BD test 1

animals		responsibilities		caretaker
id_animal VARCHAR2(6) (PK)	←	id_animal VARCHAR2(6) (FK)	→	id_caretaker VARCHAR2(6) (PK)
species VARCHAR2(50)		id_caretaker VARCHAR2(6) (FK)		fname VARCHAR2(30)
name CHAR2(30)				lname VARCHAR2(30)
dob DATE				dob DATE
endangered_level NUMBER(2)				salary NUMBER(4,2)

locations

id_location VARCHAR2(6) (PK)

area_size NUMBER(3,2)

zoo_area CHAR2(50)

popularity_level NUMBER(2)

animal_locations
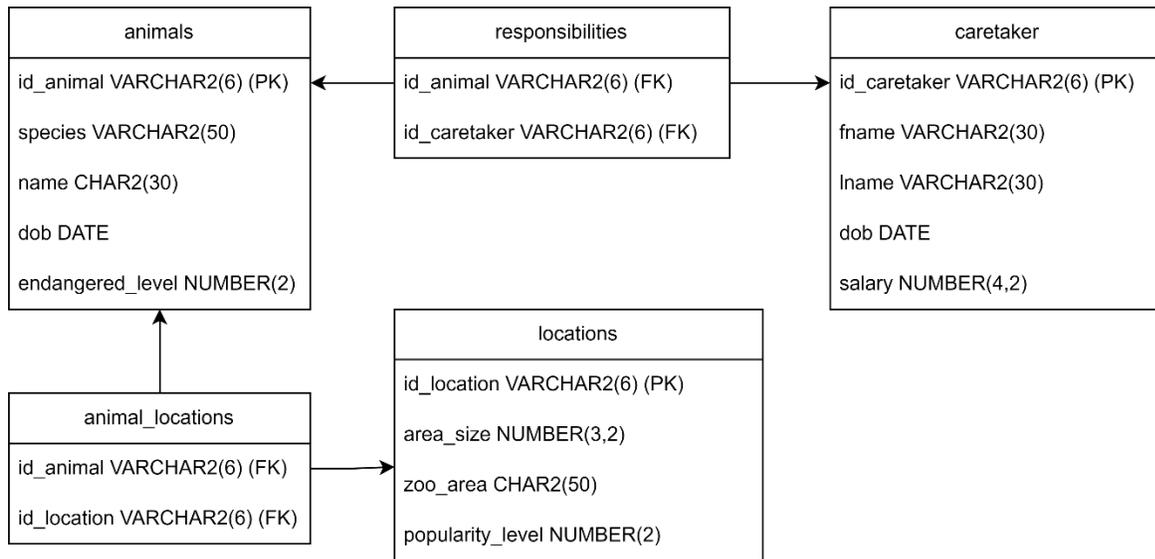
id_animal VARCHAR2(6) (FK)

id_location VARCHAR2(6) (FK)

The endangered_level field takes the values: 1 (very endangered), 2 (moderately endangered), 3 (least endangered) or NULL (endangerment level not known).

The zoo_area field takes the values: *West*, *South, North, East, North-West, North-East, South-East, South-West, Center.*

The popularity_level field takes values from 1 to 10, 1 meaning *least popular* and 10 meaning *most popular.* The field also accepts NULL values (popularity is unknown).

1. Show the first and last names of the caretakers whose last names start with *A* and end with *escu*, ordering them by their salary descending. Consider only the caretakers for which the salary is known (it isn't NULL).

2. Show the distinct first names of the caretakers who are born in February, printing as well the day of the week in which they were born. Give the following alias to the day of the week: *Day of Week*.

3. Show the names of the animals which are being taken care of by caretakers whose salary is less than 3000.

4. Show the names of the animals which are born in the same month as their caretaker(s). Include also the animals that do not currently have a caretaker.

5. Show with lowercase letters the names of the pairs of animals which have the same length of the name. Avoid pairing up an animal with itself. When building the solution, carefully take into account the type of the used fields.