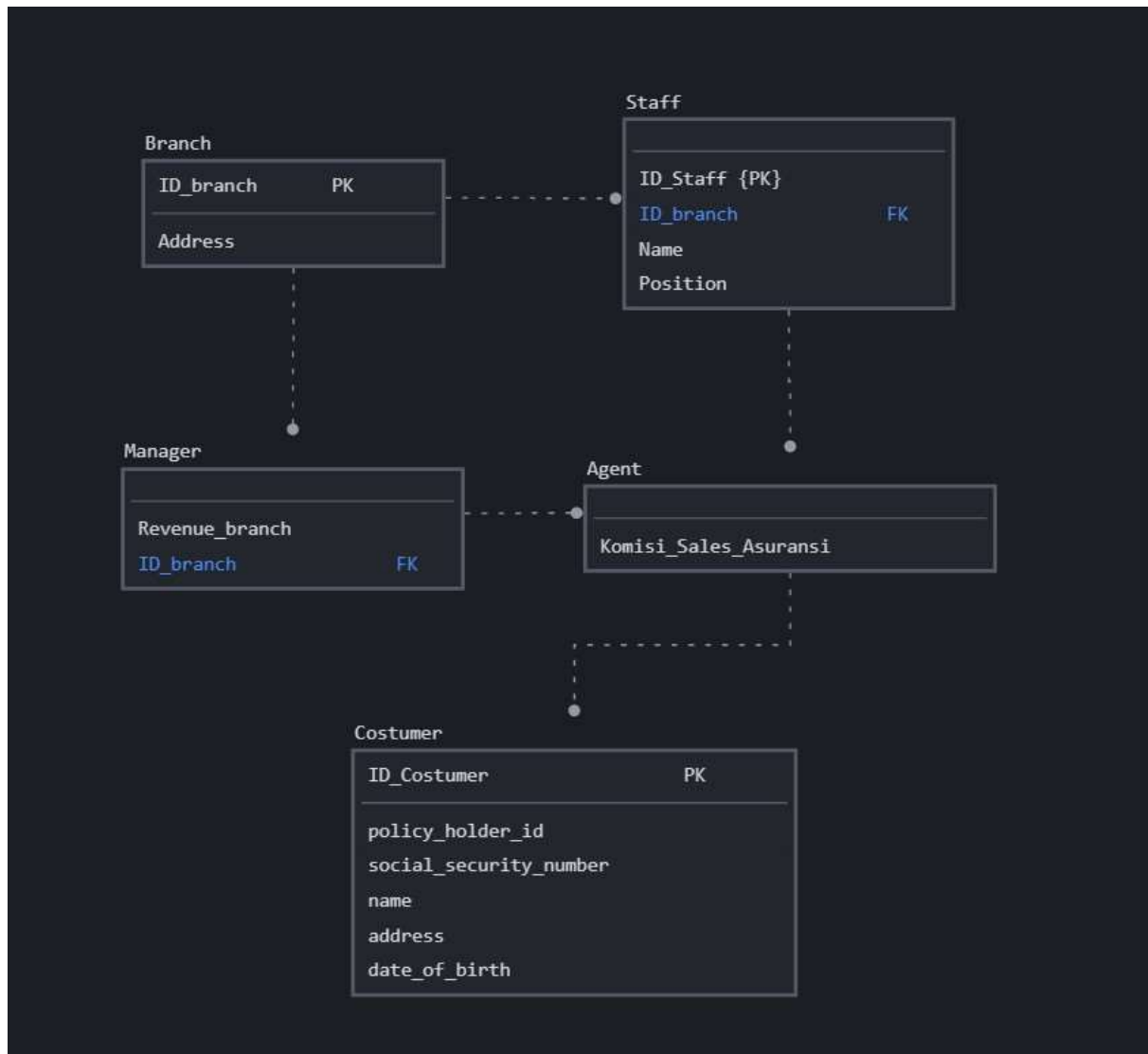


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## Database System Lab Week 12

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The branch entity consists of the ID of the branch which is stated as ID\_branch and within the ID\_branch holds the address of each branches. Meanwhile the Staff entity functions as the superclass of the branch where it shows that every branch owns a staff. The staff entity consists of staffs where each staff member is represented as ID\_Staff, this id has a certain connection with the ID\_branch and within every ID\_Staff holds the information of a staff member's name and position in each branch. Now the manager entity connects with the branch entity through it's ability to control a branch which means the management entity manages a branch. The manager entity, agent entity and customer entity are in a group of job roles subclasses. Job roles comprehend each members that are actively working in a branch,

which is also known as the staff. Now the manager entity consists of Revenue\_branch and ID\_branch. A revenue branch means the total sum amount of income that a branch has conceived. Meanwhile the ID\_branch is the representative of the branch that is under the supervised manager. This job role subclasses are participation constraint and nondisjoint constraint where they are 'optional' in a branch towards the staff entity. Now the agent entity shows the amount commission that the staff will or has received in an amount of time which is mandatory based on the accumulated results which shows that it's participation constraint and disjoint constraint towards the staff entity. Lastly the customer entity hold the data of the policy holder's id, their social security number, a customer's name, a customer's address, and a customer's date of birth. The customer (ID\_Customer) data from the entity can only be accessed through the agent that is in charge of the customer, but the agent can surely pass on a customer's data to the manager's entity or the staff's entity later on.

