

## Single table implementation:

### Animals (table name)

ID	Numeric (PK)
Date of arrival	Date Not null
reason for delivery	varchar(50) not null
animal type	varchar(6) not null - Check constraint Domain value(DOG, CAT, OTHERS)
name	varchar(50) NN
approx age	numeric NN
comments	varchar(200) Null
breed	varchar(20) Null (check constraint - if animal type = dog or cat then this is not null)
size	varchar(20) Null check constraint - if animal type = dog then this is not null)
length of hair	varchar(20) Null check constraint - if animal type = cat then this is not null)
species	varchar(20) Null check constraint - if animal type = others then this is not null)
Picture	BLOB

## Multiple table implementations:

### Animals Table

ID	Numeric (PK)	1
2		
Date of arrival	Date Not null	
18/02/2021	18/02/2021	
reason for delivery	varchar(50) not null	owner
died	New baby in family	
name	varchar(50) NN	Leo
Bob		
approx age	numeric NN	4
8		
comments	varchar(200) Null	Very
kind	can bite	
picture	BLOB	
animal type	varchar(2) NN (domain: D, C, O)	

### DOGS Table

ID	Numeric (PK)	1
breed	varchar(20) Not null	German
Shepherd		
size	varchar(20) Not null (domain ?)	Big
Animal_ID	Numeric (FK)	1

### CATS Table

ID	Numeric (PK)	
1		
breed	varchar(20) Not null	
Siameese cat		
length of hair	varchar(20) Not null	
Long hair		
Animal_ID	Numeric (FK)	
2		

### OTHERS

ID	Numeric (PK)	
species (what type of animal)		varchar(20) Not null
Animal_ID	Numeric (FK)	