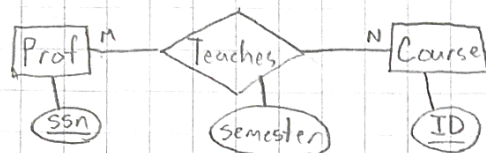


Josh Gribbon

CS 442 - HW 1

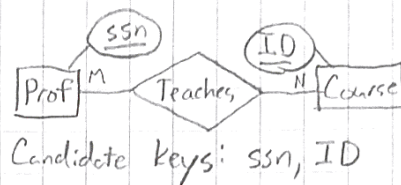
20171002

1/ a)

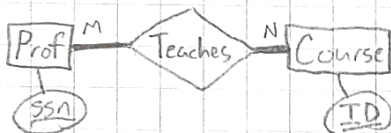


Candidate keys: ssn, semester, ID

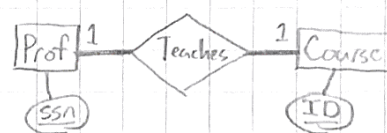
b)



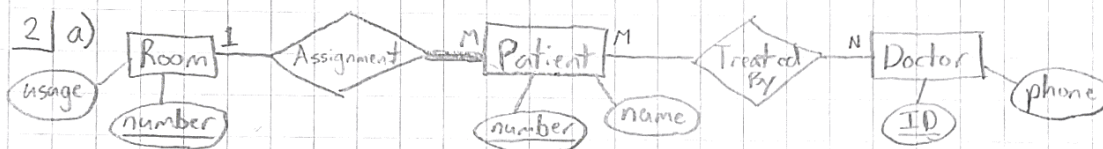
c)



d)



2/ a)



b) create table Assignment (

room\_num int,

patient\_num int,

primary key (room\_num, patient\_num),

foreign key (room\_num) references Room(number),

foreign key (patient\_num) references Patient(number)

);

create table TreatedBy (

patient\_num int,

doctor\_id int,

primary key (patient\_num, doctor\_id),

foreign key (patient\_num) references Patient(number),

foreign key (doctor\_id) references Doctor(ID)

);