Pet Salon Appointment Booking System

Ayoola Ayetigbo (444421)
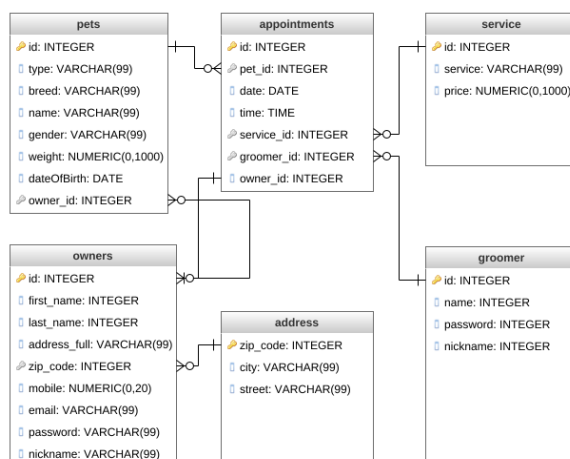
Nomin Batbayar (442627)

Introduction

In this project, we have done a booking web application that allows pet owners to make an appointment at a pet salon. This web application will make booking appointments more efficient and time-saving both for customers and pet salon. Each owner should have an account that allows them to register their pets and book an appointment for each of them.

Database Scheme

For the database, we used the SQLITE database and our database is designed with the following scheme.
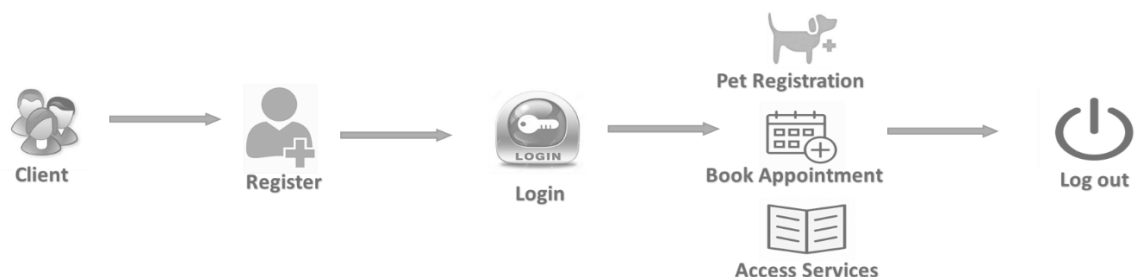
Figure 1. Database Scheme

We have 6 tables. The owner table contains owners' data and nicknames and passwords for them to log in to the system. The address table is the city and street description of owners' address. The pet table contains pets' data. In the pet table, we have the owner's id, which will allow us to identify which pet is for which owners. We also have a table for all groomers and service of the pet salon. Lastly, we have an appointment table with successfully booked appointments.

User manual

With our website, owners can create an account to become a client. In order to book an appointment, owners/clients need to register their pets. After the pet registration owners can book an appointment using the "Appointment booking" tab. Also, owners can check the grooming service and prices. Owners can see their history of appointments.

Figure 2. User journey

Before owners are authenticated. They will only see "Login" or "Sign up" pages.

Figure 3. Sign Up and login page

And after they successfully create an account or log in, they will be redirected to the home page. From there they will be able to access the rest of the pages.

Figure 4. Home page

Figure 5. Pet registration

Figure 6. Appointment booking

SQL queries

We are displaying few tables in our website.

Figure 7. History of appointments

Your appointments

Pet name	Pet breed	Service	Groomer	Date	Time
Joe	domestic	Full grooming - small animal	Groomer Nomin	2022-01-19	9
Milo	Golden retreiver	Bathing - medium	Groomer Nomin	2022-01-20	9
Gunj	Street mix	Full grooming - small animal	Groomer Nomin	2022-01-19	9
Gunj	Street mix	Full grooming - small animal	Groomer Ayo	2022-01-12	15

select appointment.id as id, appointment.date as date, appointment.time as time, owner.nickname as owner, pet.name as pet, service.service as service, groomer.name as groomer from appointment
left outer join owner on appointment.owner_id=owner.id
left outer join pet on appointment.pet_id=pet.id
left outer join service on appointment.service_id=service.id
left outer join groomer on appointment.groomer_id=groomer.id

Figure 8.Select top 3 owner based on the total appointments

Top 3 owners by number of appointments

Owner name	Number of Appointment
Nomin	4
Ayo	4
Sugarbayar	2

select Owner.first_name as fist_name, count(Appointment.id) as count from Appointment
inner join Owner on Appointment.owner_id=Owner.id
group by Owner.first_name
order by count(Appointment.id) desc
limit 3

Figure 9. Select top 3 owner based on the number of pets

Top 3 owners by number of pets

Owner name	Number of pets
Sugarbayar	5
Nomin	4
Ayo	4

select Owner.first_name as fist_name, count(Pet.id) as count from Pet
inner join Owner on Pet.owner_id=Owner.id
group by Owner.first_name
order by count(Pet.id) desc
limit 3

Figure 10. Show total number of appointments daily

Daily appointments

Date	Appointments
2022-01-12	1
2022-01-19	2
2022-01-20	1
2022-01-26	1
2022-01-27	2
2022-01-28	2
2022-01-29	2
2022-01-30	1
2022-01-31	1

select date as date, count(id) as count from Appointment
group by date
order by date asc

All pets

Pet type	Count
Dog	8
Cat	5
dog	2
Rabbit	1
Hamster	1

Select type, count(id) as count from Pet
group by type
order by count(id) desc

Distribution of work

Type of work	Part	Responsible person
Coding	Login, Signup, Base template, Service and price pages	Ayoola
	Pet registration, Appointment booking, Appointment history, Dashboard pages	Nomin
Report		Nomin
Presentation		**Ayoola**