



Default Layout

Table animal		
Idx	Name	Data Type
* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY
*	sex_id	integer
*	race_id	bigint
*	procedence_type_id	integer
	name	varchar(100)
*	colour	varchar(100)
Indexes		
Type	Name	On
Pk	pk_animal	id
Foreign Keys		
Type	Name	On
	fk_animal_sex ( sex_id ) ref sex ( id )	
	fk_animal_race ( race_id ) ref race ( id )	
	fk_animal_procedence_type ( procedence_type_id ) ref procedence_type ( id )	

Table animal_photos		
Idx	Name	Data Type
* Pk	id	bigint
*	animal_id	bigint
*	url	varchar(255)
Indexes		
Type	Name	On
Pk	pk_animal_photis	id
Foreign Keys		
Type	Name	On
	fk_animal_photis_animal ( animal_id ) ref animal ( id )	

Table animal_status		
Idx	Name	Data Type
* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY
*	name	varchar(100)
Indexes		
Type	Name	On
Pk	pk_animal_status	id

Table animal_status_hist		
Idx	Name	Data Type
* Pk	animal_id	bigint
*	status_id	integer
* Pk	date_from	date
	date_to	date
*	photo	bigint
Indexes		
Type	Name	On
Pk	pk_animal_status_hist	animal_id, date_from

## Table animal\_status\_hist

### Foreign Keys

Type	Name	On
	fk_animal_status_hist_animal ( animal_id )	ref animal ( id )
	fk_animal_status_hist ( status_id )	ref animal_status ( id )
	fk_animal_status_hist_photo ( photo )	ref animal_photos ( id )

## Table appointment

Idx	Name	Data Type
* Pk	customer_id	bigint
* Pk	appointment_date	timestamp
	animal_id	bigint

### Indexes

Type	Name	On
Pk	pk_appointment	customer_id, appointment_date

### Foreign Keys

Type	Name	On
	fk_appointment_customer ( customer_id )	ref customer ( id )
	fk_appointment_animal ( animal_id )	ref animal ( id )

## Table customer

Idx	Name	Data Type
* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY
*	doc_type_id	integer
* Unq	doc_number	varchar(100)
*	name	varchar(100)
*	surname	varchar(100)
*	user_alias	varchar(100)
*	date_birth	date
*	banned	boolean DEFAULT FALSE
*	email	varchar(255)
*	phone1	varchar(20)
	phone2	varchar(20)
*	address	bigint

### Indexes

Type	Name	On
Pk	pk_customer	id
Unq	unq_customer	doc_number

## Table customer\_pwd

Idx	Name	Data Type
* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY
*	customer_id	bigint
*	pwd	varchar(255)

### Indexes

Type	Name	On
Pk	pk_customer_pwd	id

### Foreign Keys

Type	Name	On
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### Table customer\_pwd

fk\_customer\_pwd\_customer ( customer\_id ) ref customer ( id )

### Table procedence\_type

Idx	Name	Data Type
* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY
*	name	varchar(100)

#### Indexes

Type	Name	On
Pk	pk_procedence_type	id

### Table race

Idx	Name	Data Type	Description
* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY	
*	species_id	bigint	
*	is_exotic	boolean	
*	name	varchar(100)	
*	santeria_related	boolean	these animals can't be given when there can be involved in rituals during certain periods (example: black cats in october)
*	space_need	varchar(100)	define data type after seeing more data
*	activity_need	varchar(100)	define data type after seeing more data
*	alimentation_need	varchar(100)	define data type after seeing more data
*	dangerous_race	boolean	defines if this race is catalogued as a dangerous race or not
*	time_dedication_need	varchar(100)	define data type when seeing more data

#### Indexes

Type	Name	On	Description
Pk	pk_race	id	

#### Foreign Keys

Type	Name	On	Description
	fk_race_species ( species_id )	ref species ( id )	

### Table sex

Idx	Name	Data Type
* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY
*	name	varchar(100)

#### Indexes

Type	Name	On
Pk	pk_sex	id

### Table species

Idx	Name	Data Type
* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY
*	name	varchar(100)

#### Indexes

Type	Name	On
Pk	pk_species	id