



PAWPALS

PawPals Connect: Bridging Hearts for Pet Adoptions

Background of the Study

Pet adoption is important for the welfare of animals and to establish meaningful connections between pets and individuals or families. Nowadays, digital platforms have become a crucial tool for facilitating pet adoptions, offering innovative solutions to connect potential adopters with pets that are in need of loving homes.

PawPals Connect: Bringing hearts for pet adoption is a modern mobile application that aims to streamline and enhance the pet adoption process. The app recognizes the changing dynamics of the adoption landscape and seeks to bridge the gap between pet adopters and providers through an interactive and user-friendly interface.

Statement of the Problem

Despite the growing awareness of the importance of pet adoption, several challenges persist in the traditional adoption process. These challenges include limited access to information about available pets, inefficient communication between adopters and providers, and the absence of a centralized platform that caters to the diverse needs of both parties involved.

In light of these challenges, PawPals Connect aims to address the following key issues:

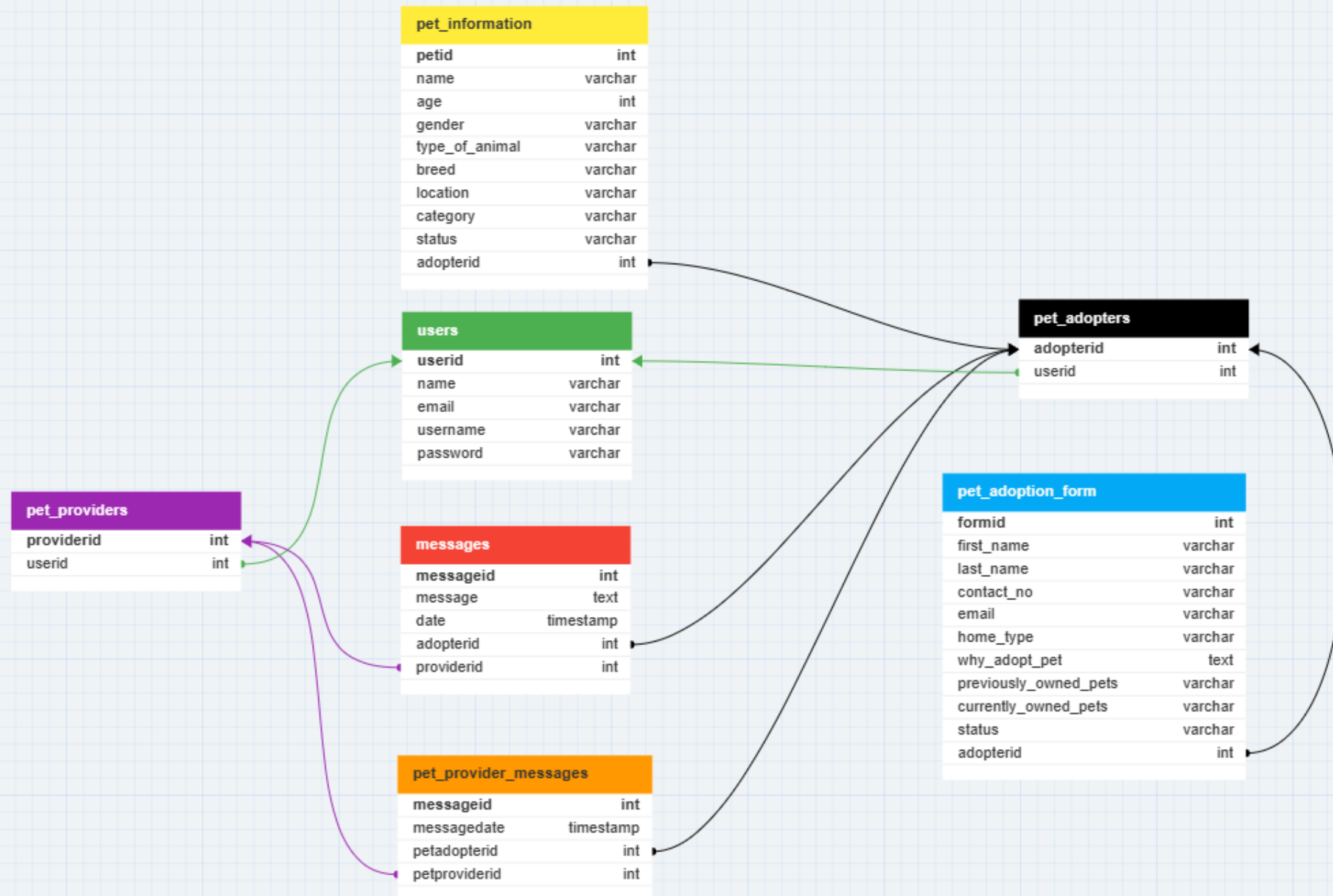
1. Limited Access to Pet Information: Traditional adoption methods may restrict access to comprehensive information about available pets, hindering the ability of potential adopters to make informed decisions.
2. Inefficient Communication: The lack of efficient communication channels between pet adopters and providers can lead to delays and miscommunication, impacting the overall adoption experience.

Statement of the Problem

3. **Fragmented Adoption Process:** The absence of a unified platform with tailored interfaces for different user roles (pet adopters and providers) contributes to a fragmented adoption process, potentially leading to missed connections.
4. **Lack of User-Friendly Features:** Existing platforms may lack user-friendly features that cater to the specific needs of both pet adopters and providers, making the adoption process less engaging and accessible.
5. **Privacy and Security Concerns:** Without a well-designed and secure platform, privacy and security concerns may arise, deterring users from actively participating in the adoption process.

PawPals Connect seeks to overcome these challenges by providing a comprehensive, intuitive, and secure platform that fosters meaningful connections between pet adopters and providers. Through distinct interfaces for each user role, tailored menus, and innovative features such as swiping (similar to popular dating apps) and responsive forms, the application endeavors to revolutionize the pet adoption experience and promote the wellbeing of animals in need.

Database Schema



Opening the Application



Log In



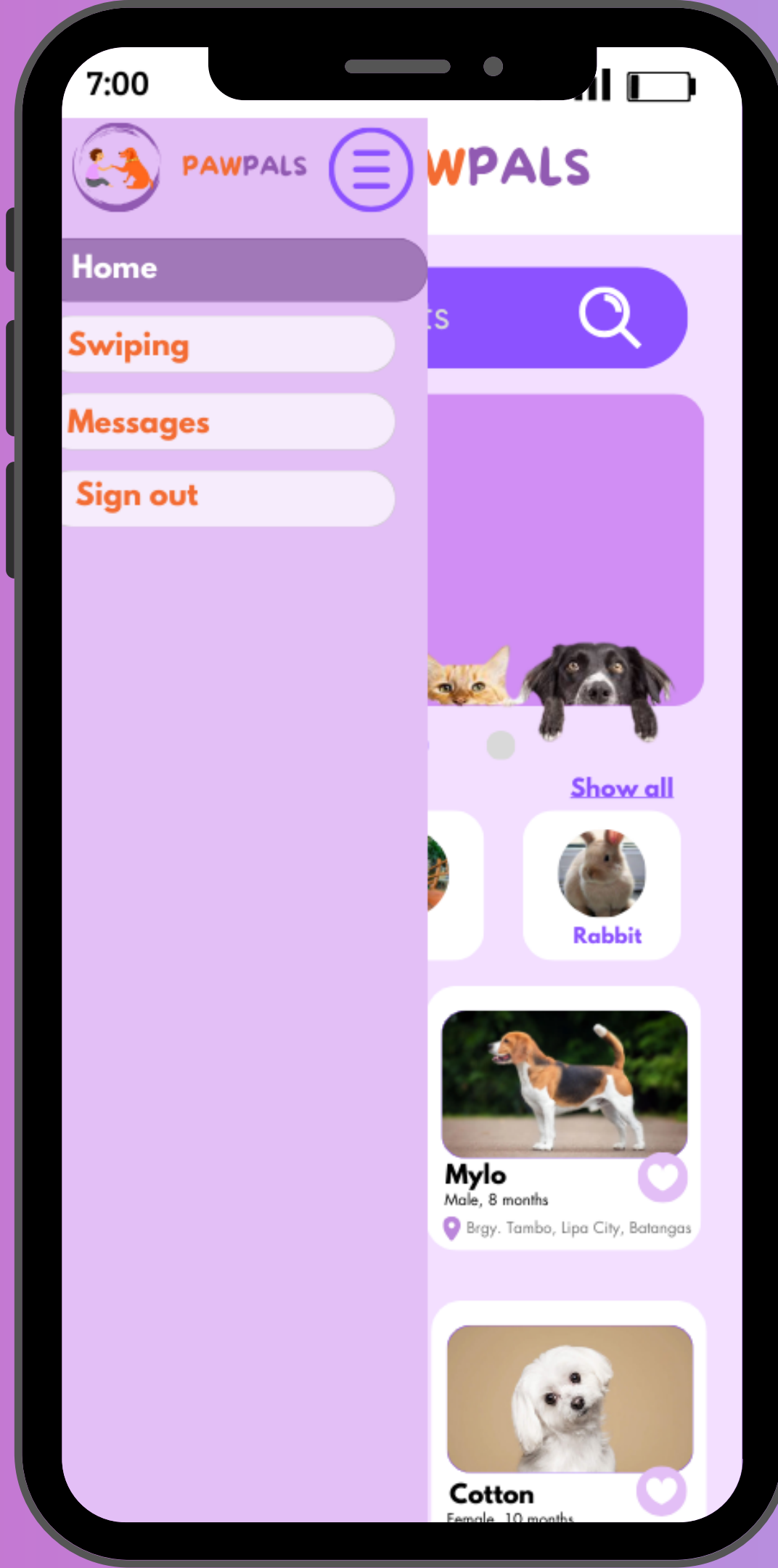
Log in as Pet Adopter



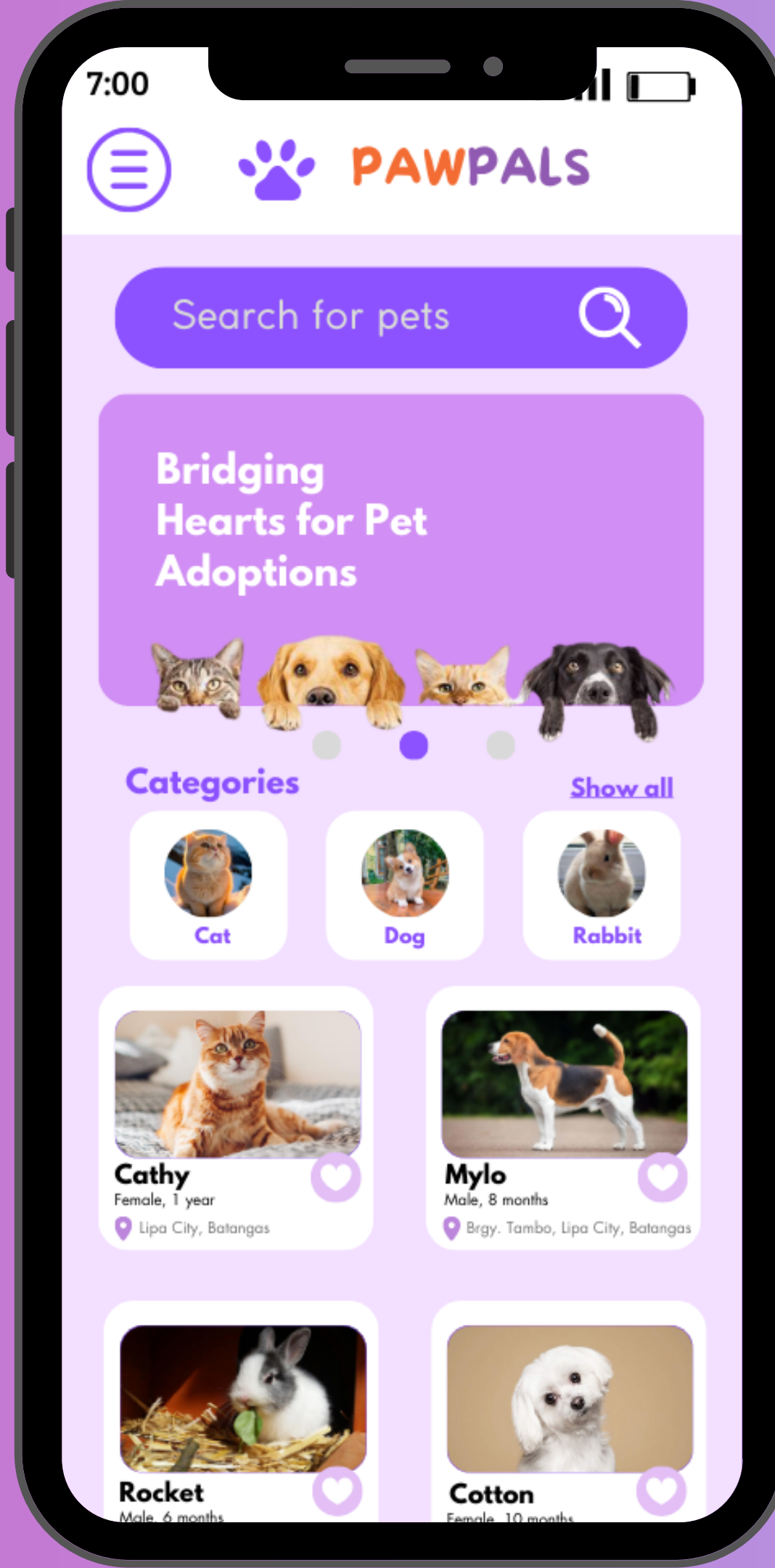
Query:

```
SELECT adopterid, name,  
email  
FROM pet_adopters  
WHERE (email =  
email.TextBox.Text OR  
username =  
username.TextBox.Text)  
AND password =  
password.TextBox.Text;
```


Menu



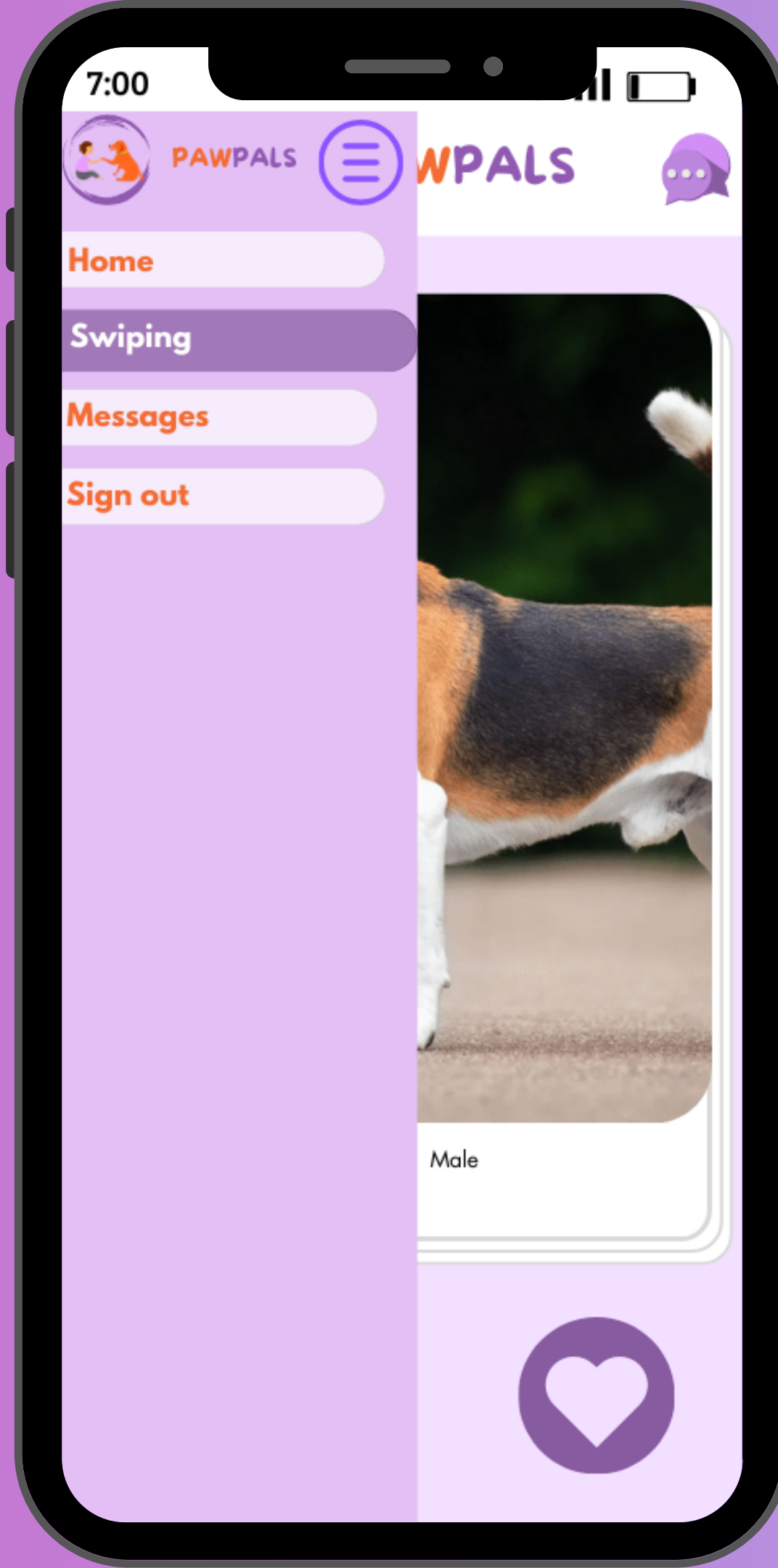
Home



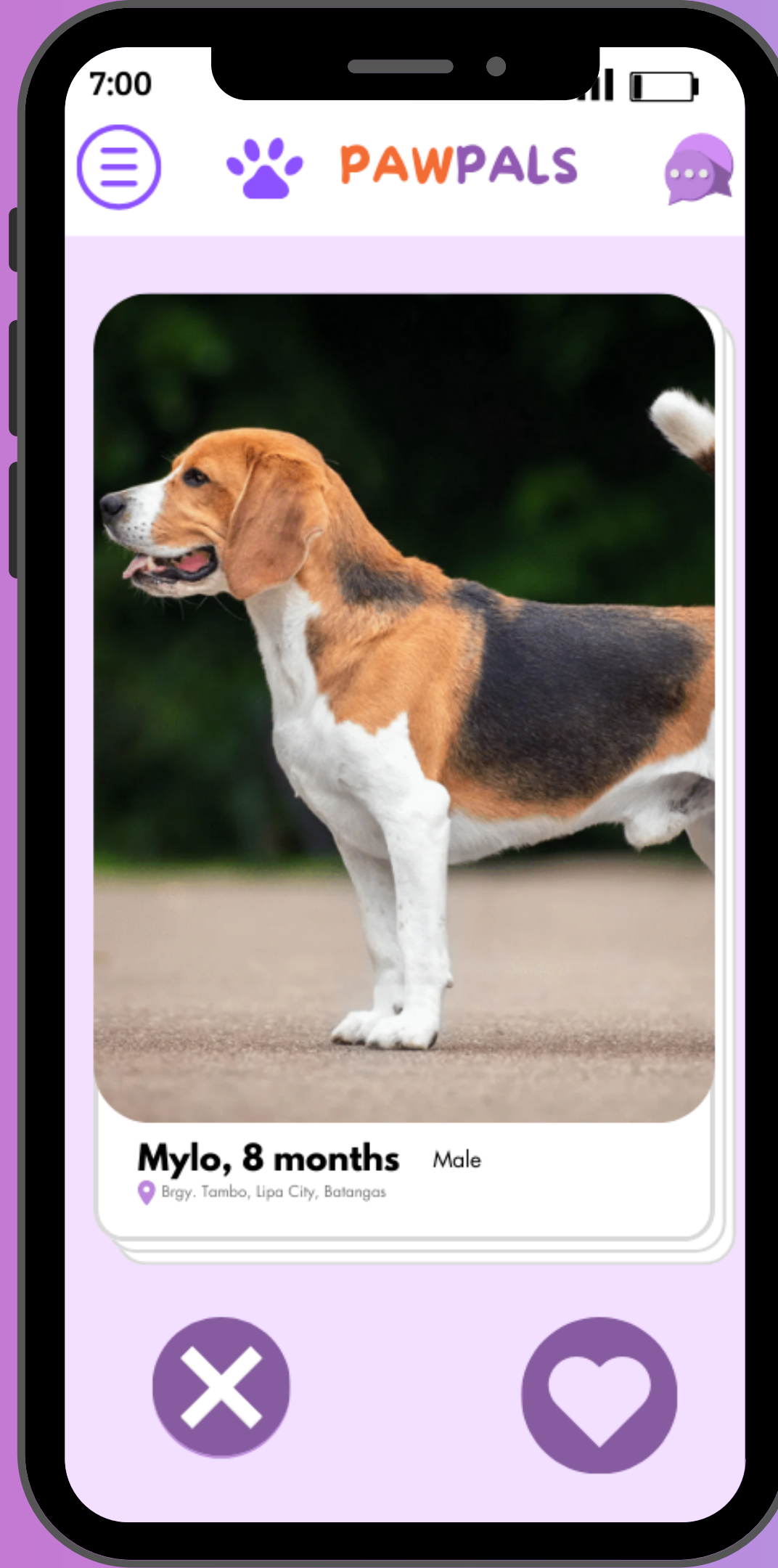
Profile



Menu



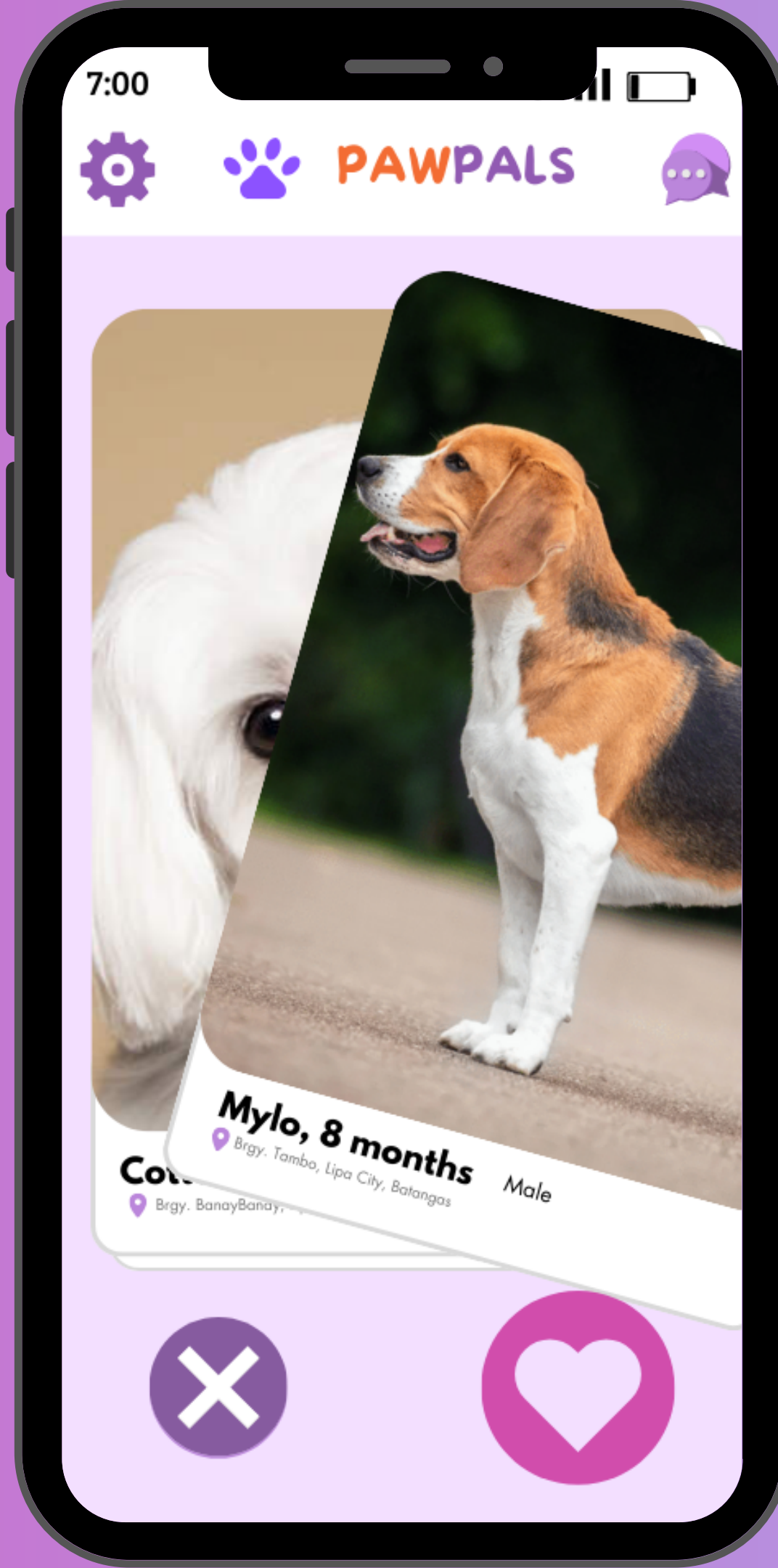
Swiping



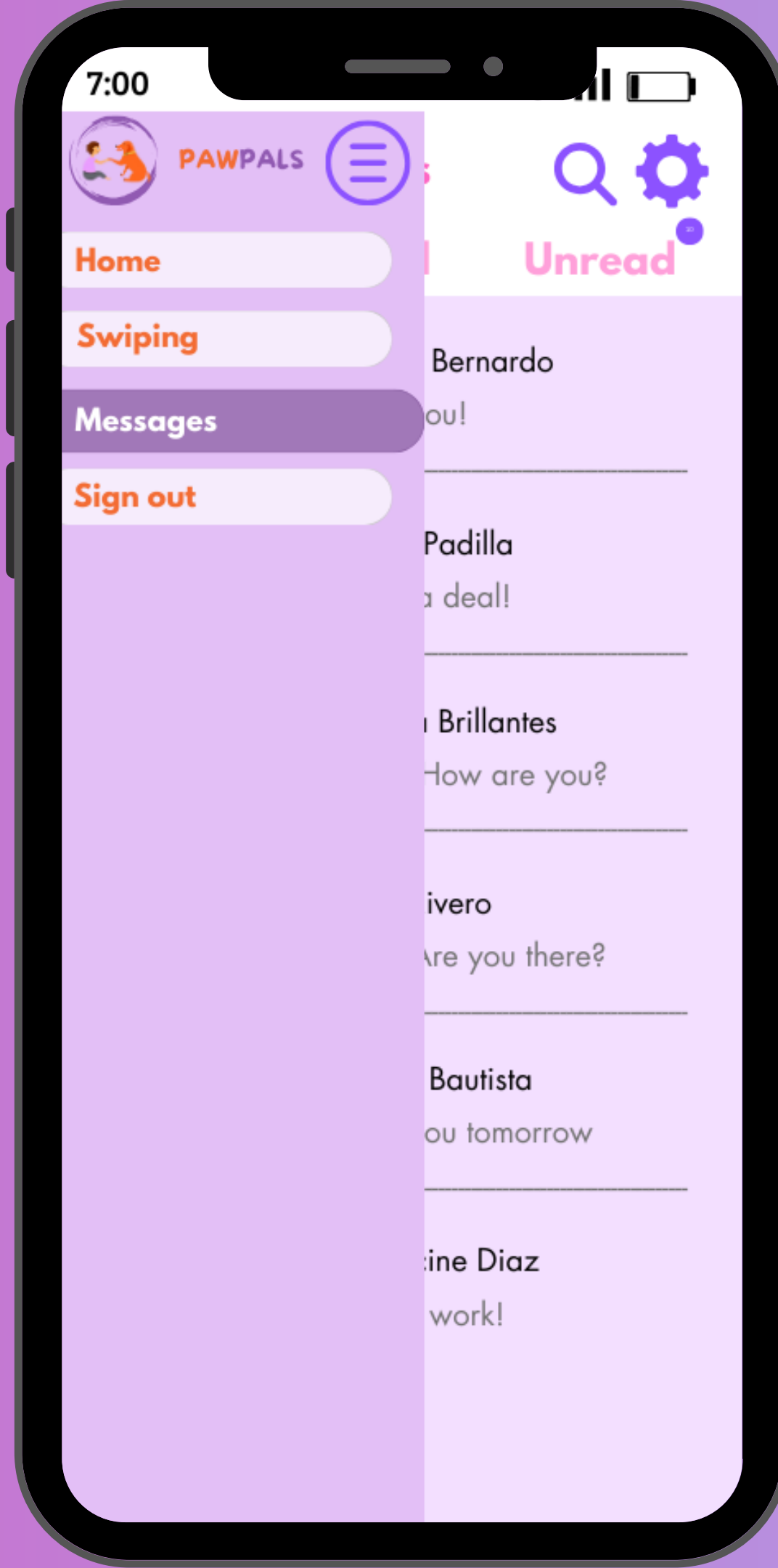
Query:

```
SELECT * FROM  
pet_information  
WHERE category = 'Dog';
```

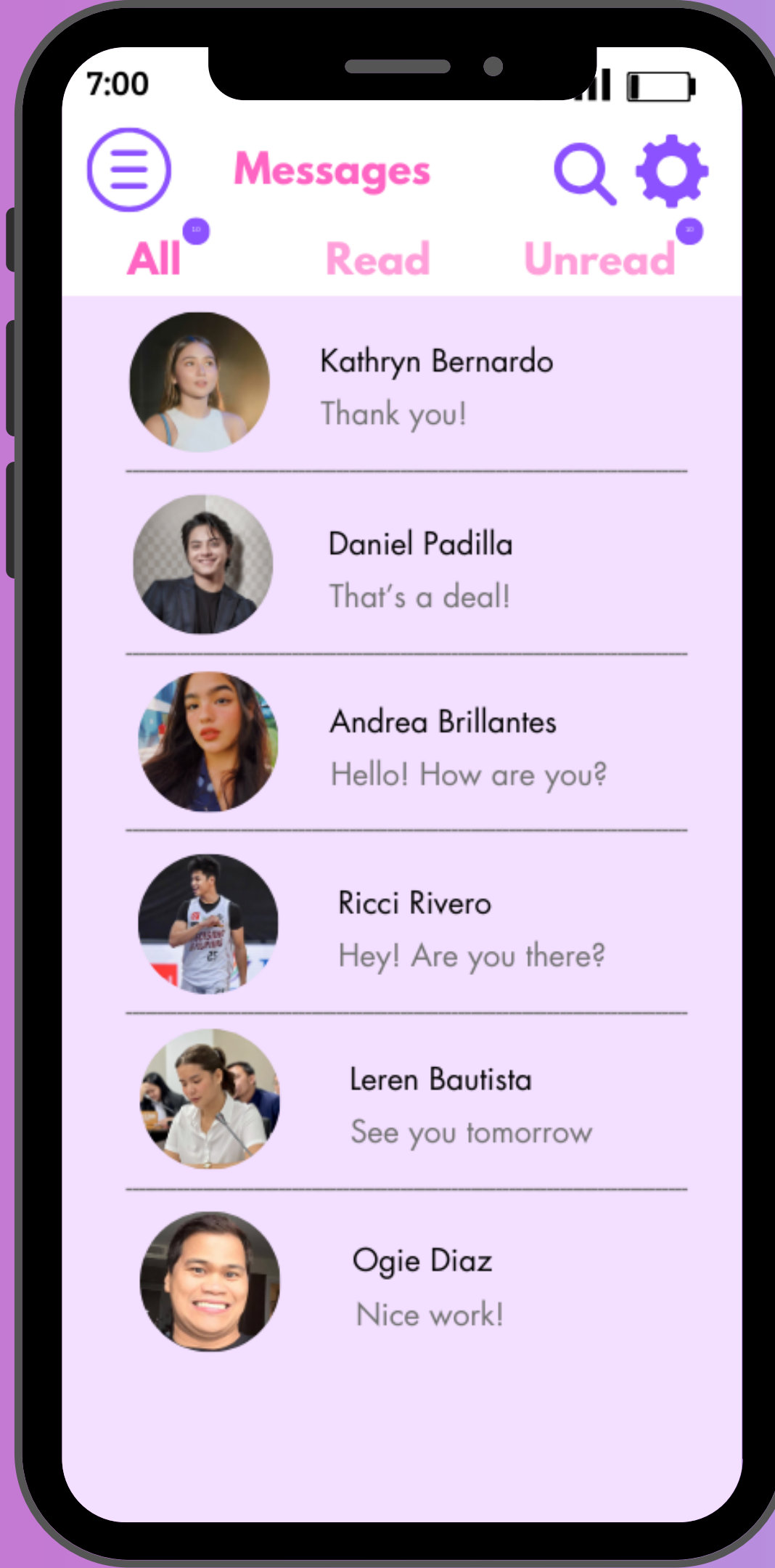

Swiping



Menu



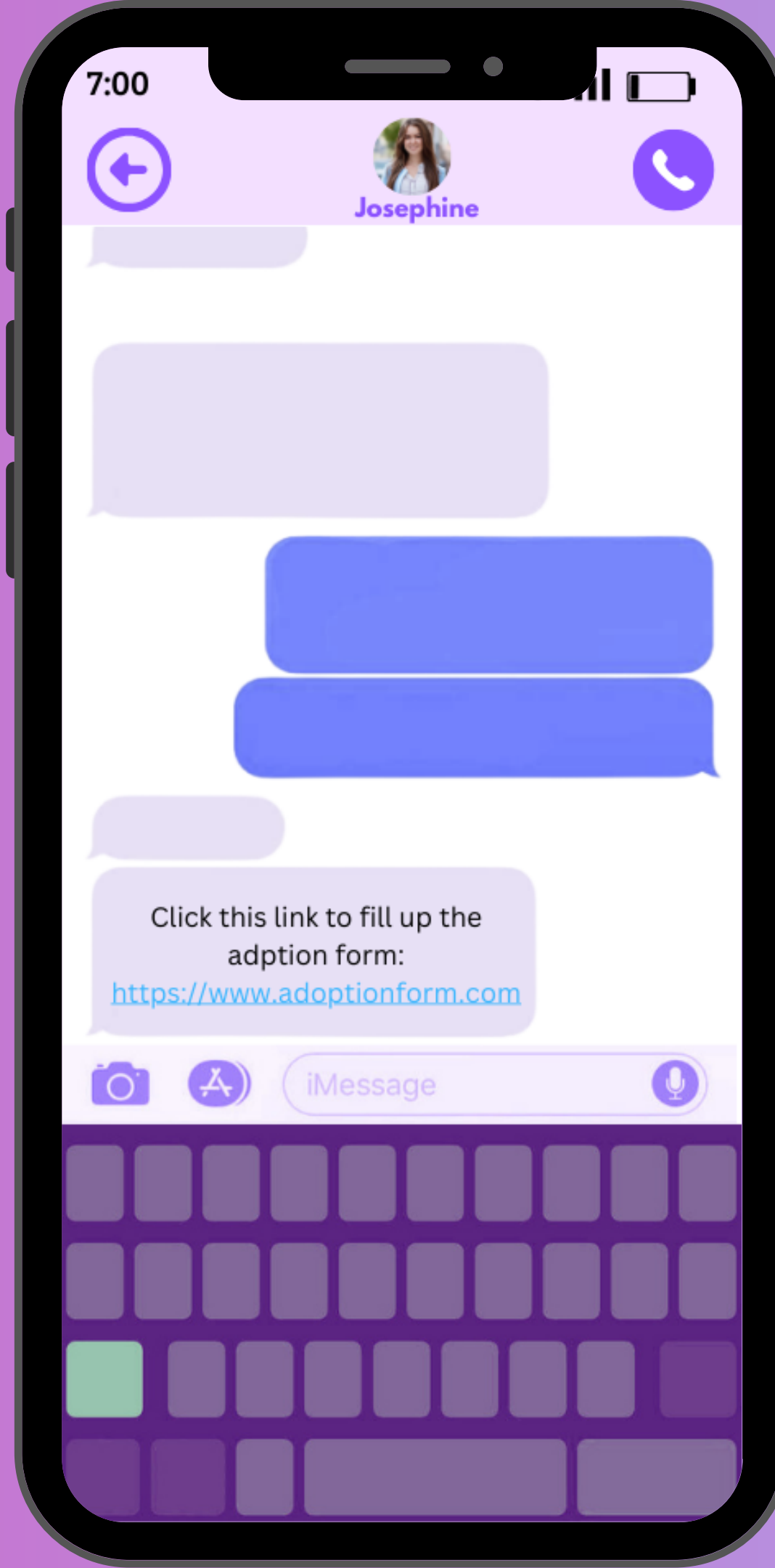
Pet Adopter Messages



Query:

```
SELECT pa.name AS
Adopter, pp.name AS
Provider, m.message,
m.date AS Date
FROM pet_adopters pa
JOIN messages m ON
pa.adopterid =
m.adopterid
JOIN pet_providers pp ON
pp.providerid =
m.providerid
ORDER BY m.date DESC;
```

Messages



Query:

```
SELECT * FROM
PetProviderMessages
JOIN PetAdopters ON
PetProviderMessages.petadopterid = PetAdopters.petadopterid
JOIN PetProviders ON
PetProviderMessages.petproviderid = PetProviders.petproviderid
WHERE petadopterid =
'varpetadopterid' AND
petproviderid =
'varpetproviderid'
ORDER BY messagedate DESC;
```

Adoption Form

7:00

←

Adoption Form

Your Contact Information

First Name

Last Name

Address

Contact no.

Email

Your Home

What kind of housing do you live in?

☐ Apartment

☐ House

☐ Others: _____

General Information

Why do you want to adopt this pet?

☐ Companion for a child

☐ Security

☐ Companion for a pet

☐ House pet

☐ Companion for self

☐ Breeding

☐ Service animal

☐ Others: _____

Have you previously own pets?

☐ Yes

☐ No

Please list any animals you have currently or have had in the past 5 years

I hearby agree to adopt the animals and take good care of them

Signature

Submit

Pet Name

Breed

Age/Sex

Approved

Date

Query:

```
INSERT INTO pet_adoption_form
(first_name, last_name,
contact_no, email, home_type,
why_adopt_pet,
previously_owned_pets,
currently_owned_pets)
VALUES ('Christine',
'Mendoza', 09847549352,
'cm123@gmail.com', 'house',
'companion for child', yes,
'dog, cat');
```

Adoption Form

7:00

←

Adoption Form

Your Contact Information

First Name

Last Name

Address

Contact no.

Email

Your Home

What kind of housing do you live in?

☐ Apartment

☐ House

☐ Others: _____

General Information

Why do you want to adopt this pet?

☐ Companion for a child☐ Security

☐ Companion for a pet☐ House pet

☐ Companion for self☐ Breeding

☐ Service animal☐ Others: _____

Have you previously own pets?

☐ Yes

☐ No

Please list any animals you have currently or have had in the past 5 years

I hearby agree to adopt the animals and take good care of them

Signature

Pet Name

Breed

Age/Sex

Approved

Date


Submit

Query:

```
SELECT *
FROM pet_adoption_form
WHERE first_name =
'Christine'
      AND last_name =
'Mendoza';
```

Adoption Form

7:00

Adoption Form

Your Contact Information

First Name

Last Name

Address

Contact no.

Email

Your Home

What kind of housing do you live in?

☐ Apartment

☐ House

☐ Others: _____

General Information

Why do you want to adopt this pet?

☐ Companion for a child

☐ Security

☐ Companion for a pet

☐ House pet

☐ Companion for self

☐ Breeding

☐ Service animal

☐ Others: _____

Have you previously own pets? ☐ Yes ☐ No

Please list any animals you have currently or have had in the past 5 years

I hearby agree to adopt the animals
and take good care of them

Signature

Pet Name

Breed

Age/Sex

Approved

Date

Submit

Query:

```
UPDATE pet_adoption_form
SET first_name = 'Alliah',
last_name = 'Laylo',
contact_no = 09123408612,
email = 'liah123@gmail.com',
home_type = 'apartment',
why_adopt_pet = 'companion
for self',
previously_owned_pets =
'no', currently_owned_pets =
'rabbit'
WHERE id = 1;
```

Adoption Form

7:00

←

Adoption Form

Your Contact Information

First Name

Last Name

Address

Contact no.

Email

Your Home

What kind of housing do you live in?

☐ Apartment

☐ House

☐ Others: _____

General Information

Why do you want to adopt this pet?

☐ Companion for a child

☐ Security

☐ Companion for a pet

☐ House pet

☐ Companion for self

☐ Breeding

☐ Service animal

☐ Others: _____

Have you previously own pets?

☐ Yes

☐ No

Please list any animals you have currently or have had in the past 5 years

I hearby agree to adopt the animals and take good care of them

Signature

Pet Name

Breed

Age/Sex

Approved

Date

Submit

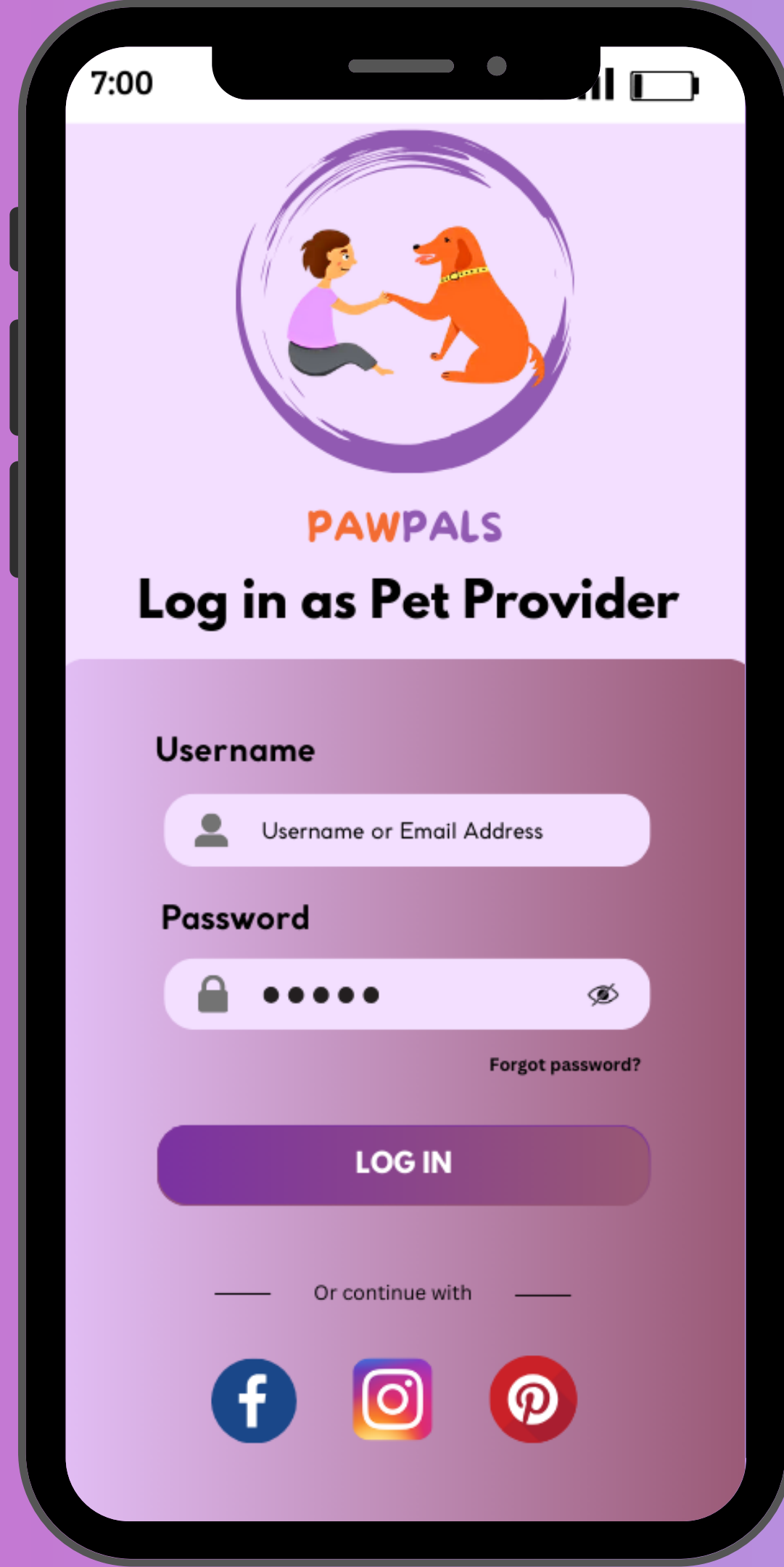
Query:

```
DELETE FROM
pet_adoption_form WHERE id
= 1;
```

Log in



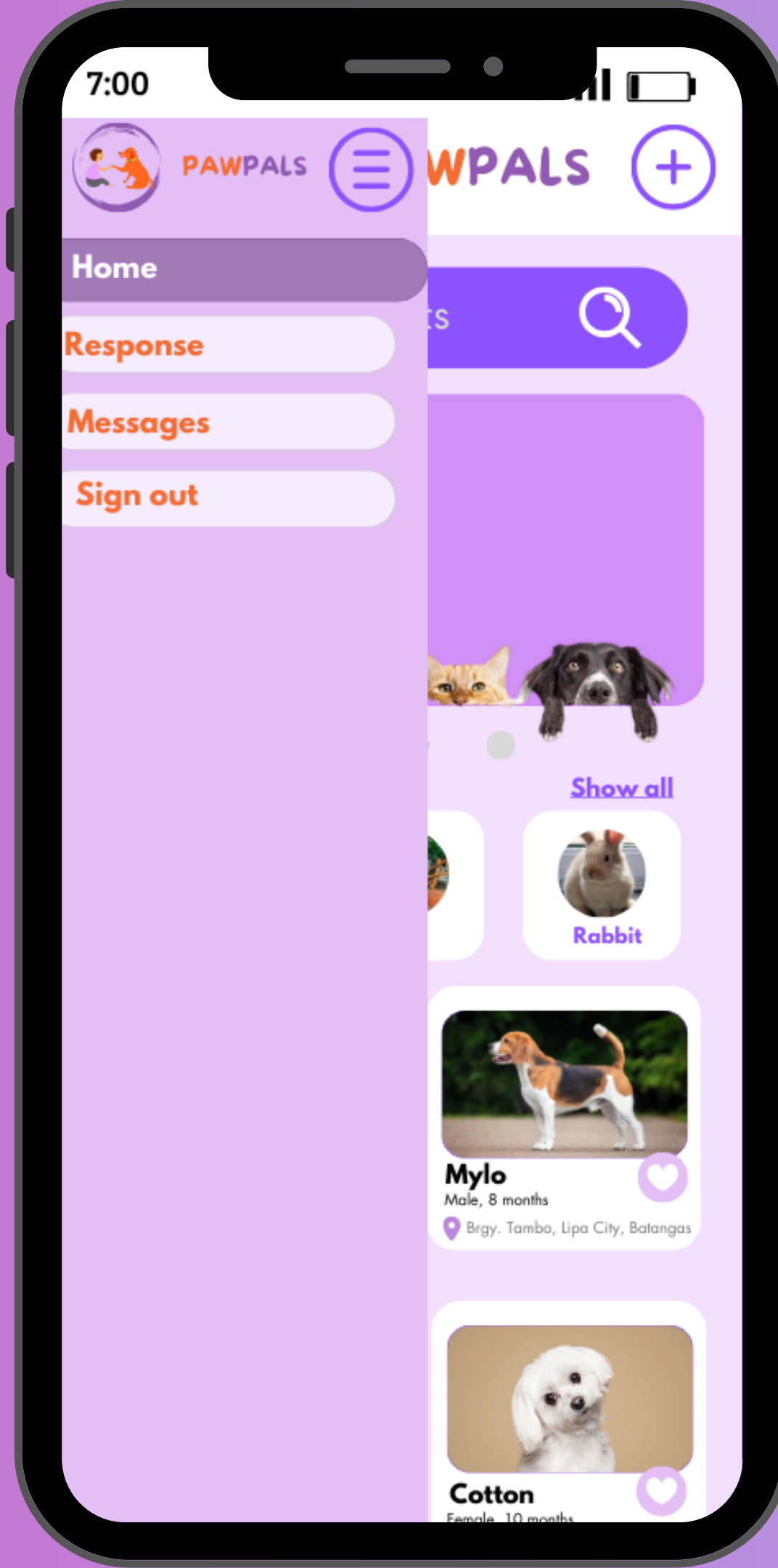
Log in as Pet Provider



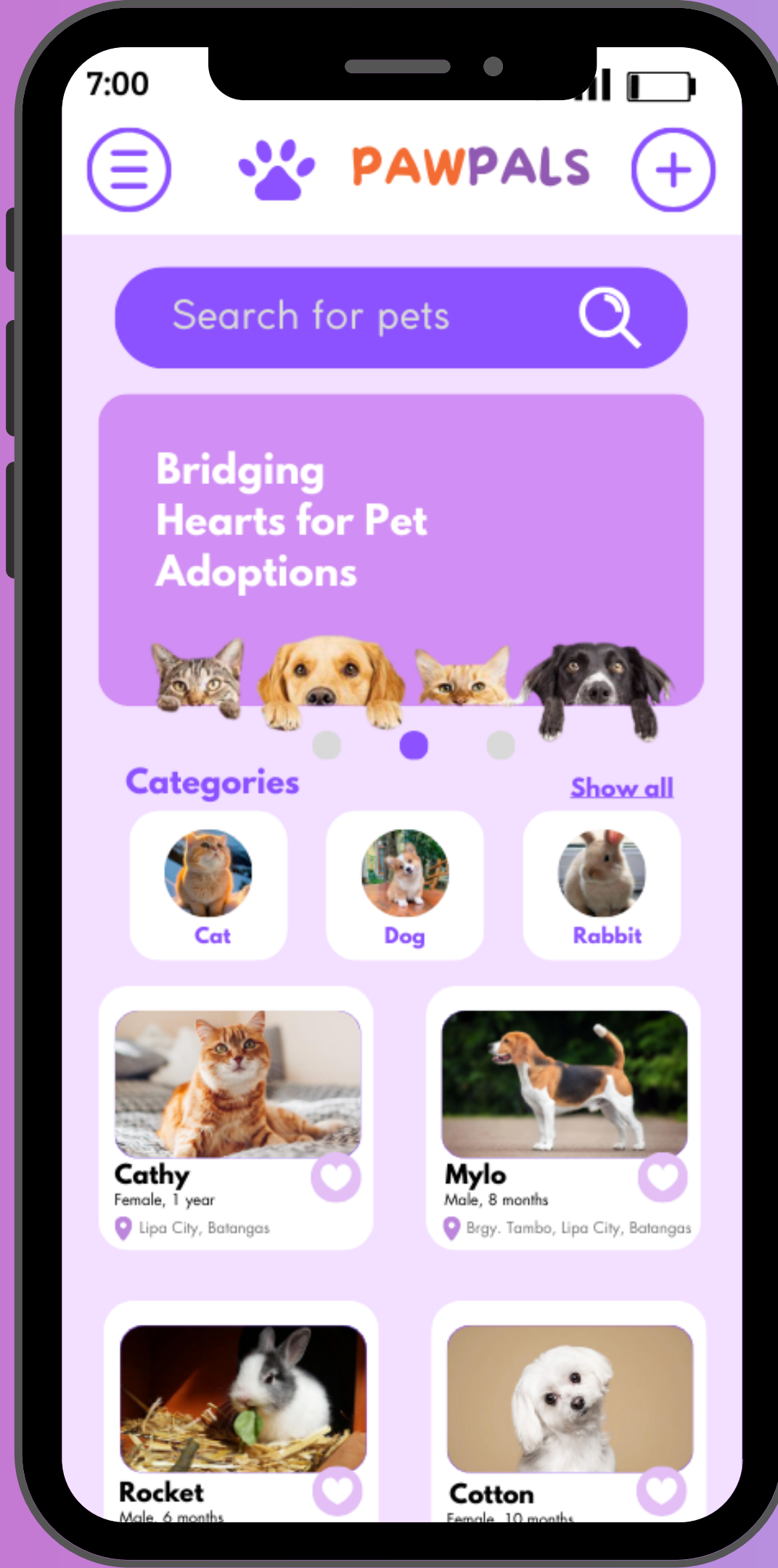
Query:

```
SELECT providerid, name,  
email  
FROM pet_provider  
WHERE (email =  
email.TextBox.Text OR  
username =  
username.TextBox.Text) AND  
password =  
password.TextBox.Text;
```

Menu





Home



Pet Information

7:00



Pet Information

Name

Mingming

Age

6 months

Gender

Male ▼

Type of Animal

Cat

Breed

Tabby Cat ▼



Location

Rosario, Batangas

Pet Description

Type description here

Attach Image:





POST

Query:

```
INSERT INTO pet_information
(name, age, gender,
type_of_animal, breed,
location)
VALUES ('Mingming', 6,
'Male', 'Cat', 'Tabby Cat',
'Rosario, Batangas');
```

Pet Information

7:00



Pet Information

Name

Mingming

Age

6 months

Gender

Male ▼

Type of Animal

Cat

Breed

Tabby Cat ▼




Location

Rosario, Batangas

Pet Description

Type description here

Attach Image:



POST

Query:

```
SELECT COUNT(*) AS  
total_pets  
FROM pet_information  
WHERE type_of_animal =  
'Cat';
```

Pet Information

7:00



Pet Information

Name

Mingming

Age

6 months

Gender

Male ▼

Type of Animal

Cat

Breed

Tabby Cat ▼




Location

Rosario, Batangas

Pet Description

Type description here

Attach Image:





POST

Query:

```
SELECT * FROM  
pet_information WHERE  
name = 'Mingming';
```

Pet Information

7:00



Pet Information

Name

Mingming

Age

6 months

Gender

Male ▼

Type of Animal

Cat

Breed

Tabby Cat ▼


Location

Rosario, Batangas

Pet Description

Type description here

Attach Image:




POST

Query :

```
UPDATE pet_information  
SET breed = 'Maine  
Coon' WHERE name =  
'Mingming';
```


Pet Information

7:00



Pet Information

Name

Mingming

Age

6 months

Gender

Male ▼

Type of Animal

Cat

Breed

Tabby Cat ▼


Location

Rosario, Batangas

Pet Description

Type description here

Attach Image:

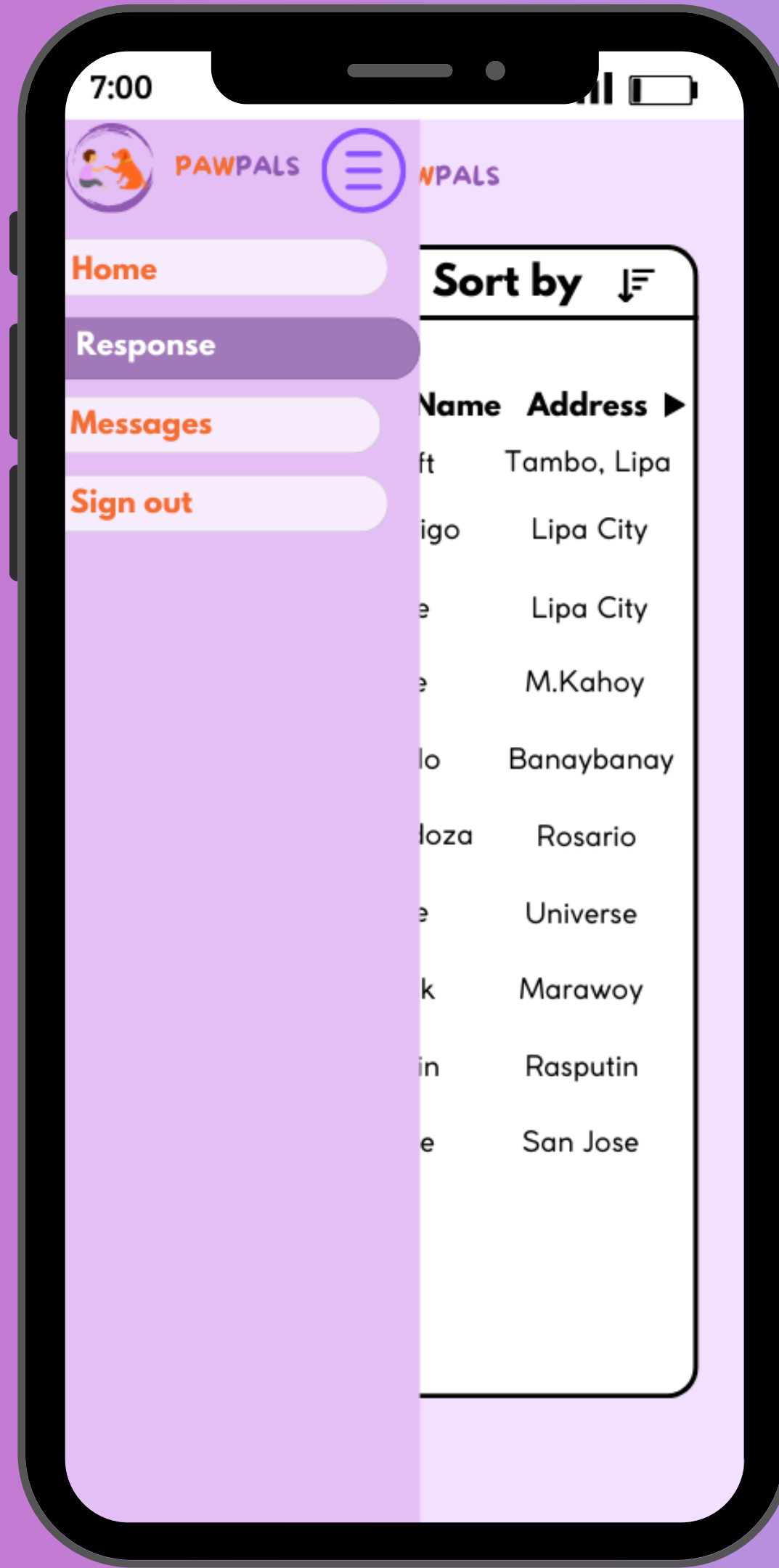


POST

Query:

```
DELETE FROM  
pet_information WHERE name  
= 'Mingming';
```

Menu



Responses

7:00

PAWPALS

All

Sort by

◀

First Name

Last Name

Address

▶

Taylor

Swift

Tambo, Lipa

Olivia

Rodrigo

Lipa City

John

Doe

Lipa City

Chanty

Bue

M.Kahoy

Alliah

Laylo

Banaybanay

Christine

Mendoza

Rosario

Michelle

Dee

Universe

Elon

Musk

Marawoy

Vladimir

Putin

Rasputin

Andrew

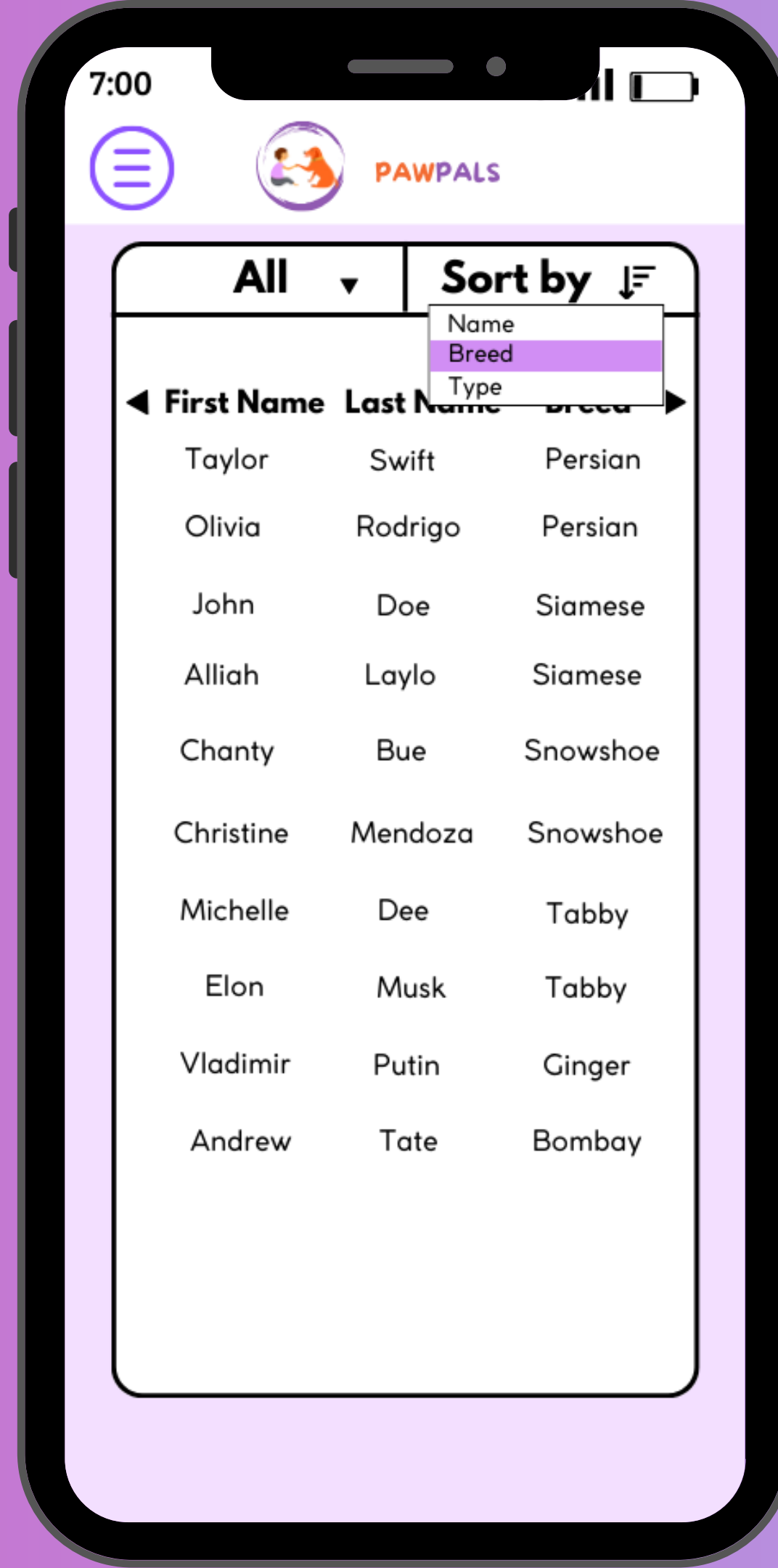
Tate

San Jose

Query:

```
SELECT *  
FROM pet_adoption_form
```

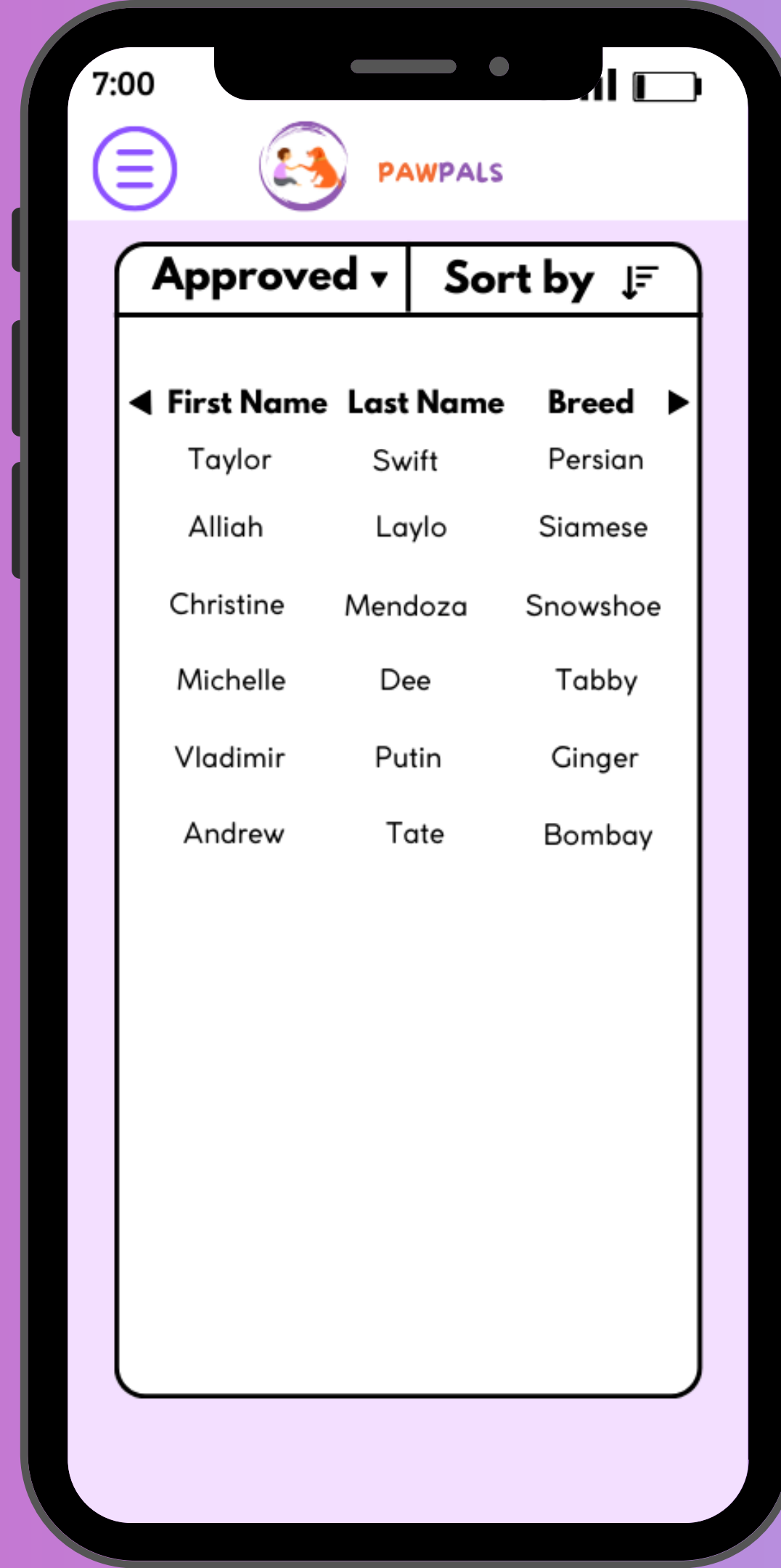
Responses



Query:

```
SELECT * FROM  
pet_adoption_form  
ORDER BY breed DESC;
```

Responses

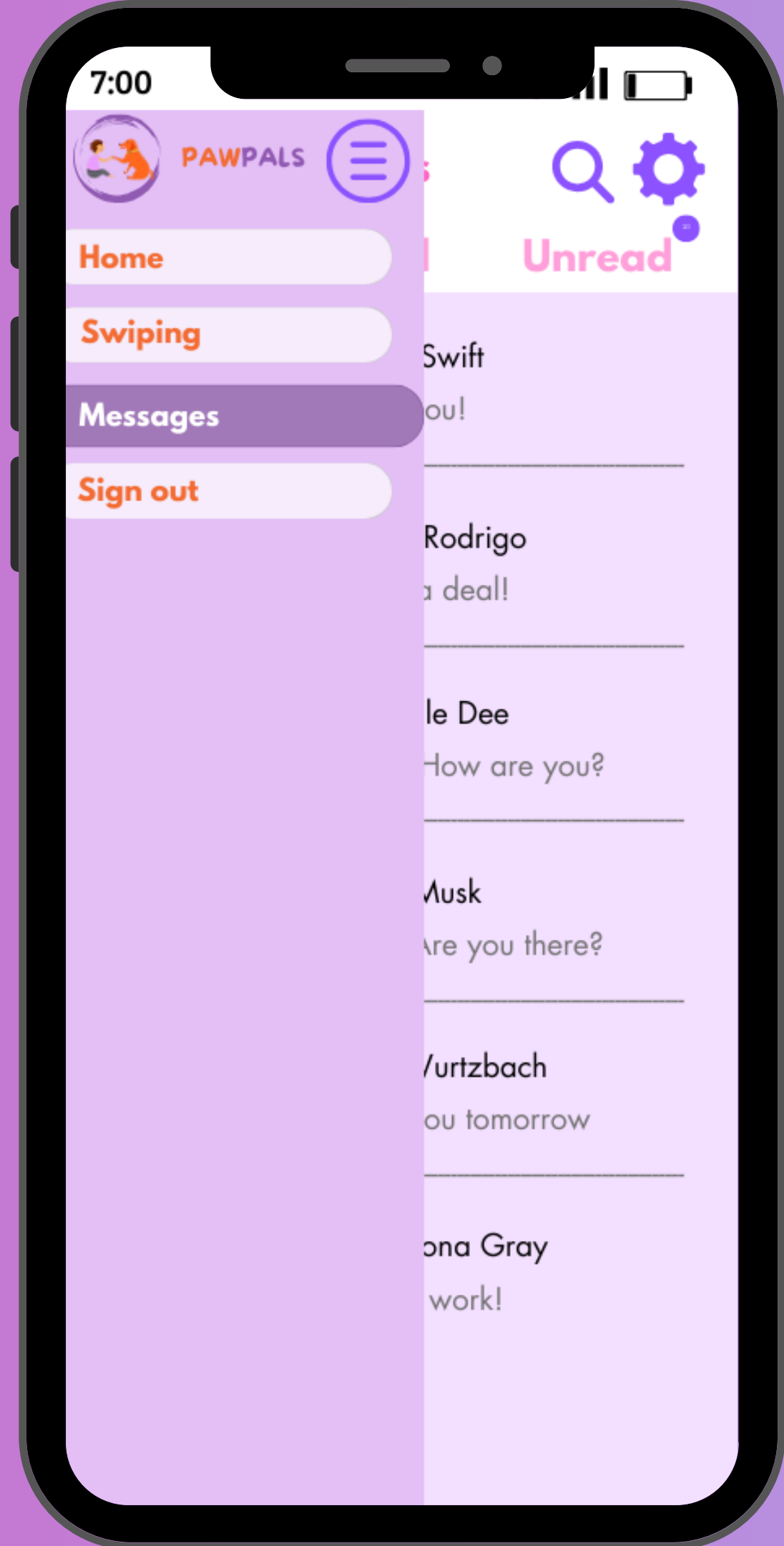


Approved ▾		Sort by ⌵
◀ First Name	Last Name	Breed ▶
Taylor	Swift	Persian
Alliah	Laylo	Siamese
Christine	Mendoza	Snowshoe
Michelle	Dee	Tabby
Vladimir	Putin	Ginger
Andrew	Tate	Bombay

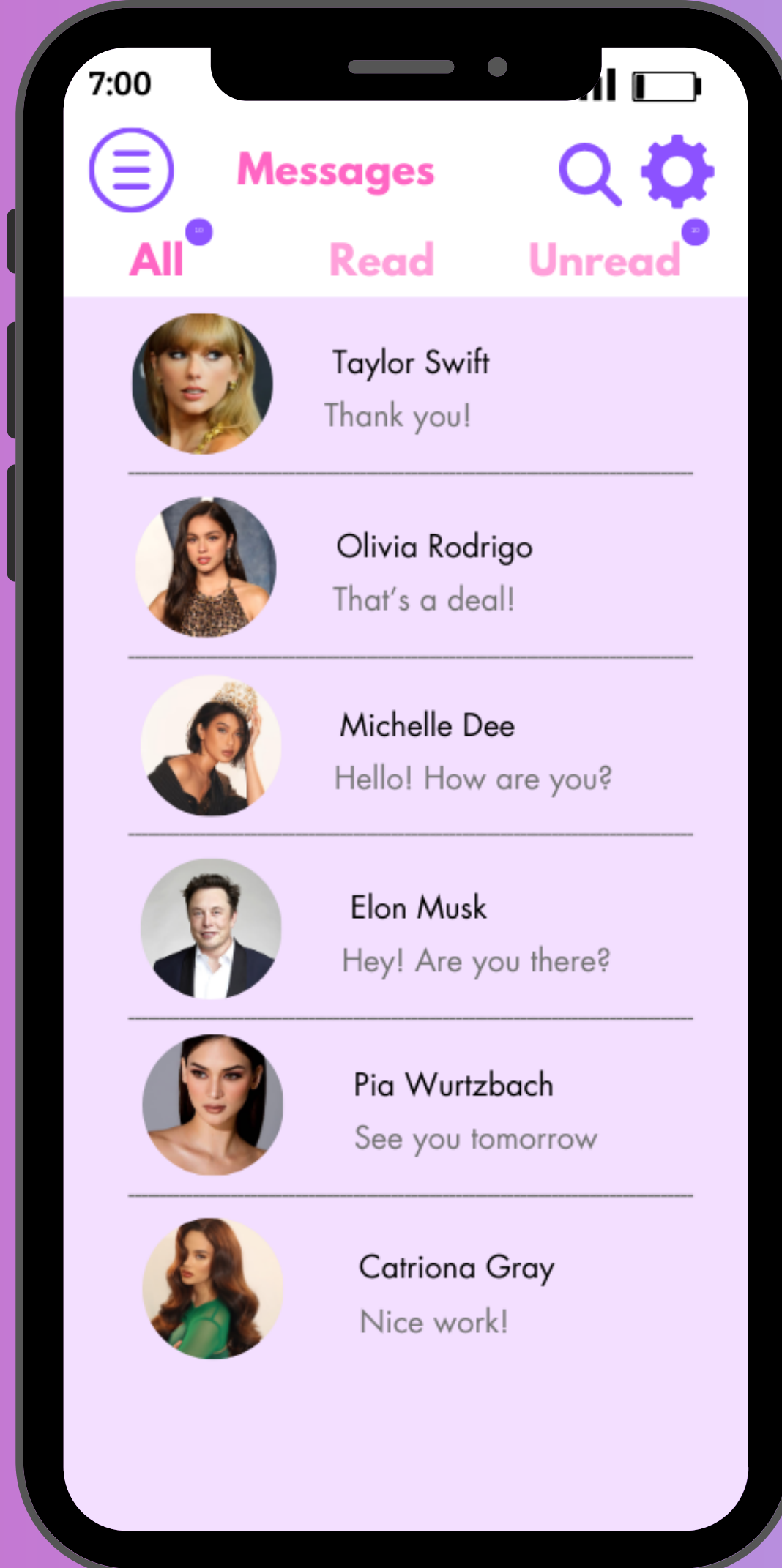
Query:

```
SELECT *  
FROM pet_adoption_form  
WHERE status = 'Approved'
```

Menu



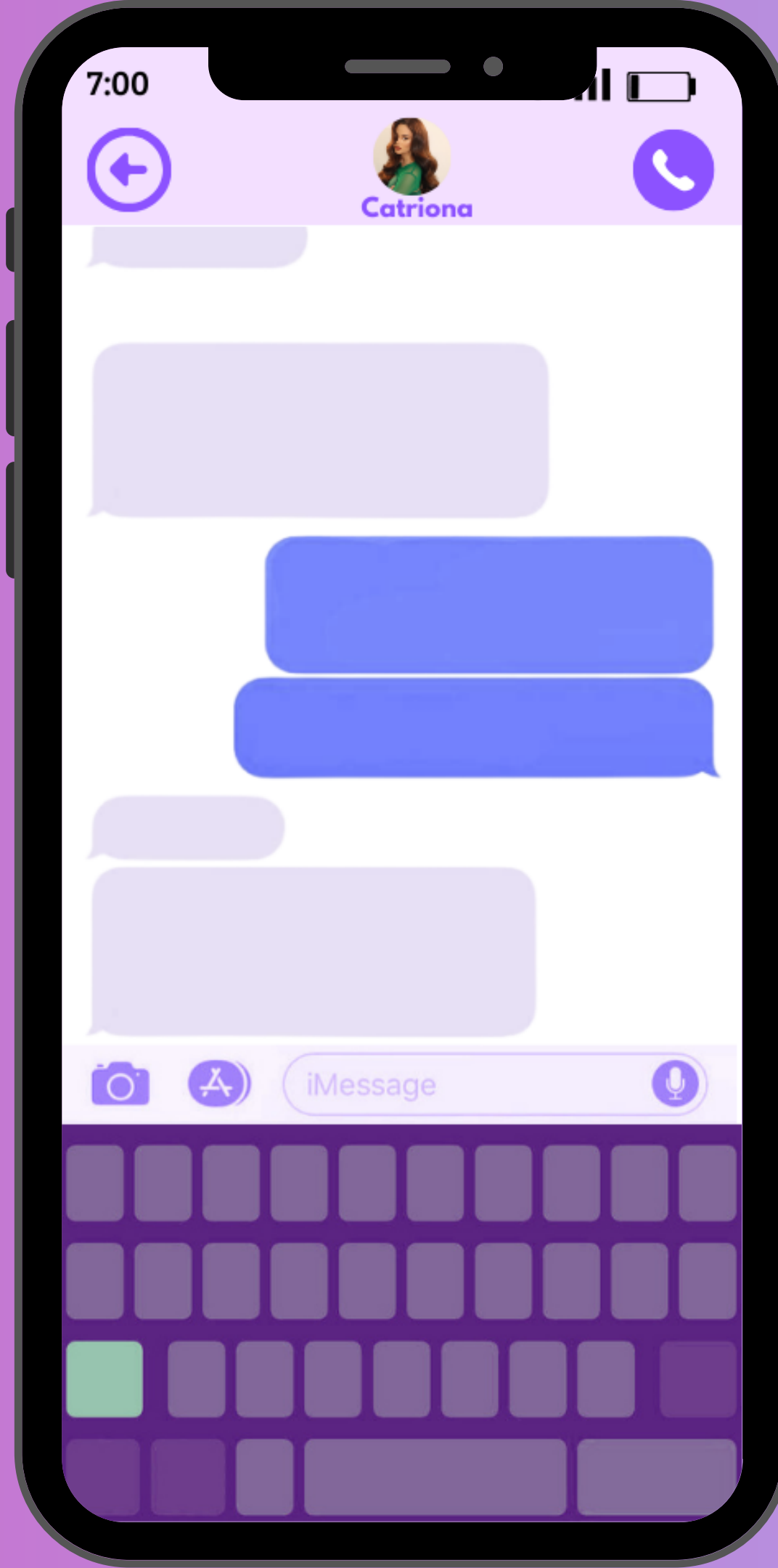
Messages



Query:

```
SELECT pa.name AS Adopter,  
       pp.name AS Provider, m.message,  
       m.date AS Date  
FROM pet_adopters pa  
JOIN messages m ON pa.adopterid  
= m.adopterid  
JOIN pet_providers pp ON  
pp.providerid = m.providerid  
ORDER BY m.date DESC;
```


Pet Provider Messages



Query:

```
SELECT * FROM
PetAdopterMessages
JOIN PetAdopters ON
PetAdopterMessages.petadopterid
= PetAdopters.petadopterid
JOIN PetProviders ON
PetAdopterMessages.petproviderid
= PetProviders.petproviderid
WHERE petadopterid =
'varpetadopterid' AND
petproviderid =
'varpetproviderid'
ORDER BY messagedate DESC;
```

THANK YOU!