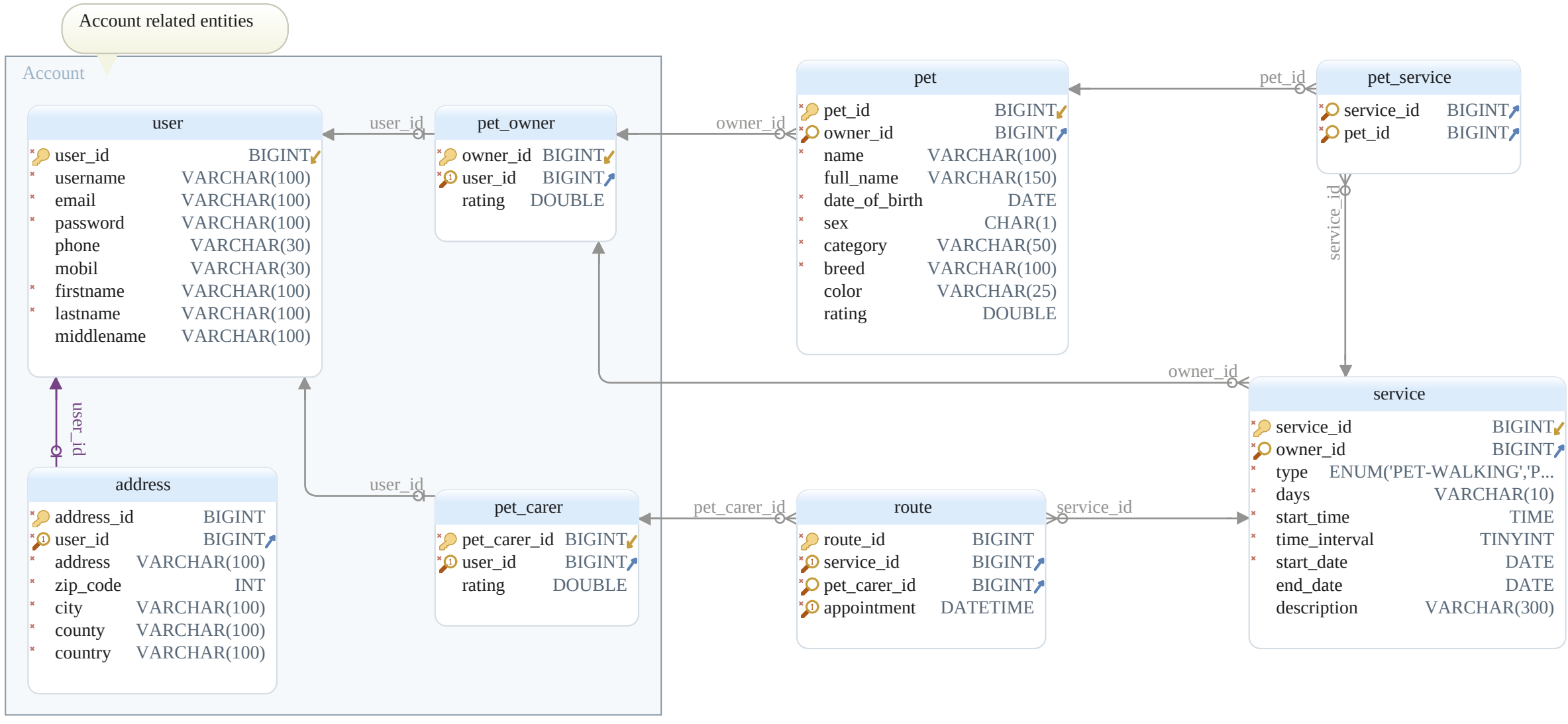
Account related entities
Account
user
user_id BIGINT
username VARCHAR(100)
email VARCHAR(100)
password VARCHAR(100)
phone VARCHAR(30)
mobil VARCHAR(30)
firstname VARCHAR(100)
lastname VARCHAR(100)
middlename VARCHAR(100)
pet_owner
owner_id BIGINT
user_id BIGINT
rating DOUBLE
pet
pet_id BIGINT
owner_id BIGINT
name VARCHAR(100)
full_name VARCHAR(150)
date_of_birth DATE
sex CHAR(1)
category VARCHAR(50)
breed VARCHAR(100)
color VARCHAR(25)
rating DOUBLE
pet_service
service_id BIGINT
pet_id BIGINT
service
service_id BIGINT
owner_id BIGINT
type ENUM('PET-WALKING','P...
days VARCHAR(10)
start_time TIME
time_interval TINYINT
start_date DATE
end_date DATE
description VARCHAR(300)
address
address_id BIGINT
user_id BIGINT
address VARCHAR(100)
zip_code INT
city VARCHAR(100)
county VARCHAR(100)
country VARCHAR(100)
pet_carer
pet_carer_id BIGINT
user_id BIGINT
rating DOUBLE
route
route_id BIGINT
service_id BIGINT
pet_carer_id BIGINT
appointment DATETIME
user_id
user_id
owner_id
pet_id
service_id
owner_id
user_id
pet_carer_id
service_id

Default Layout

Table address

* Pk	address_id	BIGINT
* Unq	user_id	BIGINT
*	address	VARCHAR(100)
*	zip_code	INT
*	city	VARCHAR(100)
*	county	VARCHAR(100)
*	country	VARCHAR(100)
Indexes		
Pk	pk_address	address_id
Unq	user_id	user_id
Foreign Keys		
Vir	user_id (user_id) ref user (user_id)	
Options		
engine=InnoDB		

Table pet

* Pk	pet_id	BIGINT	
* Idx	owner_id	BIGINT	
*	name	VARCHAR(100)	
	full_name	VARCHAR(150)	
*	date_of_birth	DATE	Date with the format: YYYY-MM-DD
*	sex	CHAR(1)	(M) for Male, (F) for Female
*	category	VARCHAR(50)	Category of the animal like: Dog, Cat, Snake, Weasel
*	breed	VARCHAR(100)	
	color	VARCHAR(25)	
	rating	DOUBLE	
Indexes			
Pk	pk_pet	pet_id	
	fk_pet_pet_owner	owner_id	
Foreign Keys			
	fk_pet_pet_owner (owner_id) ref pet_owner (owner_id)		
Options			
engine=InnoDB			

Table pet_carer

* Pk	pet_carer_id	BIGINT
* Unq	user_id	BIGINT
	rating	DOUBLE
Indexes		
Pk	pk_walker	pet_carer_id
Unq	unique_index	user_id
Foreign Keys		
	fk_pet_carer_user (user_id) ref user (user_id)	
Options		
engine=InnoDB		

Table pet_owner

* Pk	owner_id	BIGINT
* Unq	user_id	BIGINT
	rating	DOUBLE
Indexes		
Pk	pk_owner	owner_id
Unq	user_id	user_id
Foreign Keys		
	user_id (user_id) ref user (user_id)	
Options		
engine=InnoDB		

Table pet_service

* Idx	service_id	BIGINT
* Idx	pet_id	BIGINT
Indexes		
	fk_for_service	service_id
	fk_for_pet	pet_id
Foreign Keys		
	fk_for_service (service_id) ref service (service_id)	
	fk_for_pet (pet_id) ref pet (pet_id)	
Options		
engine=InnoDB		

Table route

Registered walking routes connected to walker & service entities

* Pk	route_id	BIGINT	
* Unq	service_id	BIGINT	
* Idx	pet_carer_id	BIGINT	
* Unq	appointment	DATETIME	Datetime in ISO format: "YYYY-MM-DDThh:mm:ssZ:" (e.g: "2023-01-28T12:00:00Z")
Indexes			
Pk	pk_walking_route	route_id	
Unq	unique_index	service_id, appointment	
	fk_route_pet_carer	pet_carer_id	
Foreign Keys			
	fk_route_service (service_id) ref service (service_id)		
	fk_route_pet_carer (pet_carer_id) ref pet_carer (pet_carer_id)		
Options			
engine=InnoDB			

Table service

Registered service requests in the PET-project application.

Types:
- PET-WALKING: Get your pet walked by a pet carer
- PET-FEED: Get your pet fed by a pet carer when you are not at home
- PET-TAXI: Get your pet transported by a competent specialist
- OVERNIGHT-CARE: Get your pet left under supervision overnight
- PET-HOTEL: Get your pet cared when you go for a vacation

* Pk	service_id	BIGINT
* Idx	owner_id	BIGINT

Table service

*	type	ENUM('PET-WALKING','PET-FEED','PET-TAXI','OVERNIGHT-CARE','PET-HOTEL')	
*	days	VARCHAR(10)	
*	start_time	TIME	24h time format: "hh:mm" (e.g: "14:00")
*	time_interval	TINYINT	The length of the event given in minutes.
*	start_date	DATE	
	end_date	DATE	
	description	VARCHAR(300)	

Indexes

Pk	pk_service	service_id
	fk_service_pet_owner	owner_id

Foreign Keys

fk_service_pet_owner (owner_id) ref pet_owner (owner_id)

Options

engine=InnoDB

Table user

User account that contains the registered people of the PET-project app.

* Pk	user_id	BIGINT
*	username	VARCHAR(100)
*	email	VARCHAR(100)
*	password	VARCHAR(100)
	phone	VARCHAR(30)
	mobil	VARCHAR(30)
*	firstname	VARCHAR(100)
*	lastname	VARCHAR(100)
	middlename	VARCHAR(100)

Indexes

Pk	pk_user	user_id

Options

engine=InnoDB