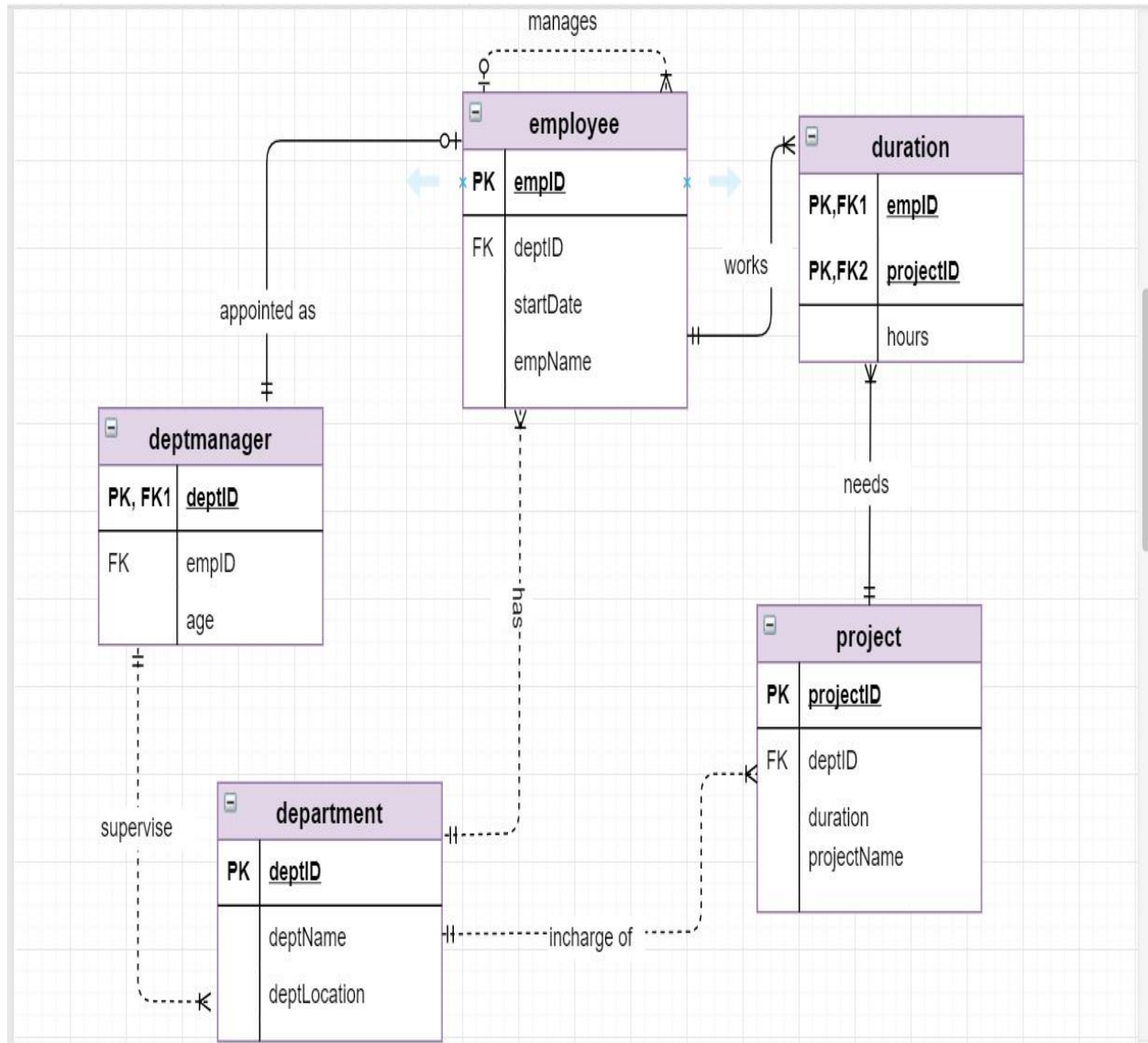DATABASE ASSIGNMENT HW1 - EER DIAGRAM
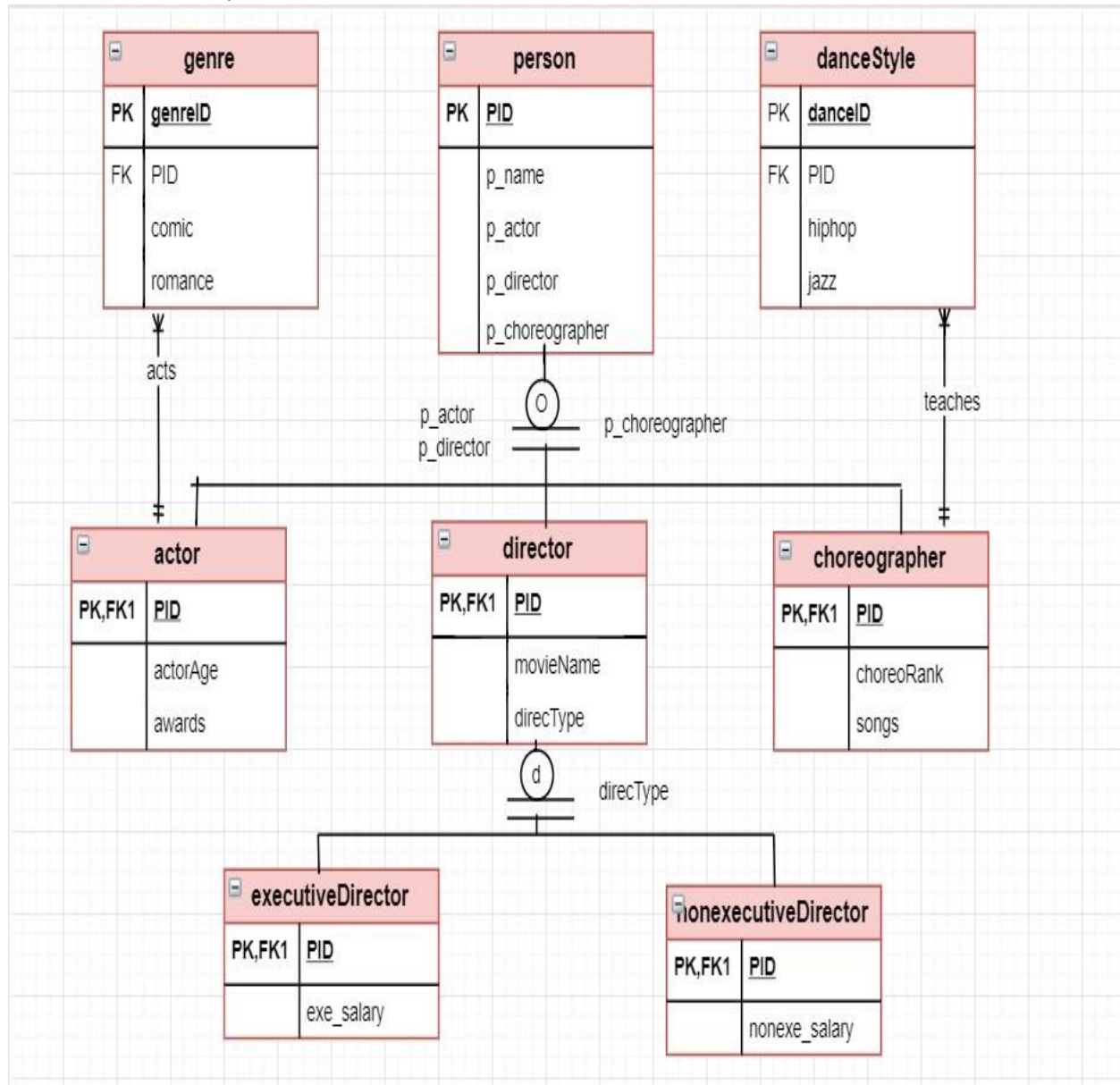
IKSHITA MISHRA

USCID : 3252412986
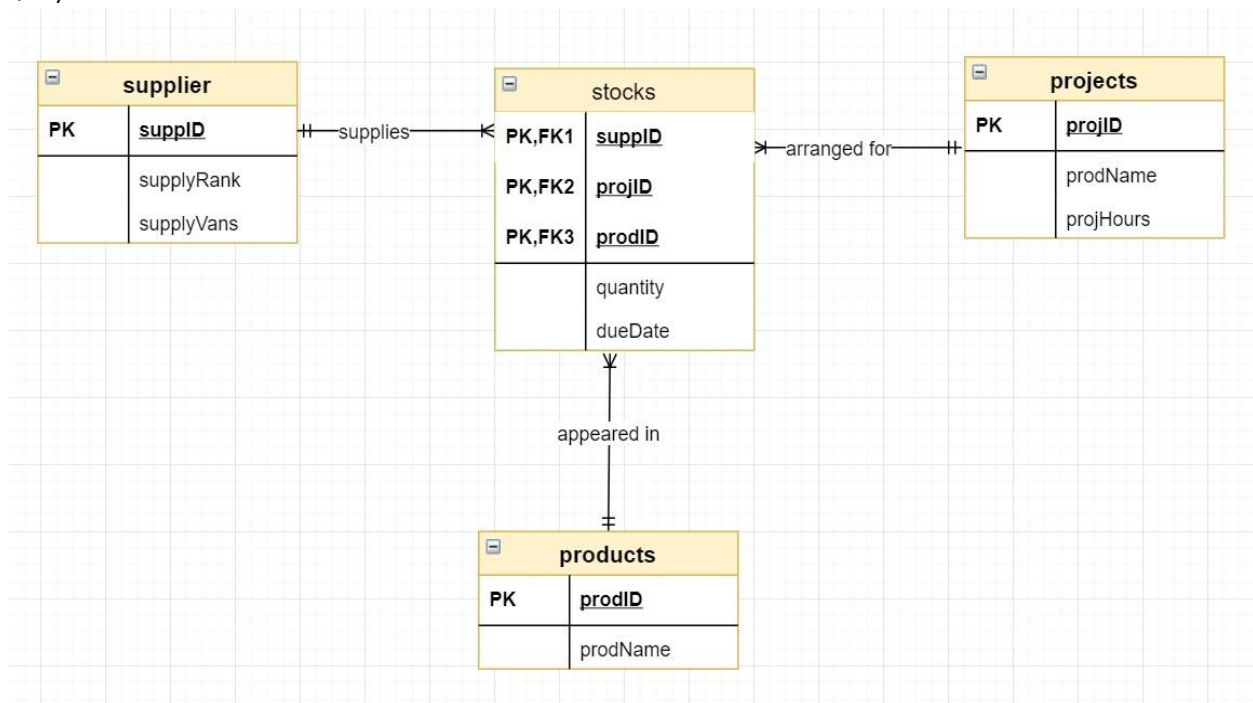
Q1)

Q 2) Movie Domain System

genre

PK	genreID
FK	PID
	comic
	romance

acts

person

PK	PID
	p_name
	p_actor
	p_director
	p_choreographer

p_actor
p_director

p_choreographer

danceStyle

PK	danceID
FK	PID
	hiphop
	jazz

teaches

actor

PK,FK1	PID
	actorAge
	awards

director

PK,FK1	PID
	movieName
	direcType

direcType

choreographer

PK,FK1	PID
	choreoRank
	songs

executiveDirector

PK,FK1	PID
	exe_salary

nonexecutiveDirector

PK,FK1	PID
	nonexe_salary

Q 3a)

supplier

PK	suppID
	supplyRank
	supplyVans

—supplies—

stocks

PK,FK1	suppID
PK,FK2	projID
PK,FK3	prodID
	quantity
	dueDate

—arranged for—

projects

PK	projID
	prodName
	projHours

appeared in

products

PK	prodID
	prodName

3b)

supplier

* PK	supID
	suppName

—writes—

sproj

PK,FK1	supID
PK,FK2	projID
	date

—supplies—

project

PK	projID
	projName
	projDuration

weights

requires

sprod

PK,FK1	supID
PK,FK2	prodID
	amount

—gives—

product

PK	prodID
	prod_wieght
	prod_price

—needs—

pprod

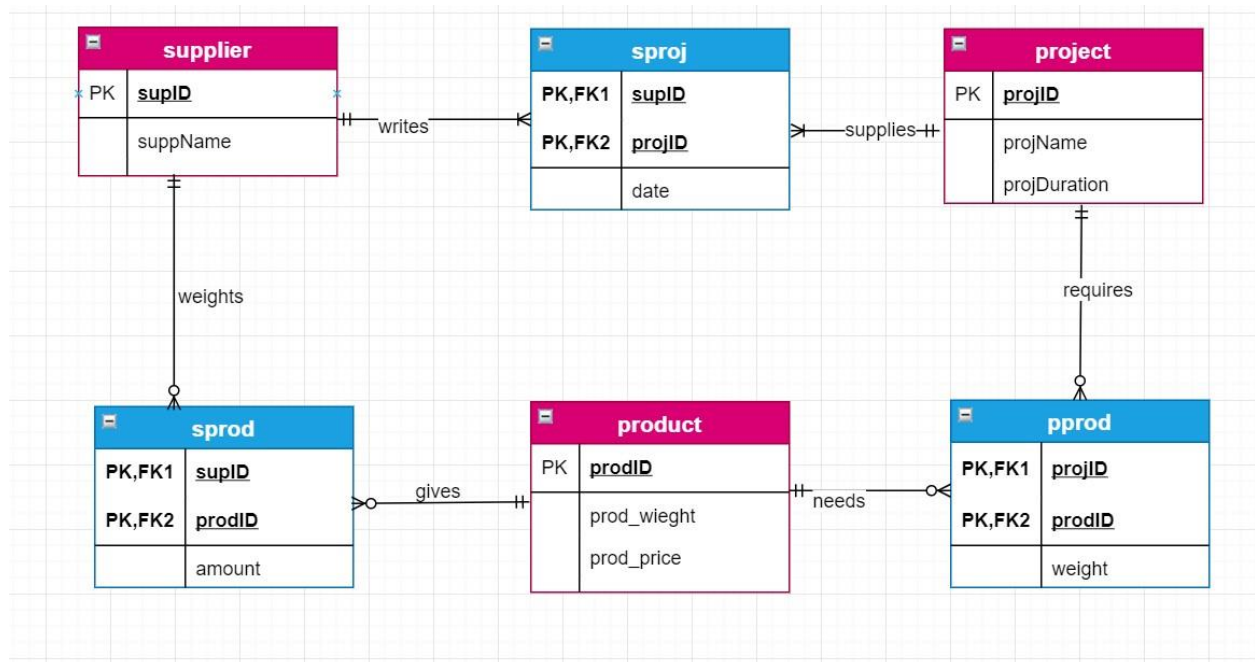| PK,FK1	projID
PK,FK2	prodID
	weight

3c)

If a supplier wants to know about the quantity of products in a project, that information lost in binary relationship, as it was in ternary relationship. Thus, no information is retrieved, hence quantity and due date are lost.

4)