

LAB 3 Due: Sunday 12:00 Noon

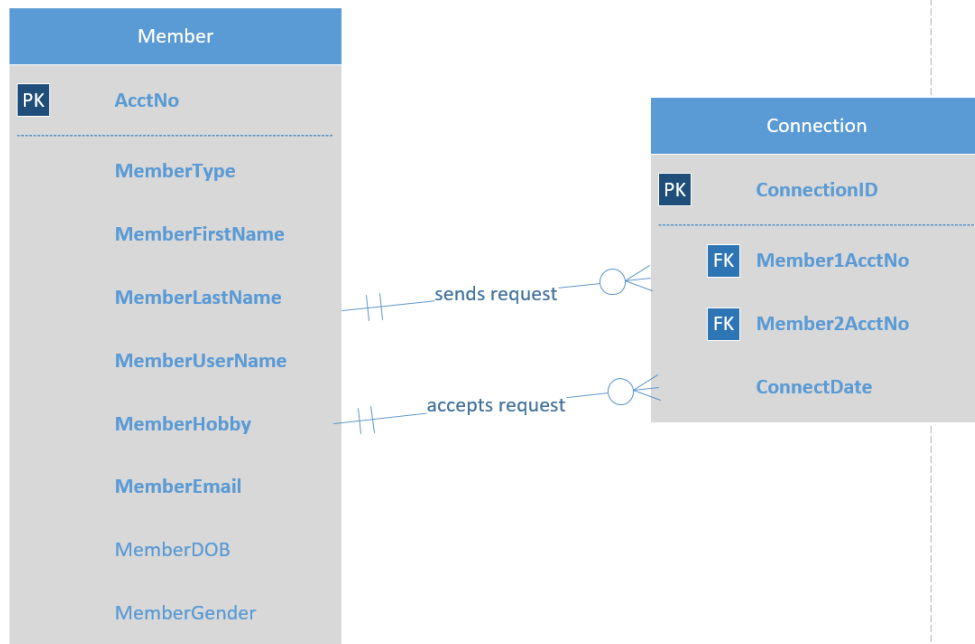
Name: Pan Chen

(1) Question1:

Business Rules:

A member is able to send request to connect with zero or multiple other members in the network.

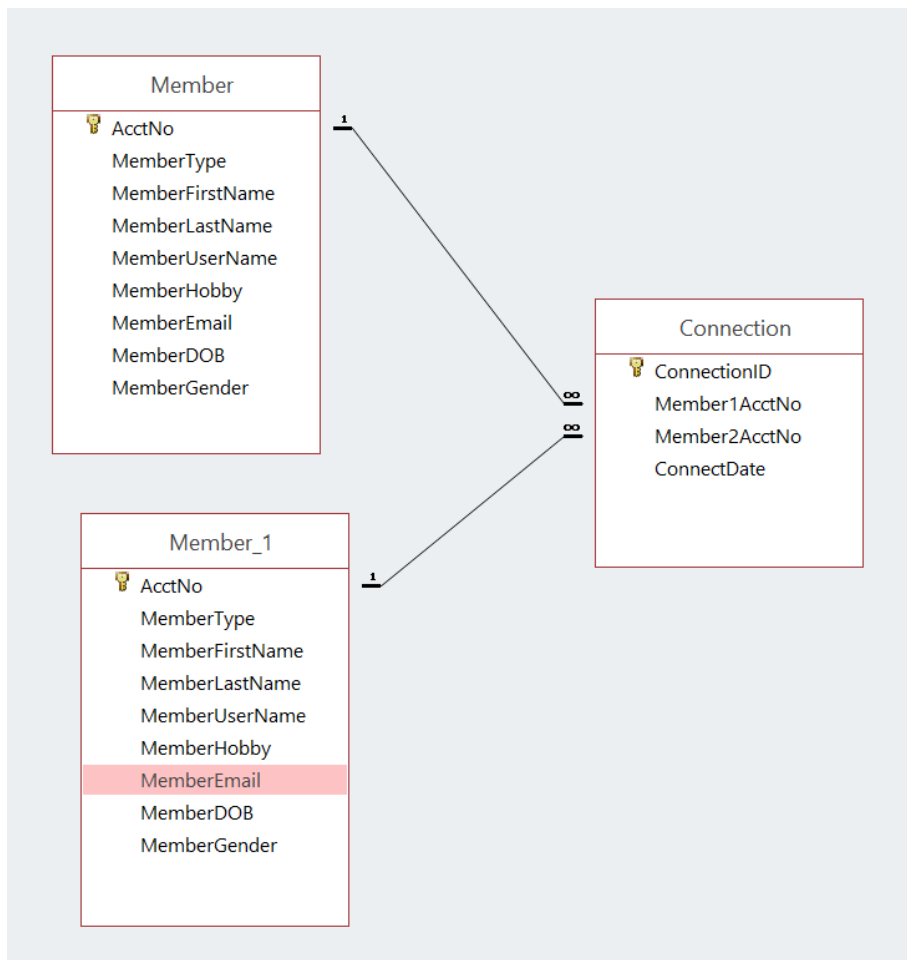
A member can accept zero or multiple requests to connect from other members.



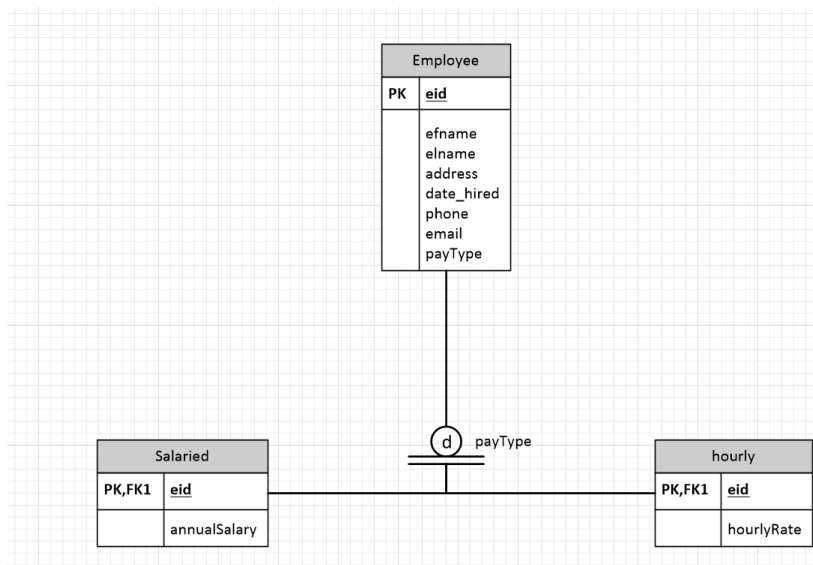
Member										Member_1	Connection
	AcctNo	MemberType	MemberFirst	MemberLast	MemberUse	MemberHobby	MemberEmail	MemberDOE	MemberGen	Click to Add	
	10001	Student	Pan	Chen	Pachen	Wasting life	pachen@syr.edu	9/21/1990 M			
*	0										

Member										Member_1	Connection
AcctNo	MemberType	MemberFirst	MemberLast	MemberUse	MemberHobby	MemberEmail	MemberDOE	MemberGen	Click to Add		
10002	Student	Lebron	James	LBJ	Traveling	Lebron@cavs.org	12/30/1984	M			
0											

Member					Member_1					Connection				
ConnectionID			Member1AcctNo			Member2AcctNo			ConnectDate			Click to Add		
1			10001			10002			8/22/1903					
* (New)			0			0								

**(2) Question2:****Business Rules:**

An employee is either paid hourly with hourly rate, or paid by fixed annual salary amount.



Employee

hourly

salaried

eid	efname	elname	address	date_hired	phone	email	payType	Click to Add
1	Pan	Chen	770 James	10/1/2016	3154846596	pachen@syr.edu	H	
2	Lebron	James	888 Ohio	8/9/2016	3124567890	lebron@cavs.org	S	
3	Paul	Pierce	321 Inglewood	8/9/2016	3103334422	pierce@celts.org	S	
4	Kevin	Garnett	123 Bean	7/3/2016	6124224664	kg@timbs.org	H	
5	Dwyane	Wade	564 Illinois	5/19/2016	3445999823	dwade@chi.org	S	
*	(New)							

Employee

hourly

salaried

eid	hourlyRate	Click to Add
1	\$12.00	
4	\$15.00	
0	\$0.00	

Employee

hourly

salaried

eid	annualSalary
2	\$10,001.00
3	\$20,000.00
5	\$30,000.00
0	\$0.00

Employee

hourly

salaried

Relationships

```

    erDiagram
        Employee ||--o{ hourly : "1"
        Employee ||--o{ salaried : "1"
        Employee {
            string efname
            string elname
            string address
            date date_hired
            string phone
            string email
            int eid PK
        }
        hourly {
            int eid PK
            float hourlyRate
        }
        salaried {
            int eid PK
            float annualSalary
        }
  
```