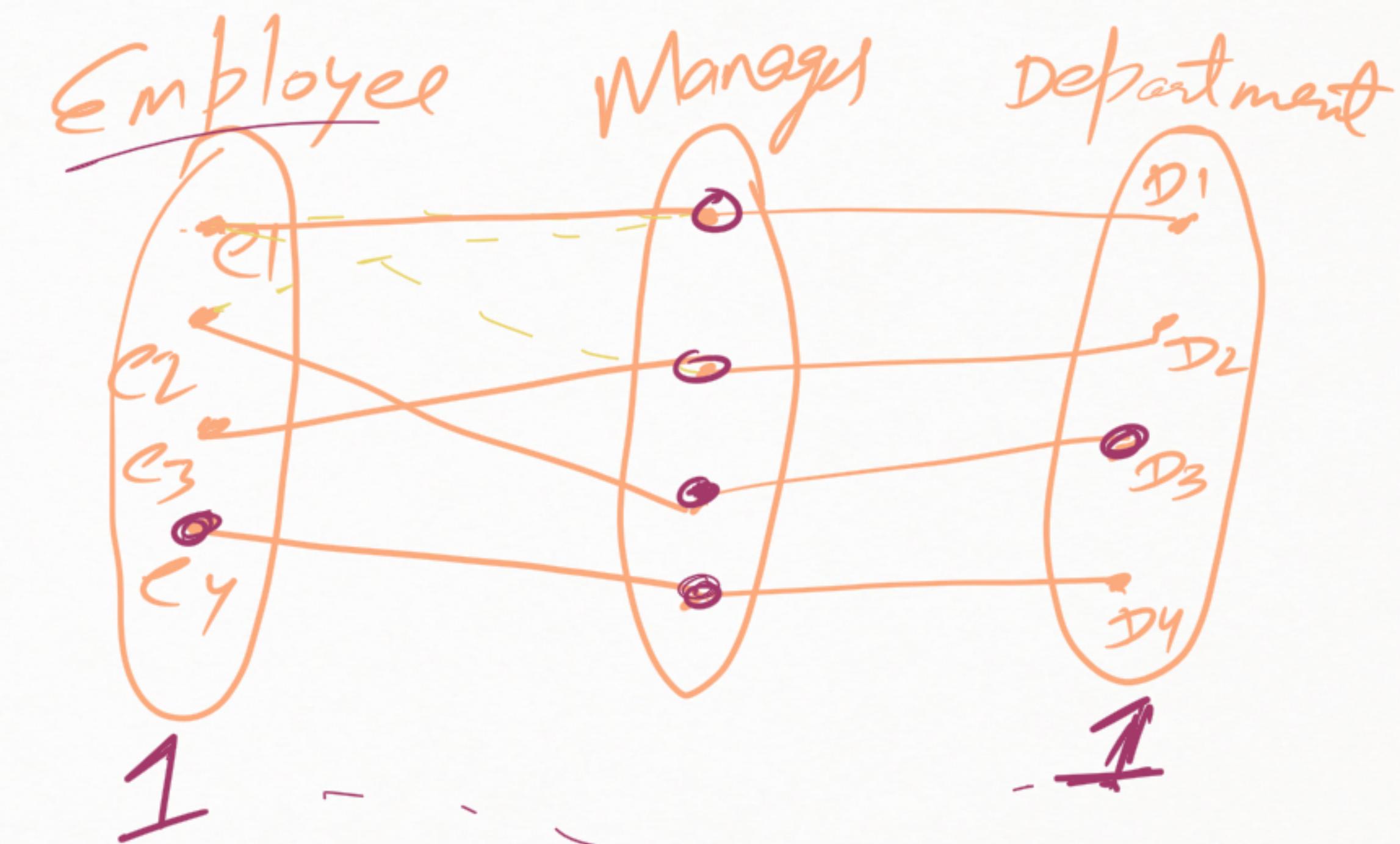


Every Dept. Should have a manager.

→ Only one employee manages a Department.

✓ An employee can manage only 1 Department

Cardinality



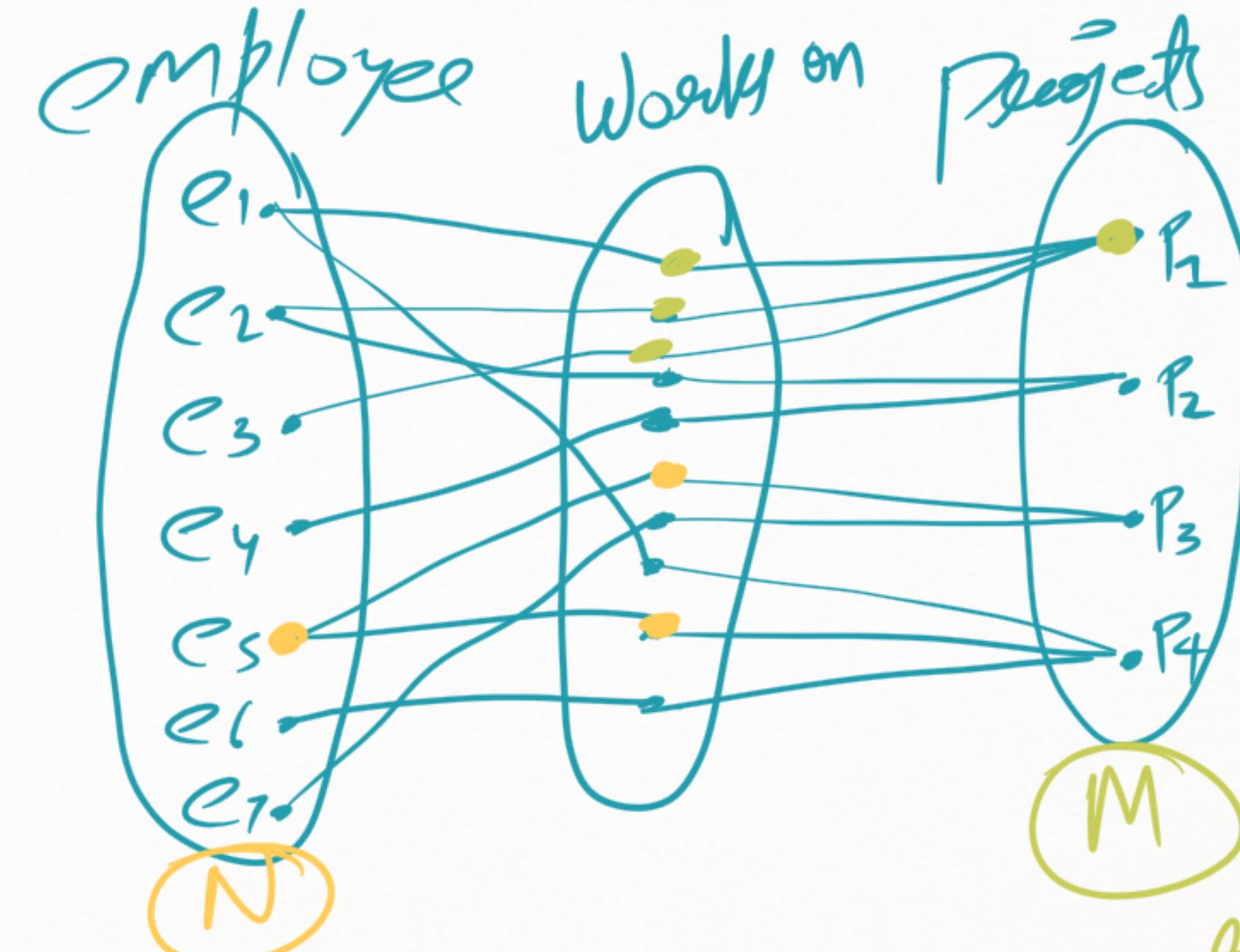
~~# Req~~

✓ Every emp. is supposed
to work atleast on one
Project.

→ Emp can work on
many projects.

→ Every proj. Should
have atleast 1 emp,
it can have many.

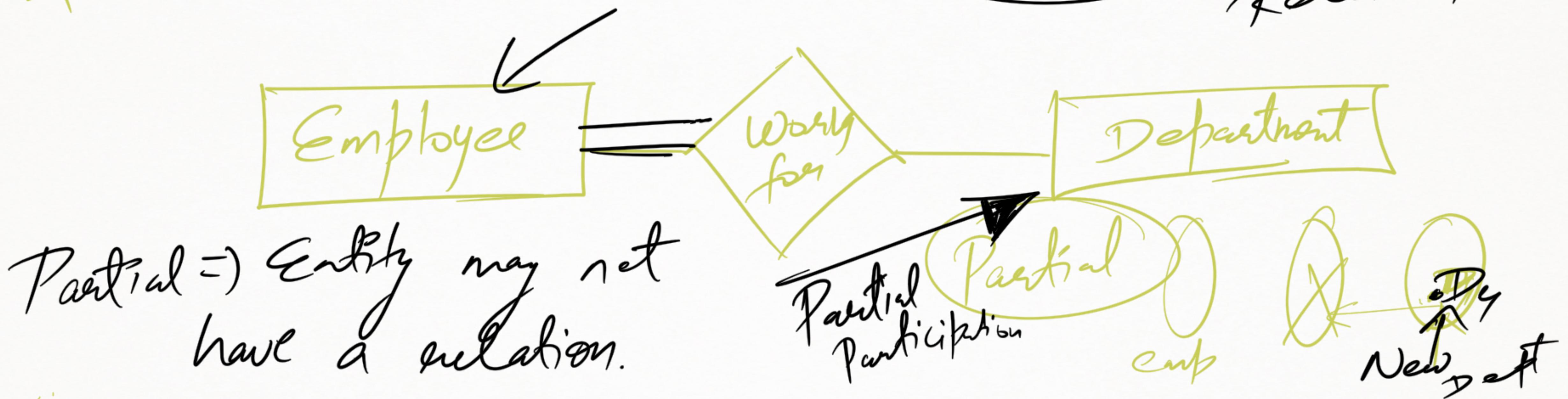
✓

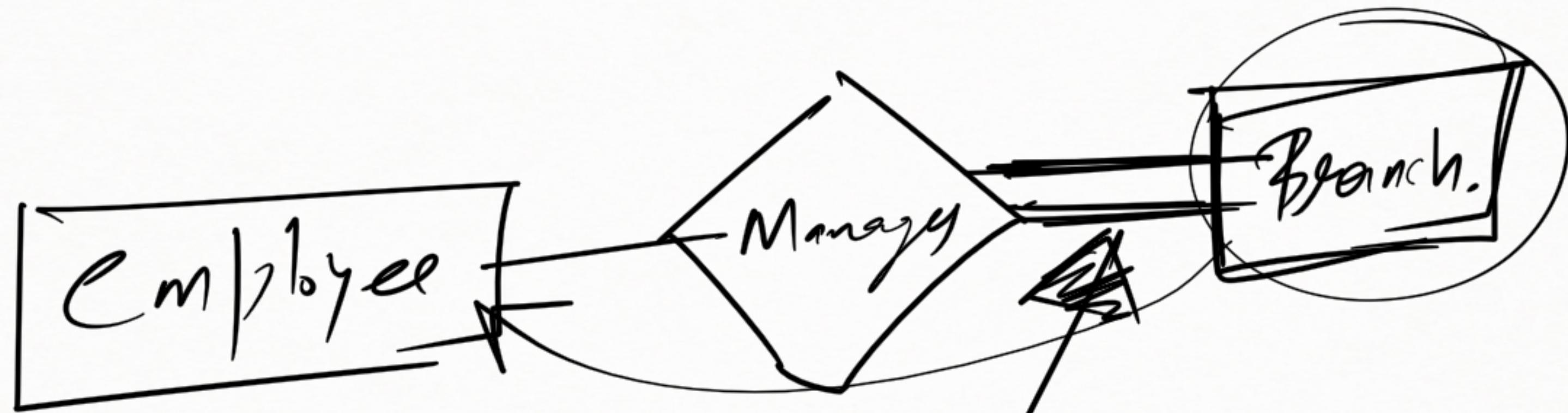


$P_1 \rightarrow e_1, e_2, e_3$ Many to Many
 $P_2 \rightarrow e_2, e_4$
 $P_3 \rightarrow e_5, e_7$
 $P_4 \rightarrow e_1, e_5, e_6$



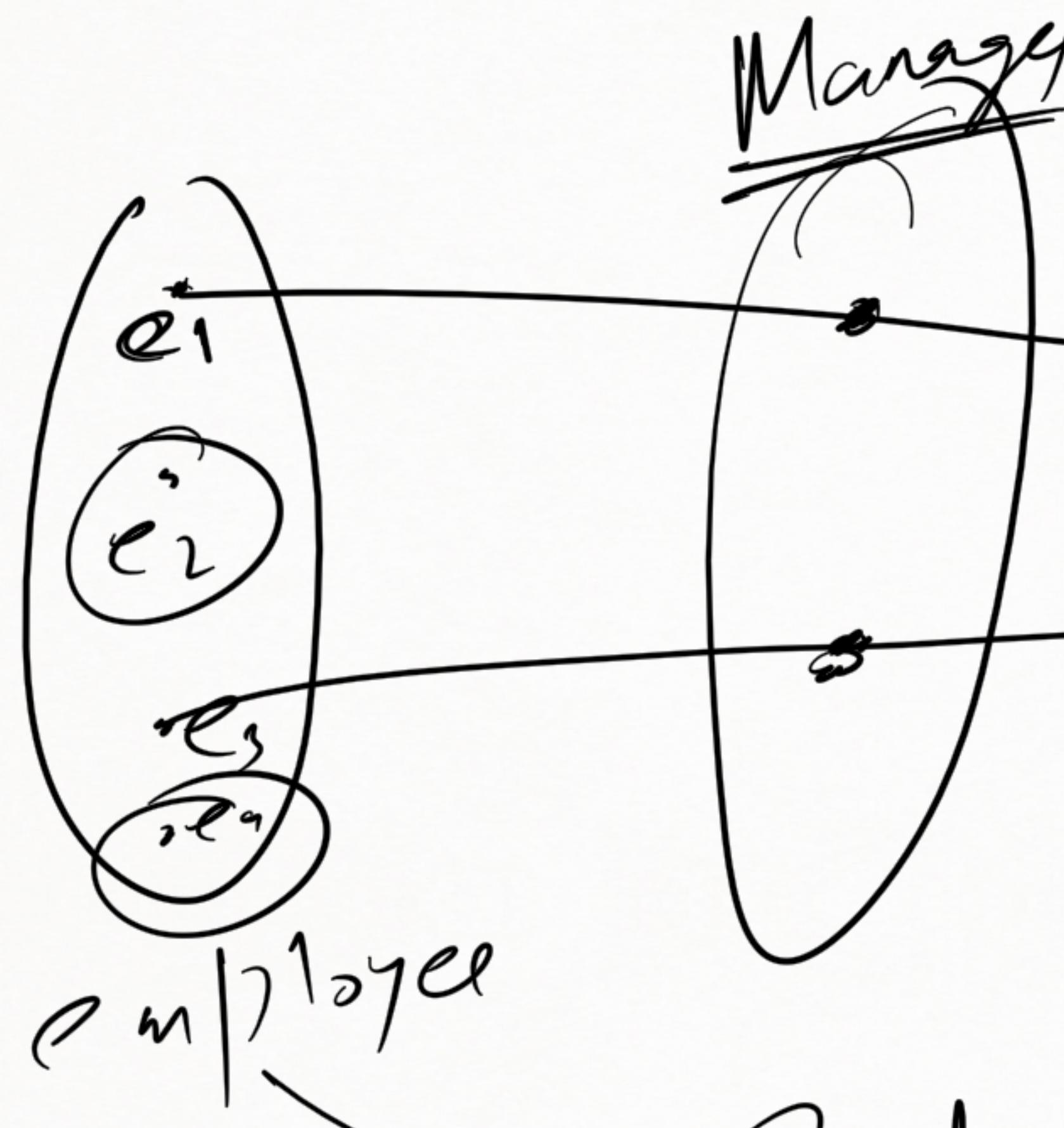
Partial Participation VS Total Participation => At least one Relation





Every Branch should have a
Manager.

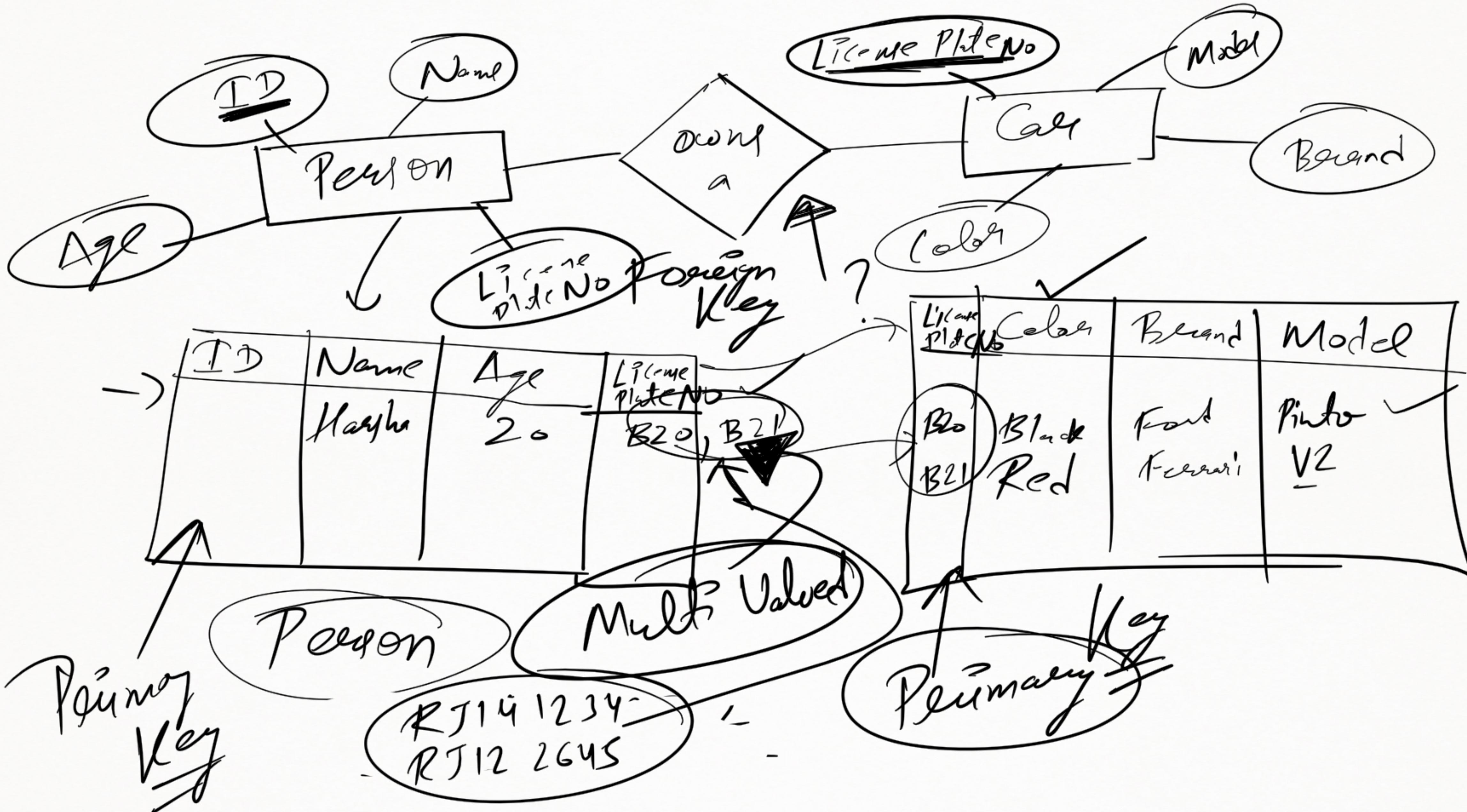
Total
Participation



Partial Participation

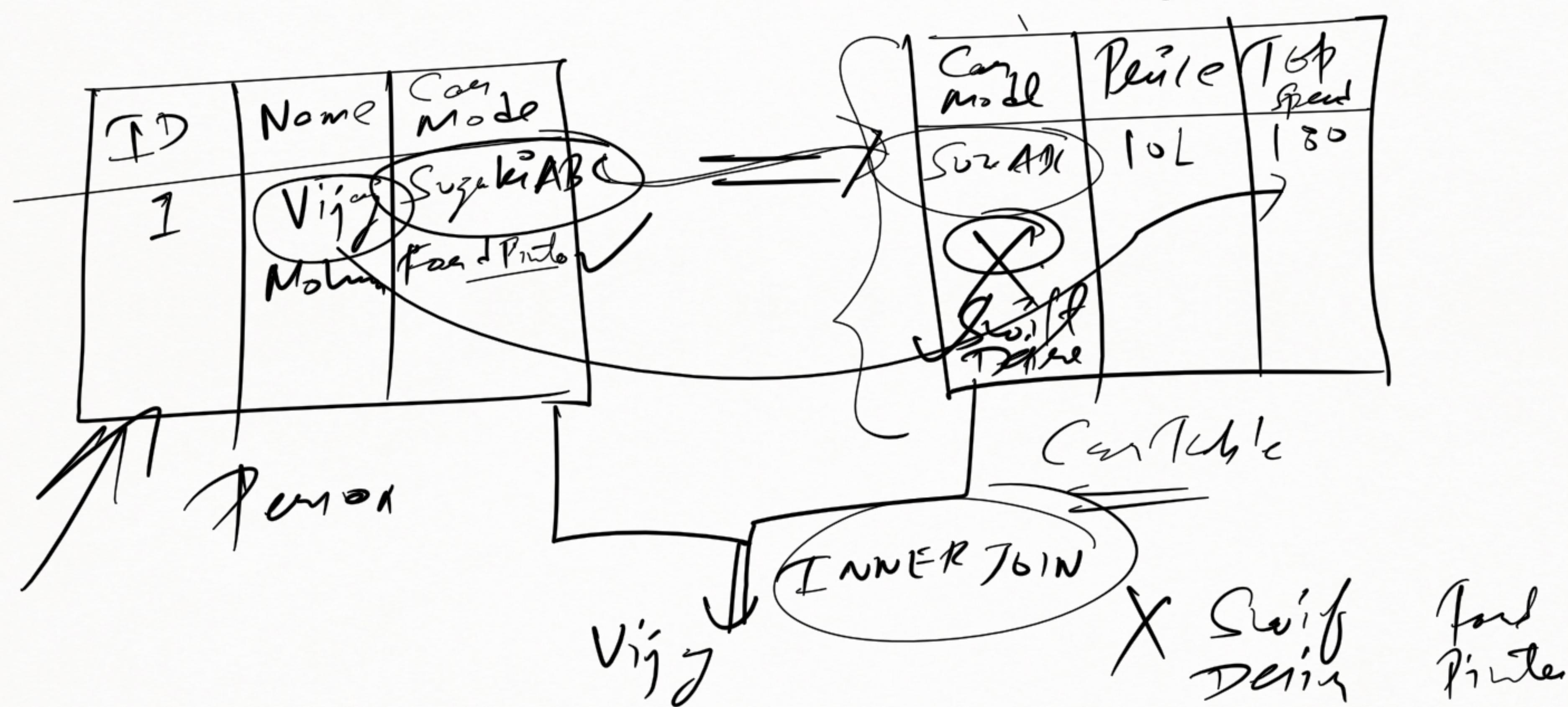
~~Manager~~

Participation is
the property
of Relationship
and Not
entites



Left => Vijay ✓ 18°
Mohini ✓ -

Right => ~~Vijay~~ ✓ Suzuk
Swift
Dzire



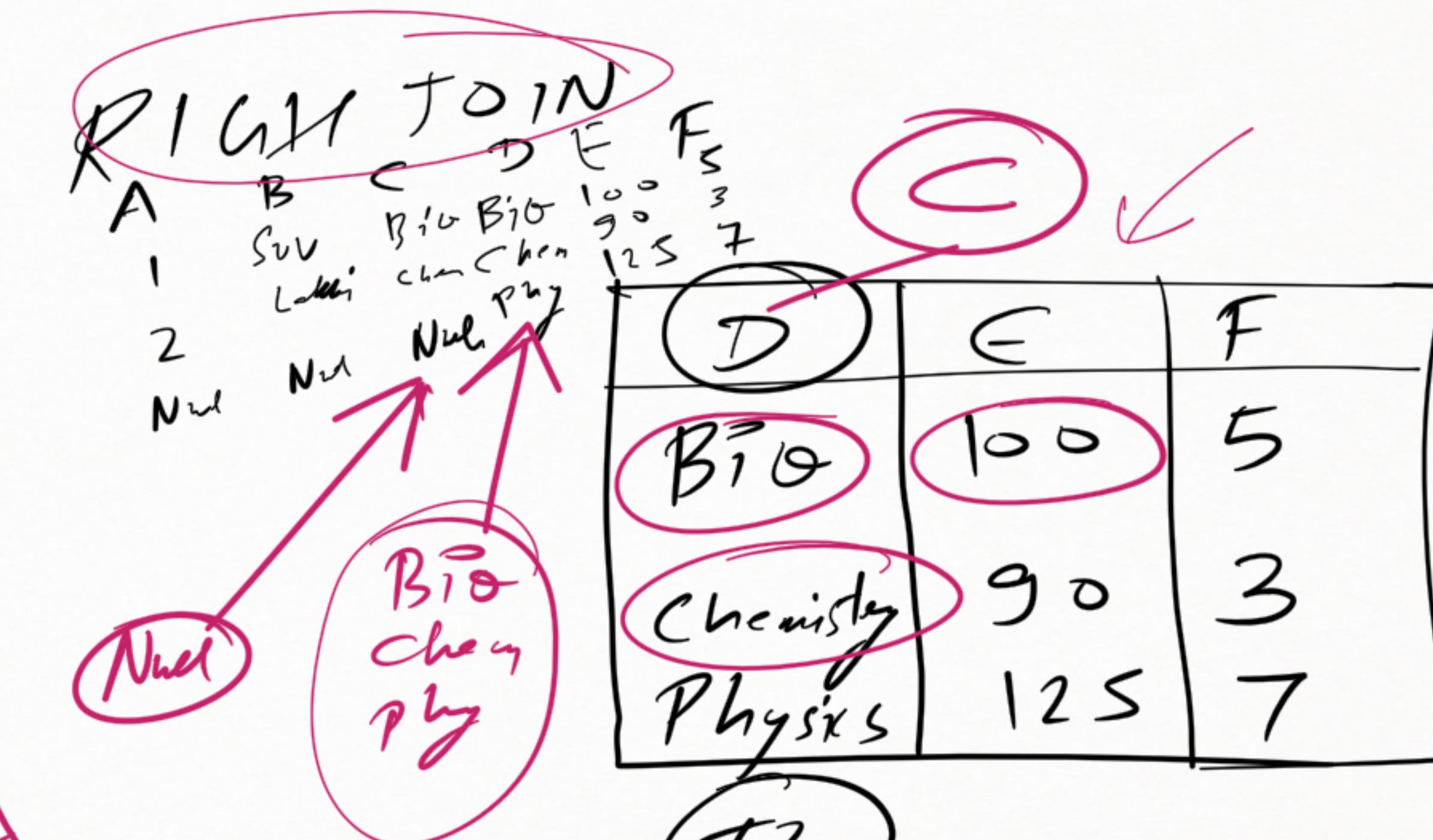
A	B	C
I	Suvedha BIO	
2	Lakkidi UMA	Chemistry Maths
3		

T1

INNER JOIN

$$C = D$$

A	B	C	D	E	F
1	S	BIO	BIO	100	5
2	L	Chem	Chem	90	3



T1.A
T1.B

LEFT JOIN

A	B	C	D	E	F
1	SUV	Bio	Bio	100	5
2	Lakkidi	Chem	Chem	90	3
3	UMA	Maths	Maths	125	7
		Null	Null	Null	Null

Select * FROM

T1

JOIN

T2

ON T1.C = T2.D

Select T2.C
FROM T1
RIGHT JOIN
T2

INNER
JOIN

Select * from

T1

INNER JOIN

T2

ON T1.C = T2.D
WHERE T2.E >= 100

= A B C D E F
 ↑ SW Bio Bio 100 S

