Christopher McArthur

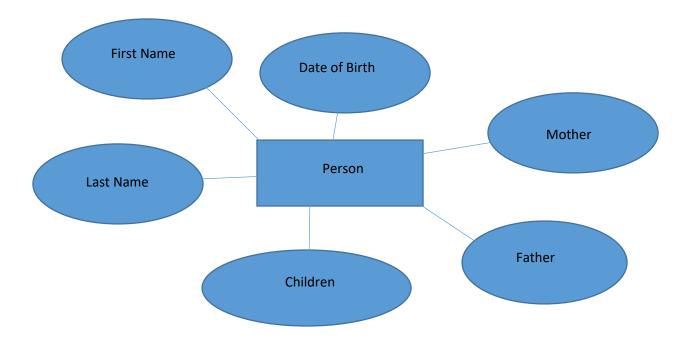
Comp353 Database

February 23rd 2017

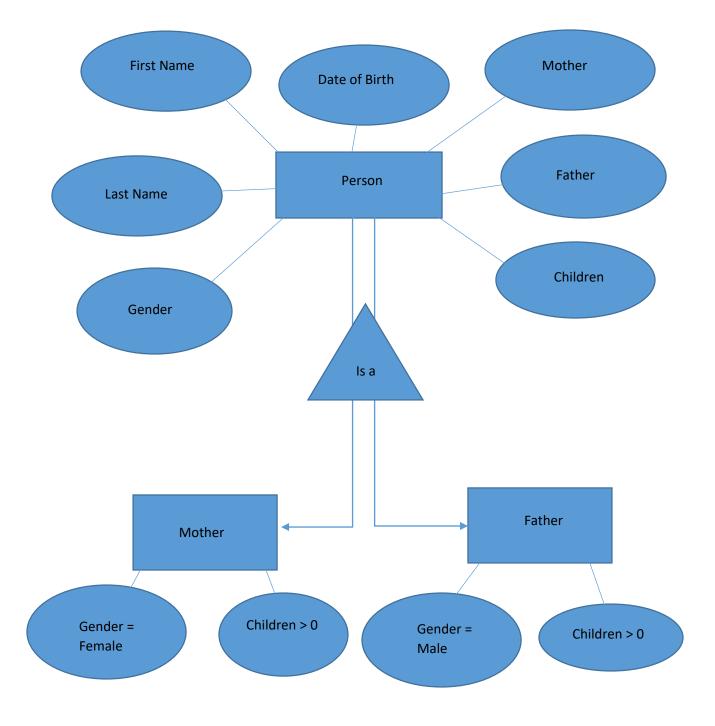
Assignment 2

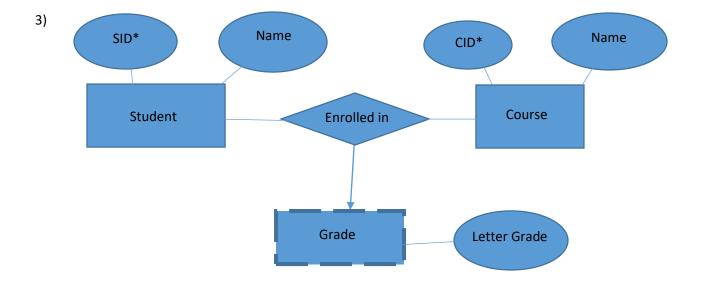
1)

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

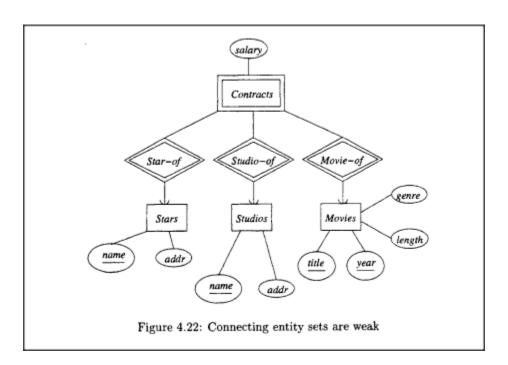


Person	,						
First Name		Last Name	Date of Birth	Mother	Father	Children	





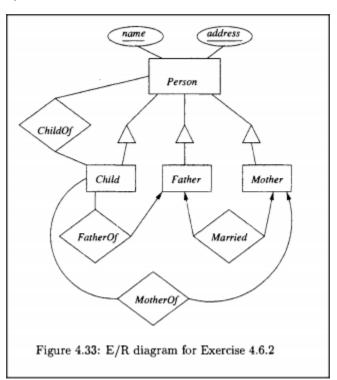
4)



a)

Movie						
Title	Year		Length		Gener	ı
				_		
Stars						Movie-of
Name		Address]			
				_		
		Studio				
		Name		Address	5	
			Star-of	Stı	udio-of	
Contract			*		*	*
Salary			Stars	Studio		Movie

5)



```
a)
```

Person(name, address)

Child(name, address)

Father(<u>name</u>, <u>address</u>)

Mother(<u>name</u>, <u>address</u>)

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(<u>name</u>, <u>address</u>)

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