

Christopher McArthur

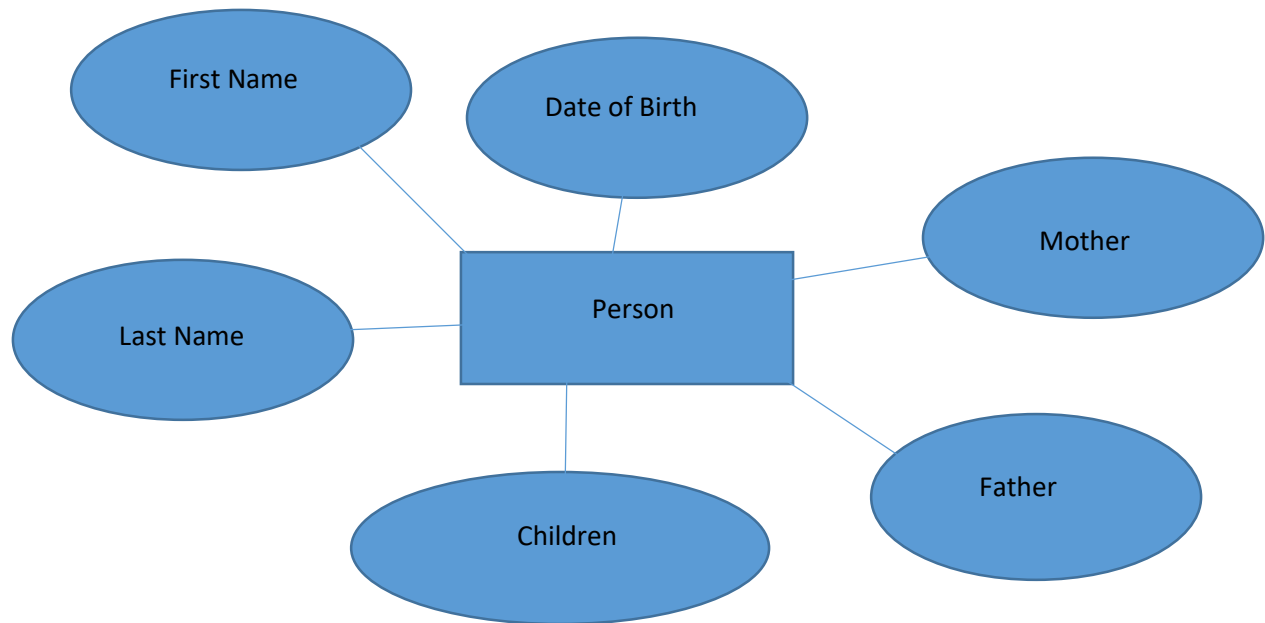
Comp353 Database

February 23<sup>rd</sup> 2017

## Assignment 2

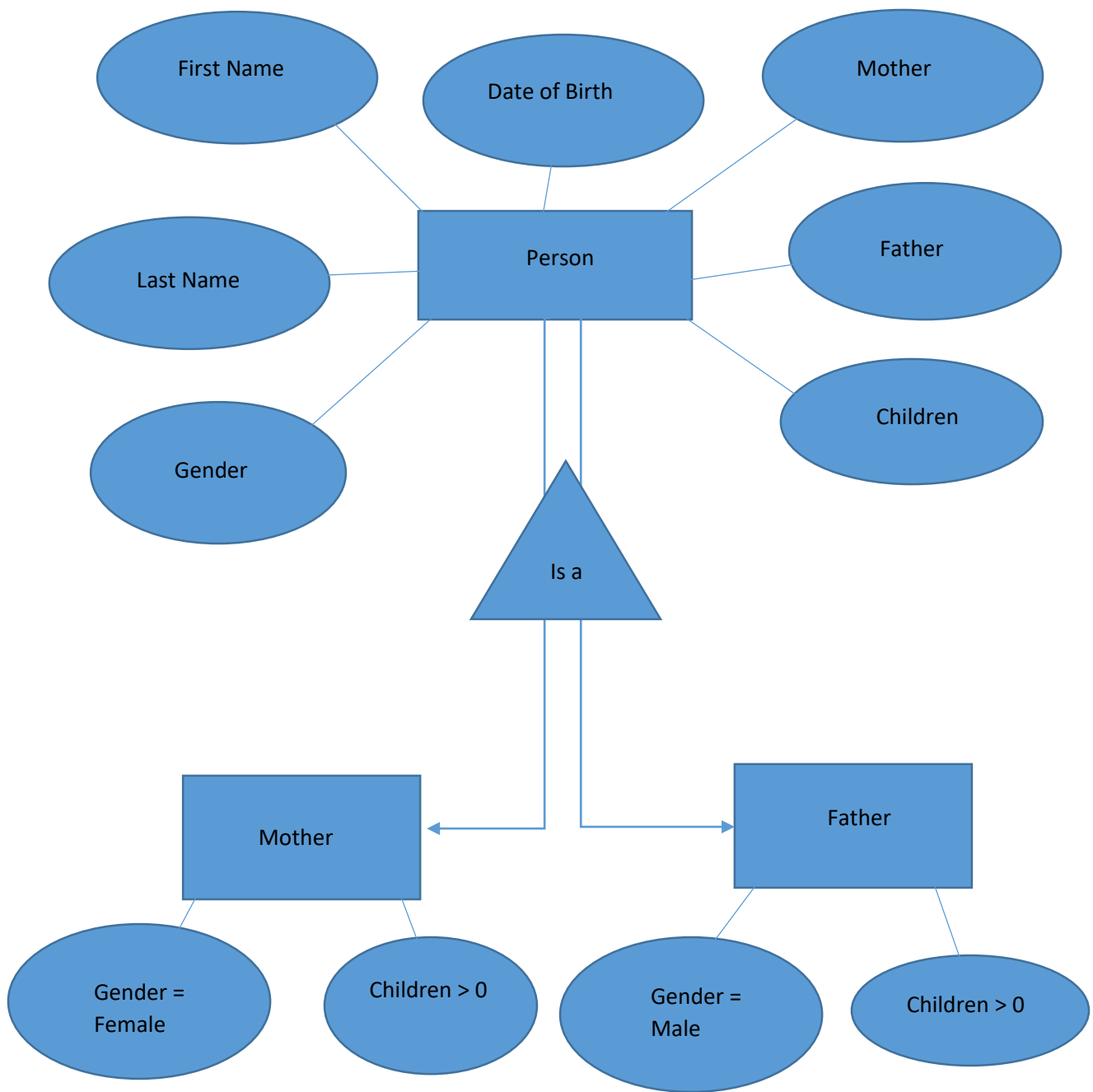
1)

People: First Name, Last Name, Date of Birth, Mother, Father, Children

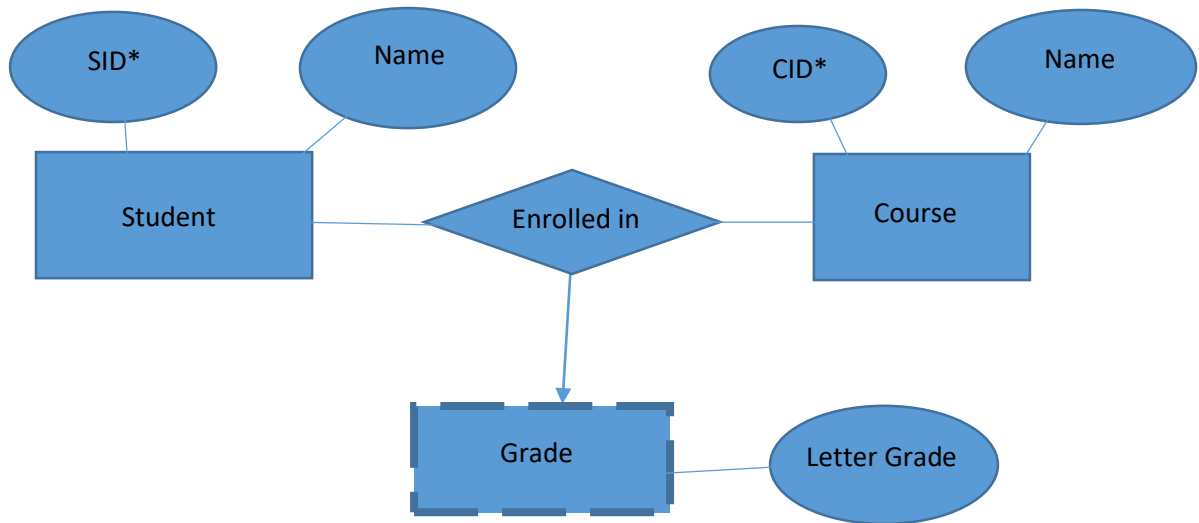


Person					
First Name	Last Name	Date of Birth	Mother	Father	Children

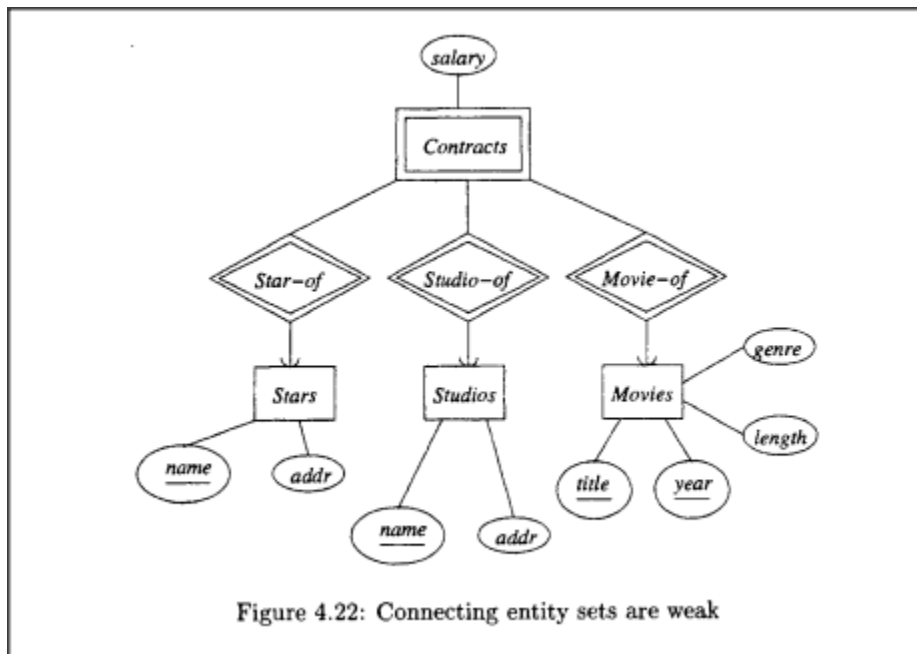
2)



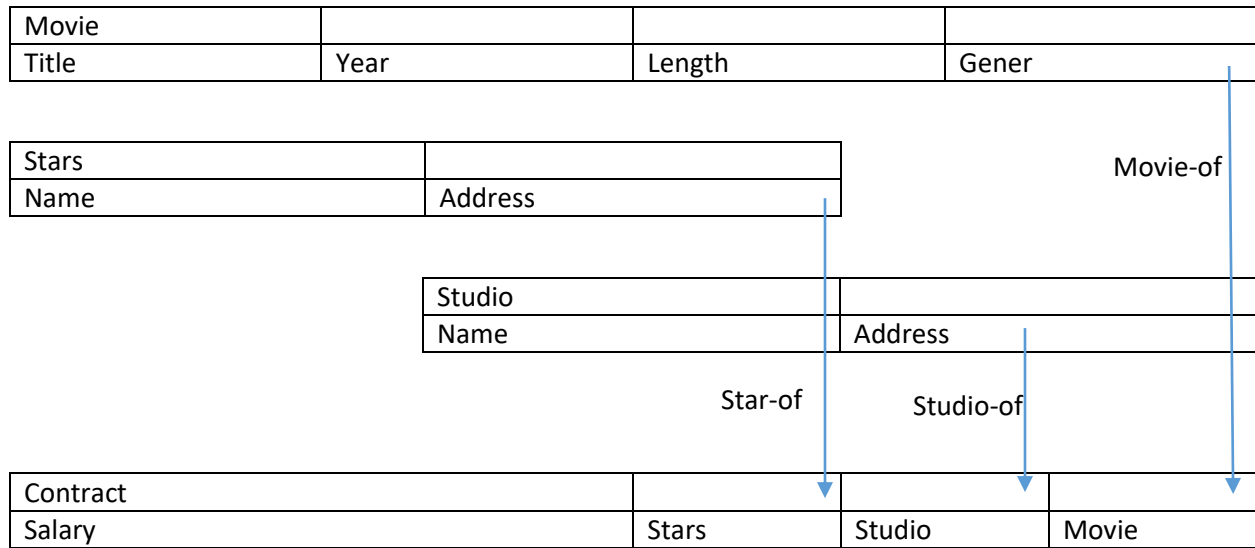
3)



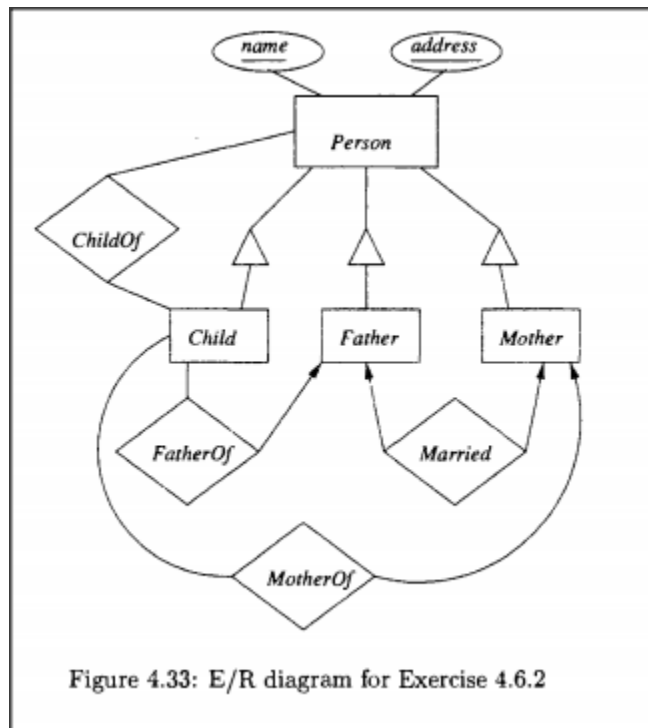
4)



a)



5)



a)

Person(name, address)

Child(name, address)

Father(name, address)

Mother(name, address)

ChildOf(name, address, name, address)

FatherOf(name, address, name, address)

MotherOf(name, address, name, address)

Married(name, address, name, address)

b)

Person(name, address)

Child(name, address)

Father(name, address)

Mother(name, address)

ChildOf(Child, Person)

FatherOf(Child, Father)

MotherOf(Child, Father)

Married(Father, Mother)

c)

Person(name, address)

ChildOf(name, address, name, address)

FatherOf(name, address, name, address)

MotherOf(name, address, name, address)

Married(name, address, name, address)

6)

i) min: k max: ek

ii)

E/R Method:

min: ek max: ek

OO Method:

min: k max: ek

NULL Method:

min: k max: ek