TALLINNA TEHNIKAÜLIKOOL

Infotehnoloogia teaduskond

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Pet Services Web App

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1. Introduction

Pets have long ceased to be just pets and have become true family members. All animals require special attention and care (feeding, bathing, walking, etc.). But what to do if, for example, the owner has to go away for work for an extended period or the family decides to go on vacation to another country and taking all their pets is not an option? There are also cases when a person simply doesn't have time to walk a pet who needs more frequent walks for some special reasons or just specific care. Of course, owners can ask someone they know to look after their pets or leave them in special pet hotels. But only some have such acquaintances or finances to afford it. That's when people start posting ads on various social networks or some advertising websites (like Okidoki, etc.) to find someone willing to shelter the pet or visit it. And of course, this is a solution, but there are so many different groups that you'll get tired of constantly monitoring responses or creating posts to find a person. Searches mainly focus on finding trainers or groomers. Since people hope to find a more advantageous application than some dog salons or training services offer.

This is the problem that this project should solve: to have everything in one place, where there are no other ads not related to animals.

2. Overview

The web application allows users to create advertisements for finding or providing various services for animals (walking, grooming, bathing, training).

Each registered user can create an advertisement where they specify:

- The service(s) they are looking for or offering (depending on the type of advertisement). Services appear as a list.
- City
- Location where the services are provided (at home or at the provider's location)
- Type of animal
- Price (Can be added for every service).

Each registered user has a personal account where they can see their created advertisements, as well as modify or delete them.

If a person wants to create an advertisement for providing services, they can select animals for which these services are intended and set different prices for different sizes of animals. For example, a person provides grooming services for dogs, and the price for grooming large dogs will be higher than for grooming small ones.

Next to the advertisement, the user's data who posted the advertisement is visible: username, phone number, email, so that the person interested in the advertisement can contact the user.

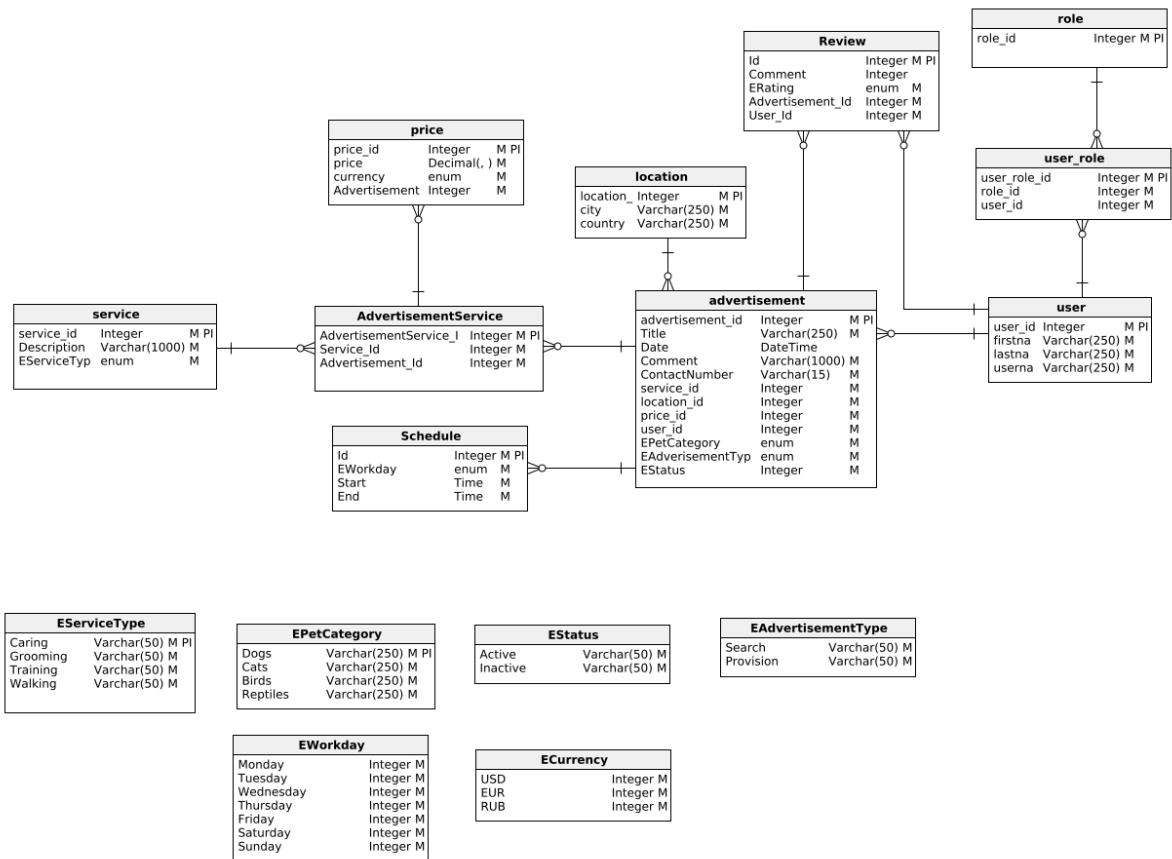Advertisement status: active, suspended. Suspended advertisements will not be visible to other people.
Service Category: care, pet sitting, pet accommodation, training
Types of animals: cats, dogs, birds, small animals, terrarium, aquarium
The list of advertisements can be filtered by types of animals and by service category.
There will also be the possibility to specify a range of suitable prices.

3. ERD

role

role_id	Integer M PI

Review

Id	Integer M PI
Comment	Integer
ERating	enum M
Advertisement_Id	Integer M
User_Id	Integer M

price

price_id	Integer M PI
price	Decimal(,) M
currency	enum M
Advertisement	Integer M

location

location_	Integer M PI
city	Varchar(250) M
country	Varchar(250) M

user_role

user_role_id	Integer M PI
role_id	Integer M
user_id	Integer M

service

service_id	Integer M PI
Description	Varchar(1000) M
EServiceTyp	enum M

AdvertisementService

AdvertisementService_I	Integer M PI
Service_Id	Integer M
Advertisement_Id	Integer M

advertisement

advertisement_id	Integer M PI
Title	Varchar(250) M
Date	DateTime
Comment	Varchar(1000) M
ContactNumber	Varchar(15) M
service_id	Integer M
location_id	Integer M
price_id	Integer M
user_id	Integer M
EPetCategory	enum M
EAdverisementTyp	enum M
EStatus	Integer M

user

user_id	Integer M PI
firstna	Varchar(250) M
lastna	Varchar(250) M
userna	Varchar(250) M

Schedule

Id	Integer M PI
EWorkday	enum M
Start	Time M
End	Time M

EServiceType

Caring	Varchar(50) M PI
Grooming	Varchar(50) M
Training	Varchar(50) M
Walking	Varchar(50) M

EPetCategory

Dogs	Varchar(250) M PI
Cats	Varchar(250) M
Birds	Varchar(250) M
Reptiles	Varchar(250) M

EStatus

Active	Varchar(50) M
Inactive	Varchar(50) M

EAdvertisementType

Search	Varchar(50) M
Provision	Varchar(50) M

EWorkday

Monday	Integer M
Tuesday	Integer M
Wednesday	Integer M
Thursday	Integer M
Friday	Integer M
Saturday	Integer M
Sunday	Integer M

ECurrency

USD	Integer M
EUR	Integer M
RUB	Integer M

Vertabelo

4. User Interface

filter | sort

cats	care		username
Title			telephone
Description			e-mail
Price		City	

dogs	training		username
Title			telephone
Description			e-mail
Price		City	

Advertisements   log out

First name Last name

username

Your advertisements:

Title		active
Description		
Price	City	edit