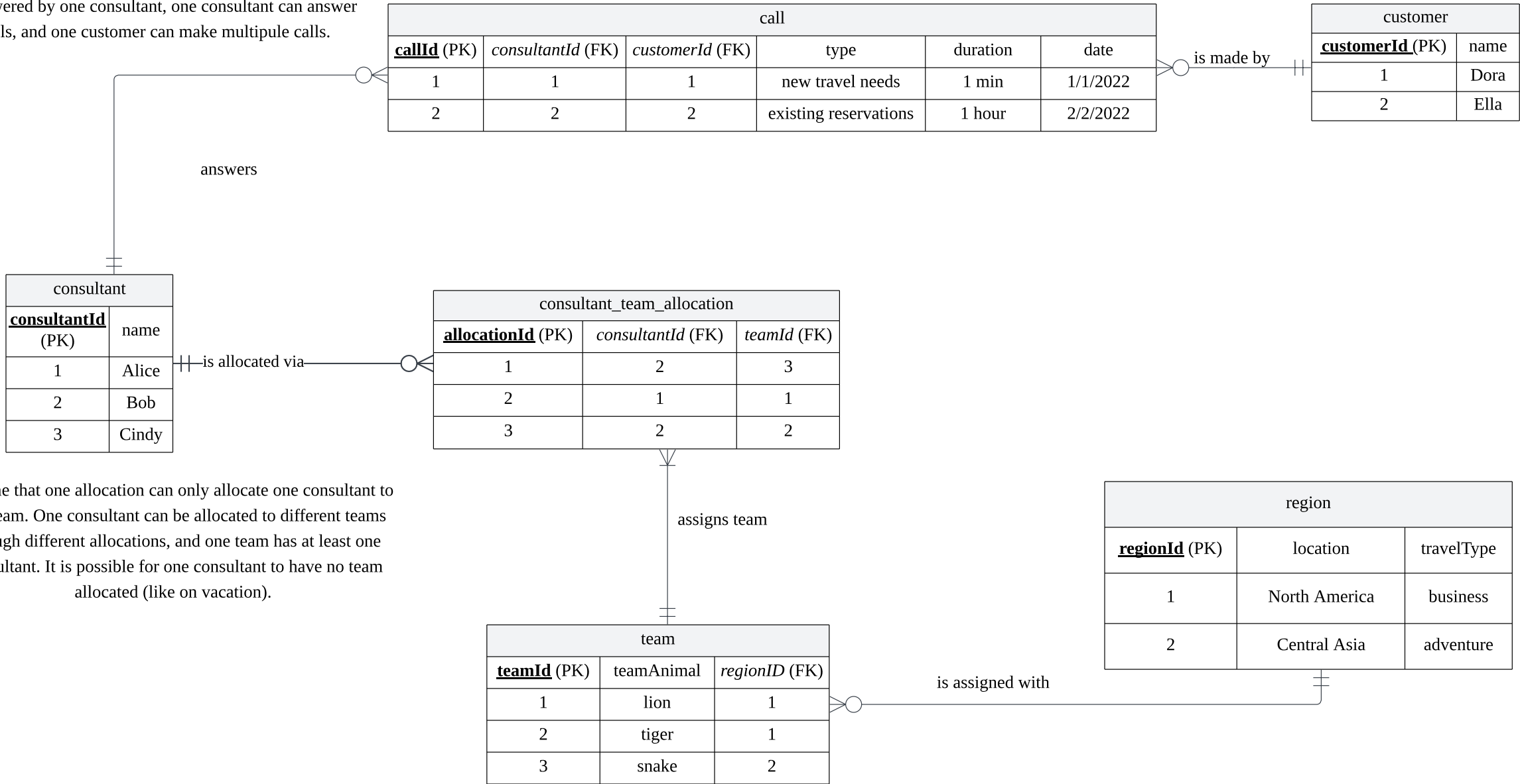


1) Travel Consulting Company ER Diagram

Assume that one call can only be made by one customer and can only be answered by one consultant, one consultant can answer many calls, and one customer can make multipule calls.

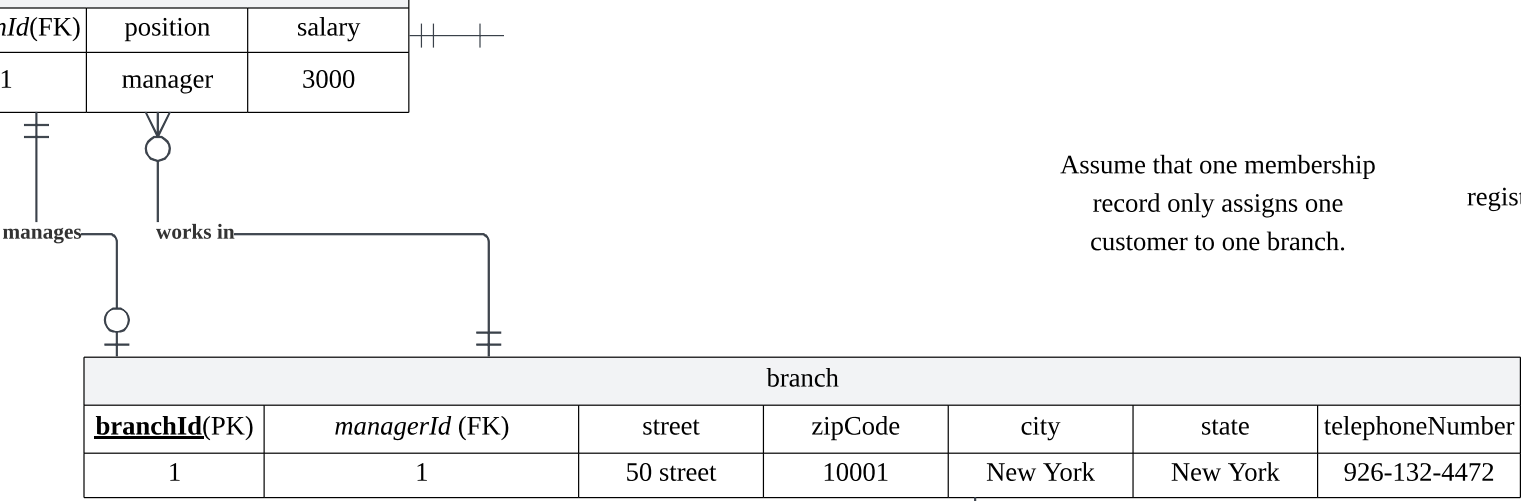


Assume that one allocation can only allocate one consultant to one team. One consultant can be allocated to different teams through different allocations, and one team has at least one consultant. It is possible for one consultant to have no team allocated (like on vacation).

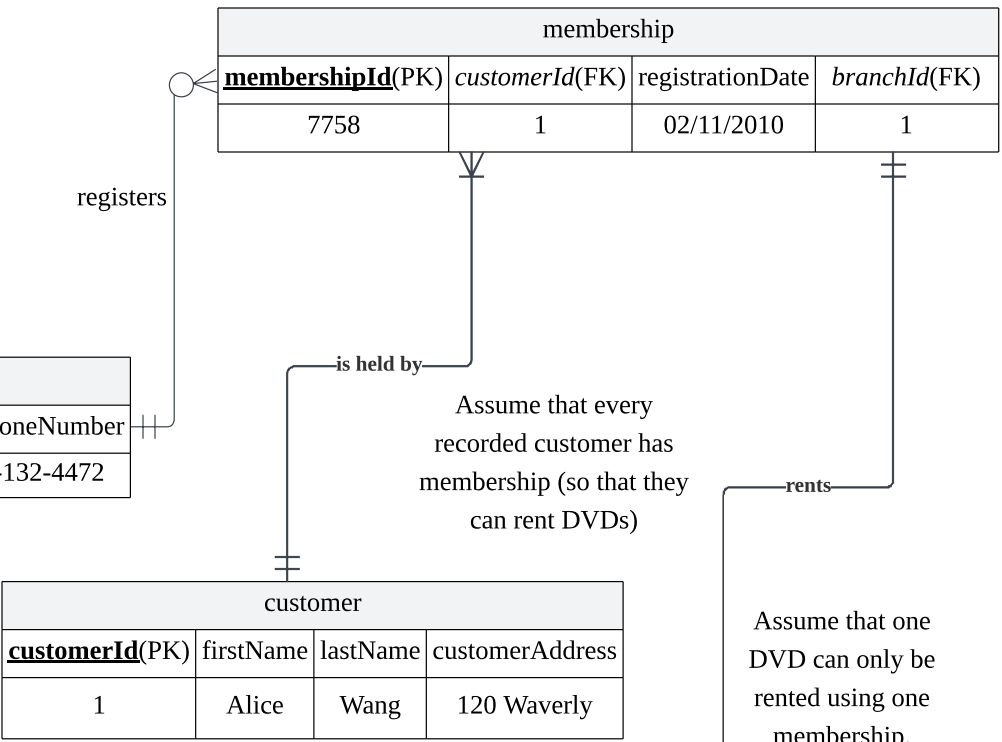
2) DVD Company ER Diagram

staff				
<u>staffId</u> (PK)	staffName	branchId(FK)	position	salary
1	Cindy	1	manager	3000

Assumption: Each branch has exactly one manager who is a staff member; a staff member may manage zero or one branch (most staff are not managers, and no staff manages more than one branch at a time)



Assume that one membership record only assigns one customer to one branch.



Assume that every recorded customer has membership (so that they can rent DVDs)

Assume that one DVD can only be rented using one membership.

rental_record						
<u>rentalId</u> (PK)	membershipId(FK)	branchId(FK)	rentPrice	dvdNumber(FK)	rentDate	returnDate
1	7758	1	10	1322	04/22/2011	05/12/2011
2	7758	1	10	1321	04/22/2011	05/12/2011

Assume that one DVD can be rented for multiple times, and one rental record can only record one DVD being rented.

Assume member ID, member full name and DVD title are retrievable via foreign keys.