_date: date) *merge

Room(Room_id: int, primary key(Room_id))

Bed(bed#: int, isICU bed, is Regular bed) *merge

Assigned(Room_id: int, bed#: int, primary key(Room_id, bed#),
foreign key(Room_id) represents Room,
foreign key(bed#) represents bed)

4.


name
ssn
Professor
time
date
teaches
name
sid
phone
Students
address
quantity
type
location
Classroom
has
Equipment
description

5.

a. It wouldn't do anything because child row of cid = 2 exists.

b. It would delete id = 15 in corporation, then delete cid = 1, 3, 5 in company, then delete did = 1, 4, 5, 6, 7, 8, 9, 12 in departments.

c. It would change cid = 2 to cid = 6. Then did = 2, 3, 10 change to null.