



Default Layout

Table adoption		
Idx	Name	Data Type
*	adopter_id	bigint
* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY
*	animal_id	bigint
*	delegation_id	bigint
	observations	text
*	adoption_date	date
Indexes		
Type	Name	On
Pk	pk_adoption	id
Foreign Keys		
Type	Name	On
	fk_adoption_animal (animal_id) ref animal (id)	
	fk_adoption_delegation (delegation_id) ref delegation (id)	
	fk_adoption_adopter (adopter_id) ref customer (id)	

Table animal			
Idx	Name	Data Type	Description
* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY	
	found_location_id	bigint	Location where the animal was found
*	sex_id	integer	
*	race_id	bigint	
*	procedence_type_id	integer	
	name	varchar(100)	
*	colour	varchar(100)	
Indexes			
Type	Name	On	Description
Pk	pk_animal	id	
Foreign Keys			
Type	Name	On	Description
	fk_animal_locations (found_location_id) ref locations (id)		
	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
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	delegation_id	bigint
* Pk	customer_id	bigint
* Pk	appointment_date	timestamp
	animal_id	bigint
Indexes		
Type	Name	On
Pk	pk_appointment	delegation_id, customer_id, appointment_date
Foreign Keys		
Type	Name	On
	fk_appointment_delegation (delegation_id) ref delegation (id)	
	fk_appointment_customer (customer_id) ref customer (id)	
	fk_appointment_animal (animal_id) ref animal (id)	

Table assigned_animals		
Idx	Name	Data Type
* Pk	animal_id	bigint
*	delegation_id	bigint
*	arrived	boolean
* Pk	arrival_date	date
	leaving_date	date
Indexes		
Type	Name	On
Pk	pk_assigned_animals	animal_id, arrival_date
Foreign Keys		
Type	Name	On
	fk_assigned_animals_delegation (delegation_id) ref delegation (id)	
	fk_assigned_animals_animal (animal_id) ref animal (id)	

Table ban_history		
Idx	Name	Data Type
* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY
*	customer_id	bigint
*	ban_reson_id	integer
*	start_date	date
	end_date	date

Table ban_history		
	comment	bigint
	aproved	boolean
Indexes		
Type	Name	On
Pk	pk_ban_history	id
Foreign Keys		
Type	Name	On
	fk_ban_history_customer (customer_id) ref customer (id)	
	fk_ban_history_ban_reason (ban_reson_id) ref ban_reason (id)	

Table ban_reason		
Idx	Name	Data Type
* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY
*	name	varchar(100)
*	is_permanent	boolean
*	can_donate	boolean
Indexes		
Type	Name	On
Pk	pk_ban_reason	id

Table city		
Idx	Name	Data Type
* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY
*	province_id	bigint
*	name	varchar(100)
	postal_code	varchar
Indexes		
Type	Name	On
Pk	pk_city	id
Foreign Keys		
Type	Name	On
	fk_city_province (province_id) ref province (id)	

Table clinical_hist		
Idx	Name	Data Type
* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY

Table clinical_hist		
*	start_date	date
	end_date	date
*	is_permanent	boolean
*	medical_condition	varchar(100)
*	animal_id	bigint
Indexes		
Type	Name	On
Pk	pk_clinical_hist	id
Foreign Keys		
Type	Name	On
	fk_clinical_hist_animal (animal_id) ref animal (id)	

Table country		
Idx	Name	Data Type
* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY
*	name	varchar(100)
	iso_alpha_2	varchar(2)
	iso_alpha_3	varchar(3)
	iso_un	varchar(2)
Indexes		
Type	Name	On
Pk	pk_country	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)

Table customer		
*	address	bigint
Indexes		
Type	Name	On
Pk	pk_customer	id
Unq	unq_customer	doc_number
Foreign Keys		
Type	Name	On
	fk_customer_locations (address) ref locations (id)	

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
	fk_customer_pwd_customer (customer_id) ref customer (id)	

Table delegation		
Idx	Name	Data Type
* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY
*	shelter_id	bigint
*	location_id	bigint
Indexes		
Type	Name	On
Pk	pk_delegation	id
Foreign Keys		
Type	Name	On
	fk_delegation_shelter (shelter_id) ref shelter (id)	
	fk_delegation_locations (location_id) ref locations (id)	

Table donation		
Idx	Name	Data Type

Table donation		
* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY
*	donor_id	bigint
*	shelter_id	bigint
*	amount	numeric(0,2)
	message	text
*	donation_date	date
Indexes		
Type	Name	On
Pk	pk_donation	id
Foreign Keys		
Type	Name	On
	fk_donation_shelter (shelter_id) ref shelter (id)	
	fk_donation_donor (donor_id) ref customer (id)	

Table locations		
Idx	Name	Data Type
* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY
*	city_id	bigint
*	address	varchar(100)
	address_details	varchar(255)
Indexes		
Type	Name	On
Pk	pk_delegation_location	id
Foreign Keys		
Type	Name	On
	fk_locations_city (city_id) ref city (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 province		
Idx	Name	Data Type
* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY
*	name	varchar(100)
*	country_id	bigint
Indexes		
Type	Name	On
Pk	pk_province	id
Foreign Keys		
Type	Name	On
	fk_province_country (country_id) ref country (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		

Table sex		
Type	Name	On
Pk	pk_sex	id

Table shelter		
Idx	Name	Data Type
* Pk	id	bigint GENERATED BY DEFAULT AS IDENTITY
*	social_name	varchar(100)
*	registered_name	varchar(100)
* Unq	vat_number	varchar(100)
*	fiscal_location	bigint
Indexes		
Type	Name	On
Pk	pk_shelter	id
Unq	unq_shelter	vat_number
Foreign Keys		
Type	Name	On
	fk_shelter_locations (fiscal_location) ref locations (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