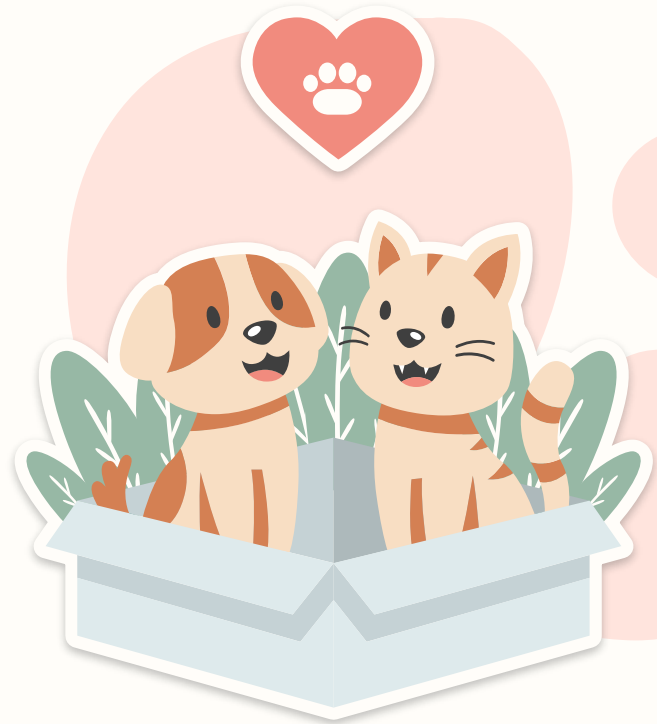


# Safe Paws

Animal rescue system





# Table of content

- **Introduction**
- **Entity Relationship Diagram**
- **Context digram**
- **Data flow diagram ( level 1& 2)**
- **Proof of concept**

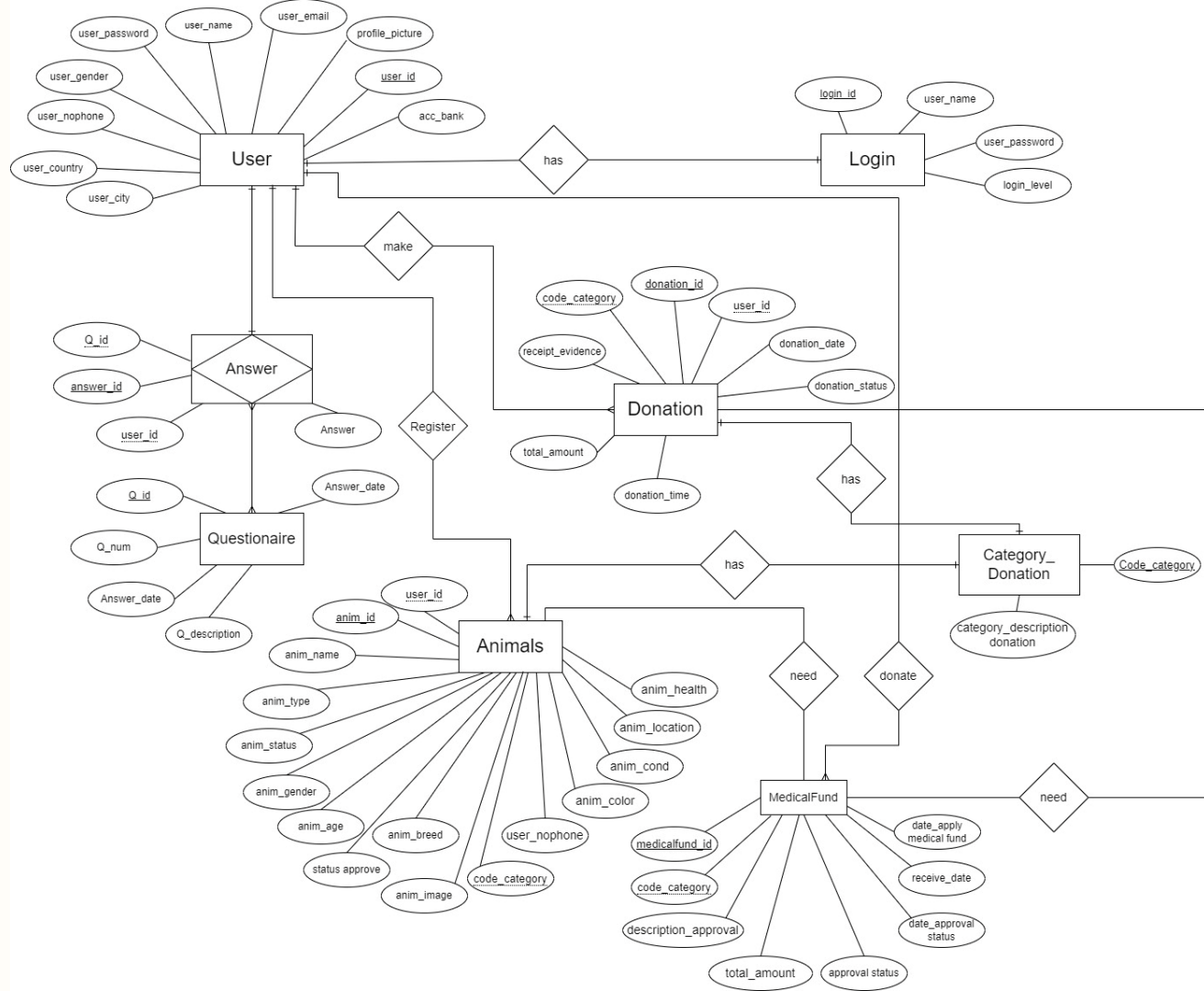


# Introduction

Animal rescue website- “Safe Paws” provides a one-stop portal for animal lovers, assisting homeless pets in finding homes, finding sponsor for stray animals medical fund and rescuers with the infrastructure they need to effectively reach out to the public. Animal rescuers from all states in Malaysia can publish their pets’ profiles for free on the website. The public can browse pet /animal based on pet type , breed, age, and also the state of the pet that can public can find. Users also can make donation for animal in need.

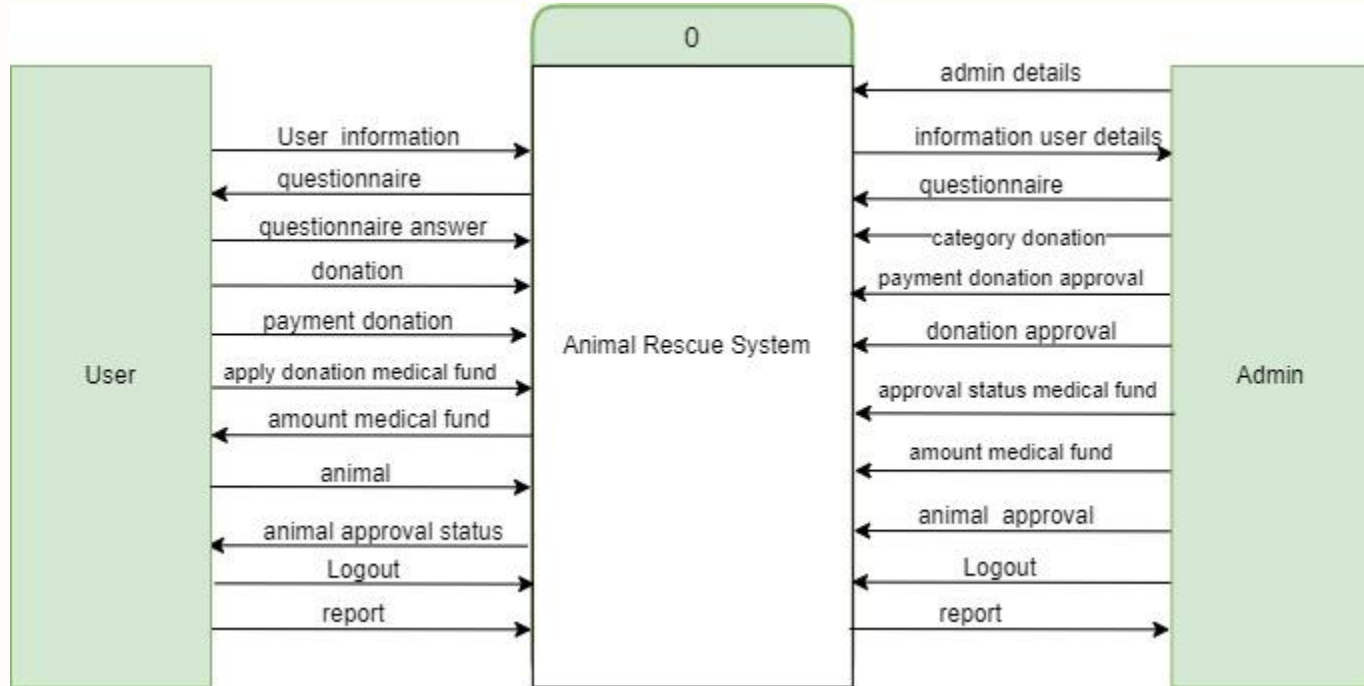


# ERD

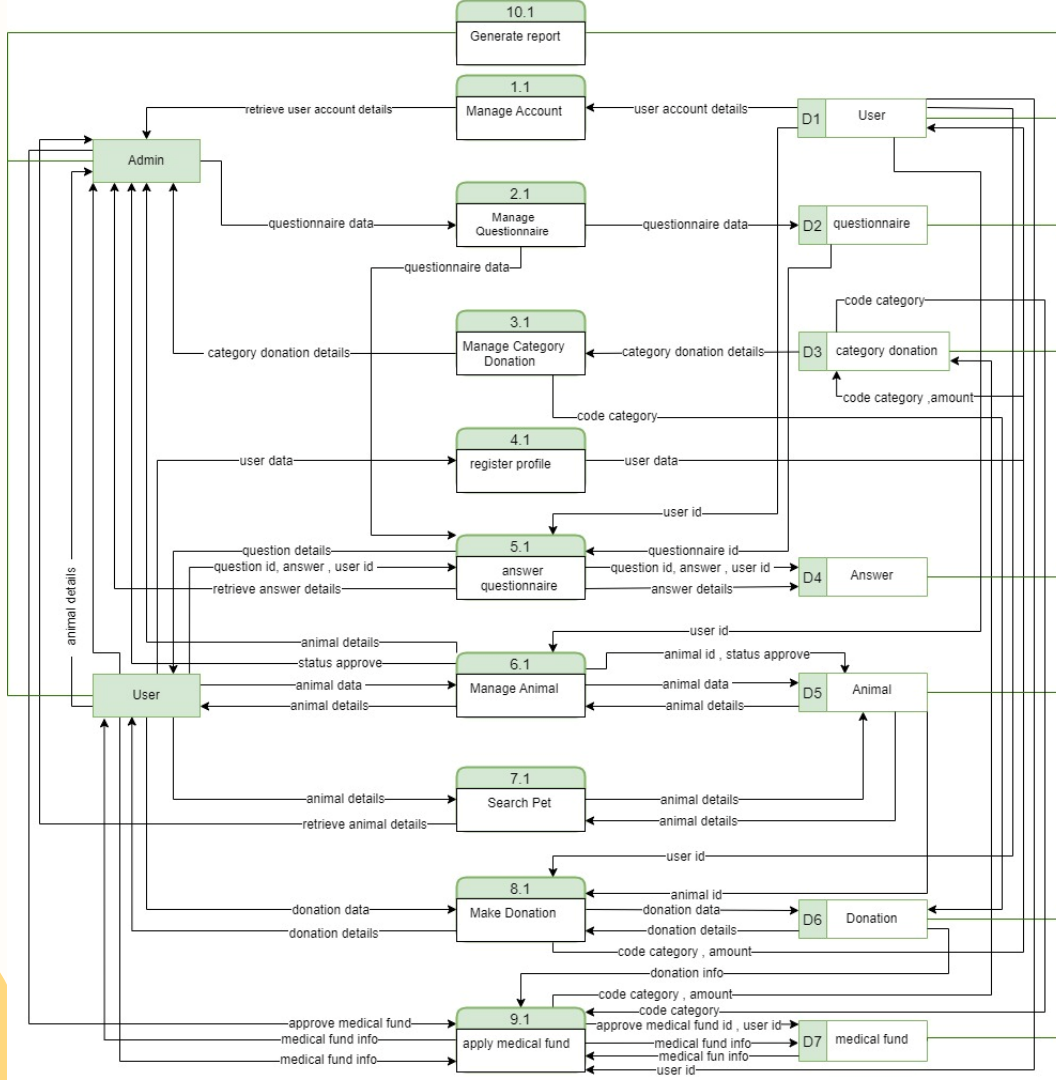




# Context Diagram Level-0

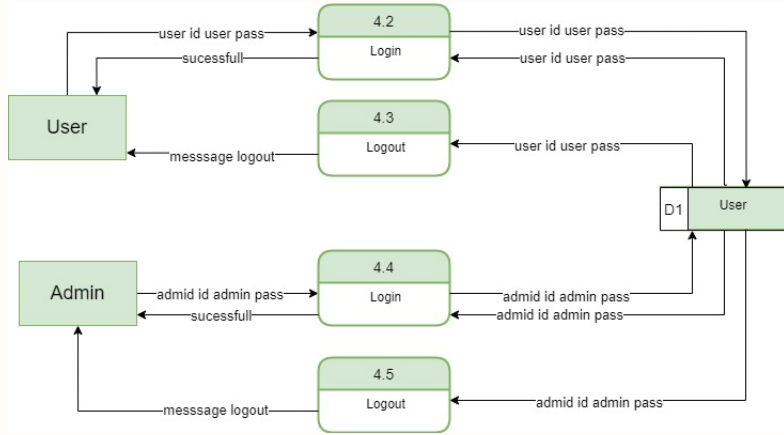


# DFD LEVEL - 1

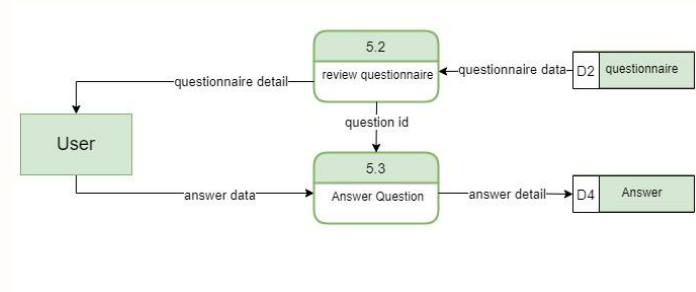




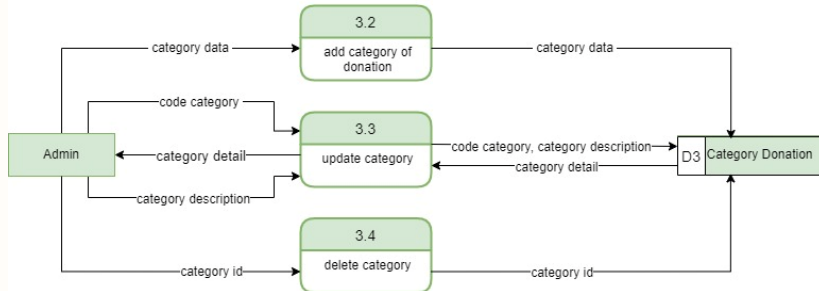
## MANAGE ACCOUNT



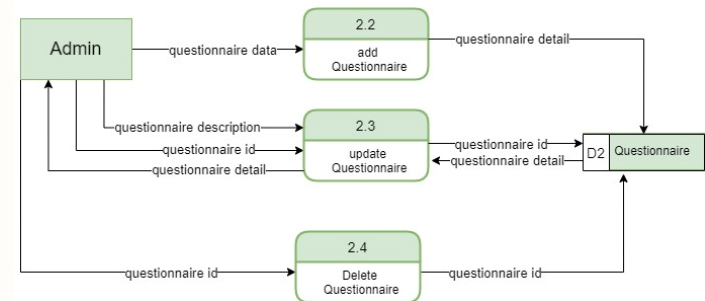
## ANSWER QUESTIONNAIRE



## MANAGE CATEGORY DONATION

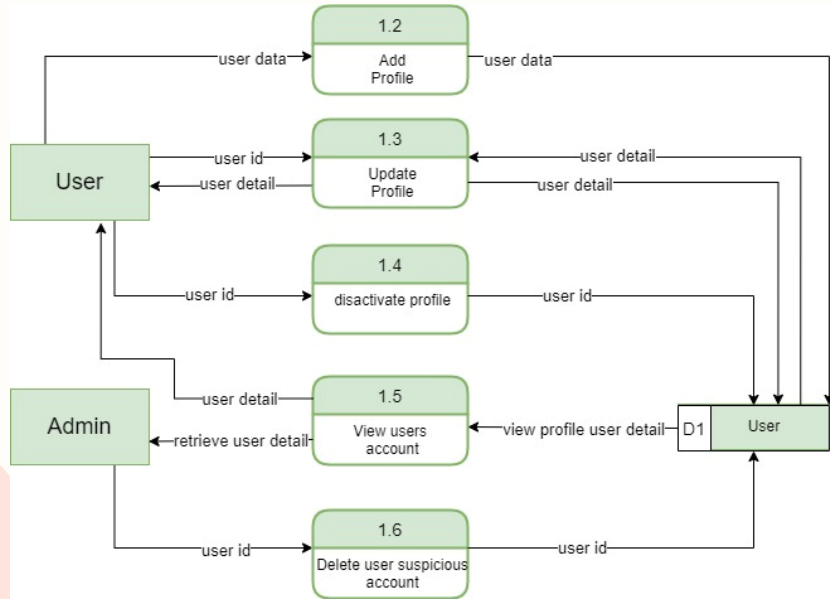


## MANAGE QUESTIONNAIRE

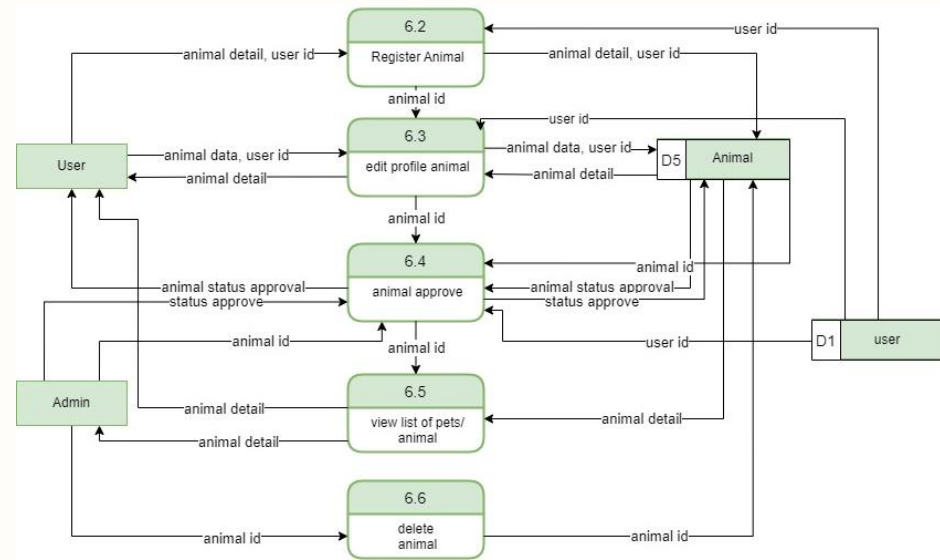




## REGISTER PROFILE



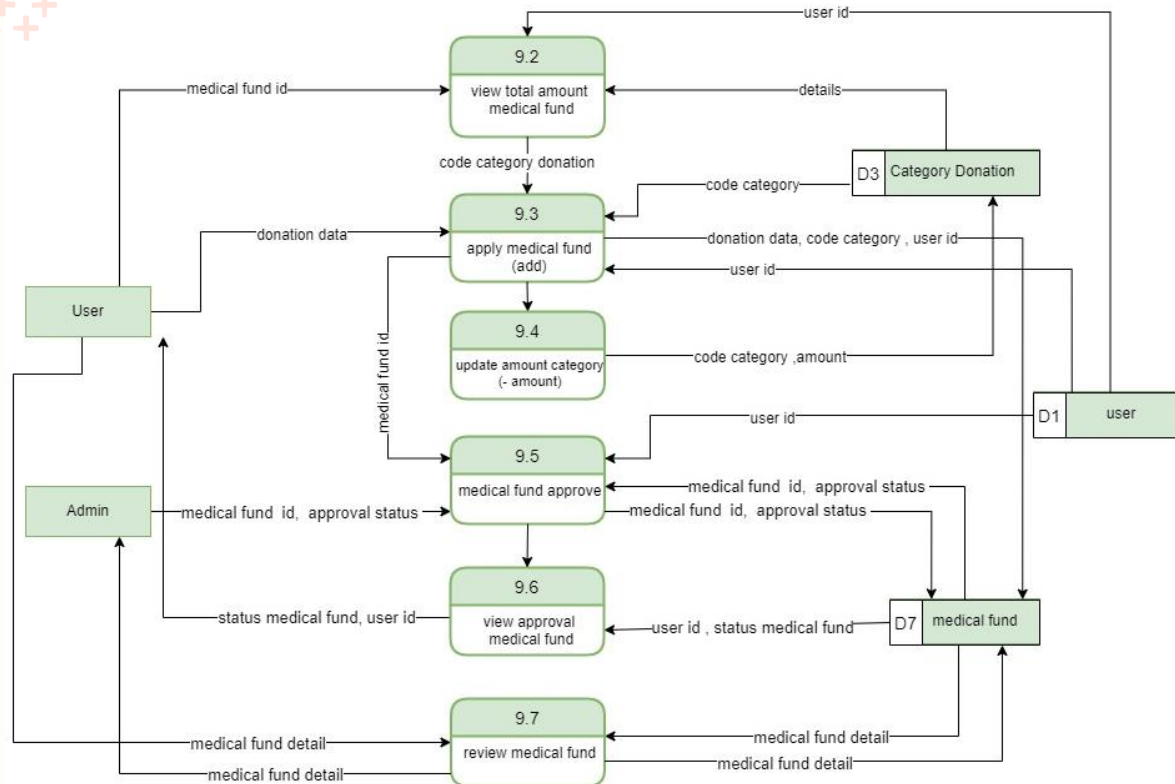
## MANAGE ANIMAL





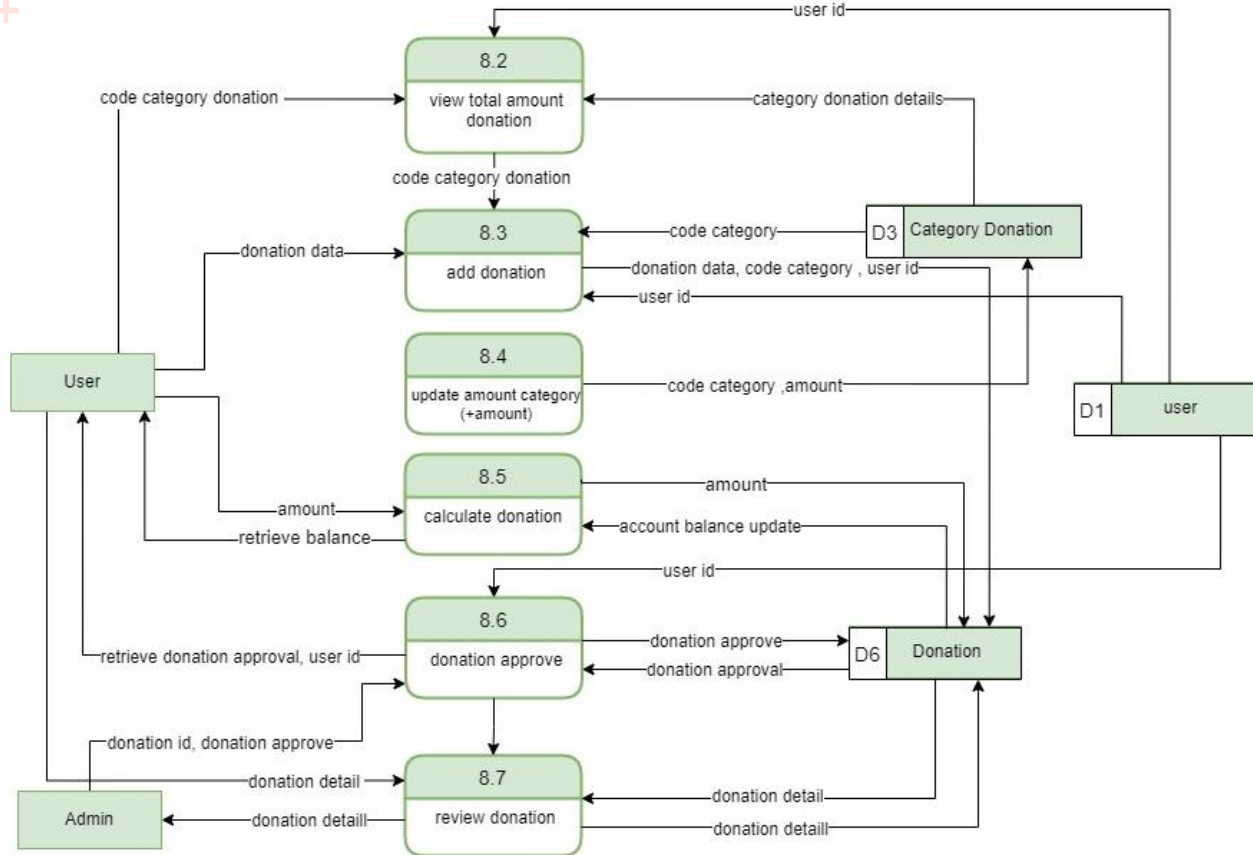


## APPLY MEDICAL FUND





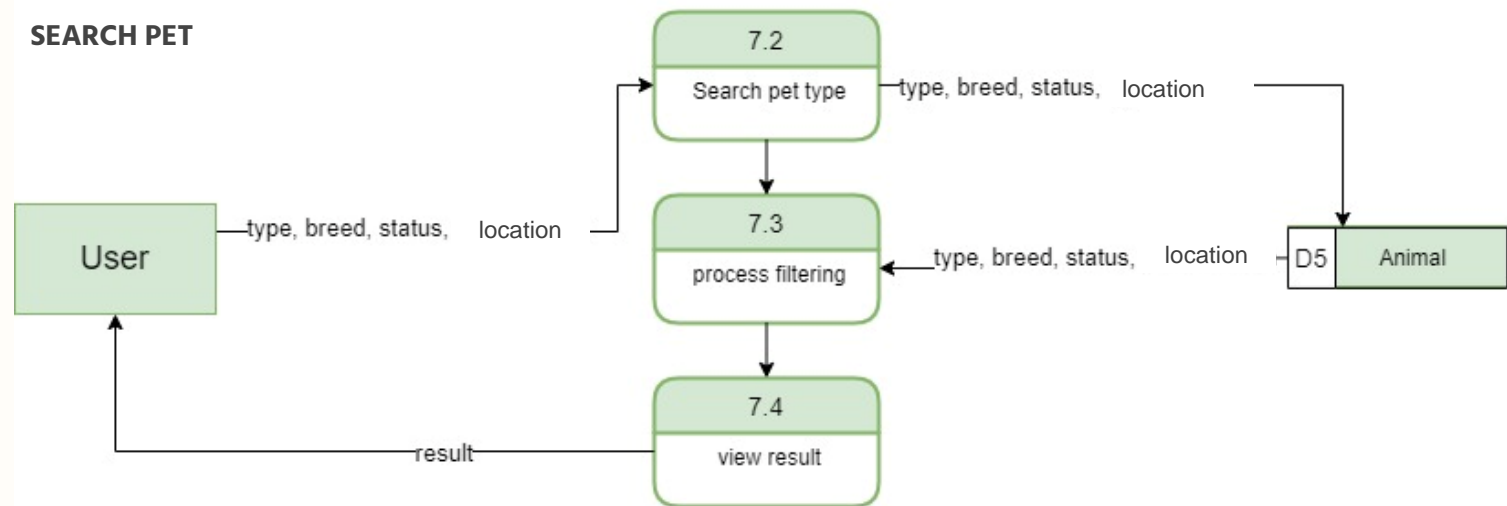
## MANAGE DONATION





Method or technique that will be used in this system is filtering technique. This added value will be used when we want to search the pet/ animals in the page search pet. The system will display the list of animals based on type of pet, breed, status of pet, and location of the animal.

Filtering algorithms filter out portions of the text that cannot possibly contain a match, and, at the same time, find positions that can possibly match.





# Filtering Algorithm

## Type of features in search pet filtering

### (Example)

#### 1 Features

- Pet type
- Breed
- Pet status
- State

#### 2 Features

- Pet type && Breed
- Pet type && Pet status
- Pet type && State

#### 3 Features

- Pet type && Breed && Pet Status
- Pet type && Breed && State

#### 4 Features

- Pet type && Breed && Pet Status && State

## START

If (pet type) || (breed) || (pet status) || (state)

Result search filtering;

Else if ((pet type) && (breed)) || ((pet type) && (pet status) || ((pet type) && (state)))

Result search filtering;

Else if ((pet type) && (breed) && (pet status) || ((pet type) && (pet status) && (state)))

Result search filtering;

Else if ((pet type) && (breed) && (pet status) && (state))

Result search filtering;

## END



# Filtering Algorithm

## Refine Your Search

**Pet Type:**

☐ Dog ☐ Cat ☐ Rabbit ☐ Hamster ☐ Fish ☐ Bird ☐ Reptiles ☐ Small & Furry

**Breed (Optional):** Specify up to 2 breeds you wish to search for. Select Pet Type first.

Breed #1: [ Select Breed ] ▾

**Pet Status:**

For Adoption ▾

**Location:**

• Kuala Lumpur ▾

**Search Pets**



# PET SITTING

## ANIMALS NEED YOUR HELP!!

Everyday billions of animals are experiencing unbearable cruelty. We tackle the root causes of their suffering so that we make the biggest difference to their lives. Malaysia has become more and more popular and accessible, there are now many ways to find the right pet for your family.

SEE MORE

let's answer question



[Home](#)[About us](#)[Find a pet](#)[Manage animal](#)[List of Animal](#)[Donate](#)[Pets](#) ▼[Adoption](#) ▼[Go](#)

### Pets for adoption

#### Browse By State

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- ☒ All States

#### Browse By Pets

- ☒ Dog
- ☒ Cat
- ☒ Rabbit
- ☒ Hamster
- ☒ Small & Furry
- ☒ All Pets

[Click back](#)

## Registration for new users

Click on a Pet Profile to view its details and submit enquiry. You can refine your search at the Advanced Search section, or List Your Pet here.

Name	Athirah
Email	athirah@gmail.com
Country	Malaysia
State	Johor Bahru
City	Skudai
Phone	010-8243658
No Account bank	55555-77-87665 (Bank islam)
Username	TyraEyra
Password	*****
Confirm password	*****
Profile photo	<input type="button" value="Choose file"/> No file chosen

☐ I agree to Safe Paw's [Terms& Condition](#)



## Safe Paws Terms & Conditions

In order to provide a harmonious and effective environment for our community, please carefully adhere to the following Terms & Conditions when participating at Safe Paws. You **must** agree to the following rules if you wish to participate at Safe Paws.

### 1) Pets Listings

For Adoption: Only pets that are genuinely for adoption may be listed here. Pets for sale cannot be listed under this status. Adopters may not adopt a pet with the intention of reselling it.

For Sale: All pets for sale must contain photo, price and contact number. You may not list items/products for sale here.

Lost: This section is for listing pets that are Lost. If you have recovered your pet subsequently, please change the status to Owner's Pet accordingly.

Found: This section is for listing pets that are Found, where the rightful owner is being sought after. If you managed to find its actual owner thereafter, you can either change its status to Owner's Pet or just deactivate it.

You may not intentionally refresh your pet profile for the sole purpose of updating it to the front of the pet listings. This is considered an abuse of the system and profiles in violation will be removed.

Safe Paws reserves the right to remove any listings deemed inaccurate or in violation of terms without prior notice, and the violating account may be blacklisted.

### 2) Comments

You may submit comments, feedback or enquiries at the Pet and Member Comment sections of each profile. You may not abuse this facility by hijacking the discussion with irrelevant information, repeated spam, abusive language or false accusations. You may not contact other members for any promotions, sales or solicitations, which are considered as spamming and would result in the blacklisting of your account.

### 3) Stud/Mating Service

Any form of offering or solicitation of stud/mating services are strictly prohibited at Safe Paws.

### 4) No Multiple Identities/Accounts

Each user can only maintain ONE (1) identity/account/username. If you need to create a new identity because of lost password, username or e-mail address, older identities cannot be used anymore.

### 5) Avoid Flammable Topics - Religion, Politics & Racial Issues

Please be aware that certain topics, such as religion, politics and racial issues, can cause unnecessary disputes among members. Such topics are strictly prohibited here. If you wish to discuss these topics, please do so on other relevant forums set up for those specific purposes.





Safe Paws

Tell the world :



Home

Find a pet

Manage pet

List of Animal

Donate

Pets



Adoption



# PET S

## ANIMALS NEED

Everyday billions of animals are  
root causes of their suffering so  
Malaysia has become more and  
ways to find the right pet for yo

SEE MORE



# Safe Paws

## Member Login

[Forgot password?](#)

**LOGIN**

[Register](#)





Donation & medical fund

Update profile

Logout

# PET SITTING

## ANIMALS NEED YOUR HELP!!

Everyday billions of animals are experiencing unbearable cruelty. We tackle the root causes of their suffering so that we make the biggest difference to their lives. Malaysia has become more and more popular and accessible, there are now many ways to find the right pet for your family.


SEE MORE

let's answer question



## Questionnaire form

1	Why do you want to adopt a pet? (choose only one) A. Companion for another pet B. Companion for self C. Protection D. Gift E. Surprise gift F. Replacement cat G. Others _____ <input type="text"/>
2	How many people live in the household? Number : _____ <input type="text"/>
3	The number of people by age category who live in the house hold? A. Adults(19 to 65) B. Seniors (over 65) C. Adolescents(12 to18) D. Children (3 to 12) E. Infants (under 3 years) _____ <input type="text"/>
4	How would you rate your general knowledge of the type pet you are interested in adopting? A. Very knowledgeable: _____ B. Somewhat knowledgeable: _____ C. Little or no knowledge: _____ <input type="text"/>
5	If there are no pets in the household now, have you owned any pets before? A. Yes B. No <input type="text"/>
6	If you owned pets before where is he/she/they now? A. don't know B. Gave away C. Lost, never found D. Died E. Sold F. Never owned _____ <input type="text"/>
7	If any pets died in the last 12 months, what were the circumstances? A. Old age B. Accident C. Illnes D. Disease E. Don't know F. No ,deaths _____ <input type="text"/>
8	Name/ address of veterinary clinic used before : <input type="text"/>



9	Name/address of veterinarian or clinic to be used for the new pet: <input type="text"/>
10	Where will the new pet spend most of his/her time? A. Inside B. Outside C. Inside& outside D. Dontnow <input type="text"/>
11	Where will the new pet stay where no one is home? A. Inside B. Outside C. Dontnow <input type="text"/>
12	On average, how many days a week will the pet be left alone ? <input type="text"/>
13	How long do you intend to keep the pet? <input type="text"/>
14	How and where will the pet be expected to relieve him/herself? A. Inside, on own B. Outside. On leash C. Outside, fenced-in area D. Outside tied/chained E. Outside, F. Don't know <input type="text"/>
15	How much money will you budget for the pet's care each month ? A. 50 to 100 B. 100-200 C. 300-400 D. 500-600 E. 700-1000 <input type="text"/>

[Submit](#)[View answer](#)

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### Pets for adoption

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- ☒ Sabah
- ☒ Sarawak
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- ☒ All States

#### Browse By Pets

- ☒ Dog
- ☒ Cat
- ☒ Rabbit
- ☒ Hamster
- ☒ Small & Furry
- ☒ All Pets

[Click back](#)

## Registration Animals

Create a pet profile and publish it in our network to reach out to our community rescuers, fosterers, adopters and pet lovers. The profile will also be displayed across a wide network of pet lover websites to help you reach the widest possible audience.

Please fill in as much details as possible to provide an accurate and informative account of your pet to the public. You can either post an **individual animal** or a **group of similar ones**

Pet name	<input type="text" value="Pet name.."/>
Pet status	<input type="checkbox"/> For adoption <input type="checkbox"/> Lost <input type="checkbox"/> Found <input type="checkbox"/> Owner's pet
Type	<input type="checkbox"/> Dog <input type="checkbox"/> Cat <input type="checkbox"/> Rabbit <input type="checkbox"/> Hamster <input type="checkbox"/> Bird
Gender	<input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Mixed
Age	<input type="text" value=""/> Years <input type="text" value=""/> Months
Breed	<input type="text" value="Select breed"/> ▼
Color	

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### Pets for adoption

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#### Browse By Pets

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- ☒ Rabbit
- ☒ Hamster
- ☒ Small & Furry
- ☒ All Pets

### Registration Animals

Size at maturing	<input type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large <input type="checkbox"/> Extra large
Vaccinated	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not sure
Health conditioned	<input type="checkbox"/> Healthy <input type="checkbox"/> Minor injury <input type="checkbox"/> Serious injury
Code category for apply donation	<input type="checkbox"/> Health <input type="checkbox"/> Food
Medical/adopt fee	RM <input type="text"/>
My role	<input type="checkbox"/> Rescuer <input type="checkbox"/> Owner
About the pet	<input type="text"/>
Upload pet picture	<input type="button" value="UPLOAD"/> 

☐ I agree to Safe Paw's [Terms& Condition](#)[Create Pet Profile](#)

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### Pets for adoption

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- ☒ All States

#### Browse By Pets

- ☒ Dog
- ☒ Cat
- ☒ Rabbit
- ☒ Hamster
- ☒ Small & Furry
- ☒ All Pets

[Click back](#)

## Donation Pay

Thankyou for donating!!

Amount (RM) :

Type amount..

Category of  
donation

Choose code category :

- ☐ 001 - Food
- ☐ 002 – Health condition
- ☐ 003 – animal supplies
- ☐ 004 – Critical injured

No file chosen

Receipts :

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### Pets for adoption

#### Browse By State

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#### Browse By Pets

- ☒ Dog
- ☒ Cat
- ☒ Rabbit
- ☒ Hamster
- ☒ Small & Furry
- ☒ All Pets

## Browse Available Pets

Below is a listing of your created pet profiles. Please note that profiles created will be subjected to administrative review before being published. Once approved, it will be marked as Active and displayed within our network.

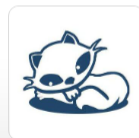
If a profile has been Rejected by Safe Paws, it means that the profile did not match our listing criteria. You can alter its contents and submit it for review again.

You can Deactivate an active profile to delist it from our network. Only Rejected profiles can be permanently deleted

### Create Pet Profile

Page: 1

Show Pets: All ▼



#### 1. Lala

Domestic Short Hair  
Female, 1 Yr

Posted on 2022-12-24

For Adoption

Active

[APPROVE](#)[Edit Profile](#)[Deactivate](#)



Pets for adoption

Browse By State

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- ☒ All States

Browse By Pets

- ☒ Dog
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- ☒ Rabbit
- ☒ Hamster
- ☒ Small & Furry
- ☒ All Pets

Browse Available Pets

Click on a Pet Profile to view its details and submit enquiry. You can refine your search at the Advanced Search section or List Your Pet here.

Page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#)



★ Pumpkin

For Adoption, Kuala Lumpur

**1 Year, Female Domestic Short Hair**

Lifewcats | Dec 9th



★ Diva Pudding & Manja Nutmeg

For Adoption, Kuala Lumpur

**1 Year, Mixed Gender Tabby Mix**

HongSian\_kaima | Jan 5th



★ Mina

For Adoption, Johor

**9 Years, Female Husky**

AlanCheong1 | Jan 6th



★ Miew Miew

Lost in Kuala Lumpur

**1 Year, Male Domestic Short Hair**

Weihua | Dec 9th

## Pets for adoption

## Browse By State

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- ☒ All States

## Browse By Pets

- ☒ Dog
- ☒ Cat
- ☒ Rabbit
- ☒ Hamster
- ☒ Small & Furry
- ☒ All Pets



## Sponsor Medical Treatment Of Tom

Tom's leg has been removed due to serious accident in road.

RM 350 Collected

RM 350  
Needed[View Tom's Profile](#) | [Donate Now](#) | [Donor List](#) | [Browse Medical Cases](#)

## Donor List For Tom's Medical Treatment

Below is a list of donors contributing to Tom's Medical Treatment. A big thank you to the kind and generous donors.

If your donation did not appear in this list after 3 working days, please [contact us](#) as soon as possible.

Date	Name	Amount
2023-01-03	Excess Donations - Transfer To Medical Fund	RM -44.42
2023-01-03	Lena L	RM 100.00
2022-12-26	Resonate Dance Company	RM 19.00
2022-12-25	Ong Siew Wai	RM 60.00
2022-12-18	Amy Kwek	RM 100.00
2022-12-18	Tan Hui Bee	RM 50.00
2022-12-18	Menjit	RM 50.00
2022-12-18	Anonymous	RM 15.42

[Home](#)[Find a pet](#)[Manage pet](#)[List of Animal](#)[Donation](#)[Pets ▾](#)[Manage Animal](#)[Donation & medical fund](#)[Update profile](#)[Logout](#)

### Pets for Adoption



**Toto And Angel , 3 Yrs**  
By LindaWood



**Mixed Breed, 1 Mth**  
By NiuWang



**Cola, 5 Mths**  
By Ryannn

## Medical Sponsorship & Emergency Rescue

Many unfortunate animals are clinging on to their fragile little lives for survival. Often, the surgery or treatment is expensive and they have to bear the cost themselves. Let us lend them a helping hand and share the burden, so more lives can be saved.

Click into a pet profile to view further details of its case and donate to its cause. If you wish to contribute to our Medical Fund, you can do so by clicking on the "Contribute To Medical Fund" button. Your donations would then be distributed across all cases awaiting urgent funds.

### Every Ringgit Counts In Saving Their Lives!



**Tom**  
2 Yrs, Male, Mixed Breed Dog

Tom's leg has been removed due to serious accident in road.

Rescuer: [Nesamani](#) | [View Donor List](#)

Case Completed

RM 350 / RM 350



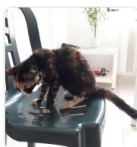
**Round Round**  
2 Yrs, Male, Domestic Short Hair Cat

Polyp Growth in right ear causing serious infection, cat cannot walk straight at times

Rescuer: [LaySoonYap](#) | [View Donor List](#)

Case Completed

RM 268 / RM 268



**Mina**  
3 Yrs, Female, Domestic Short Hair Cat

Very skinny, low blood and protein count in the system and rotten tooth.

Rescuer: [2kitty](#) | [View Donor List](#)

Case Completed

RM 313 / RM 313

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### Pets for adoption

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#### Browse By Pets

- ☒ Dog
- ☒ Cat
- ☒ Rabbit
- ☒ Hamster
- ☒ Small & Furry
- ☒ All Pets

[Click back](#)

### Medical fund Pay

Thankyou for donating!!

Amount (RM) :

Type amount..

Receipts :

No file chosen

**Submit**

[Home](#)[About us](#)[Find a pet](#)[Manage animal](#)[List of Animal](#)[Donate](#)[Pets ▼](#)[Adoption ▼](#)[Go](#)

### Pets for adoption

#### Browse By State

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#### Browse By Pets

- ☒ Dog
- ☒ Cat
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- ☒ Small & Furry
- ☒ All Pets

#### Your Donation list

Date	Amount	Donation Approval
10/12/2022	RM50	<i>Waiting approval</i>



## Manage Users

## Manage Donation

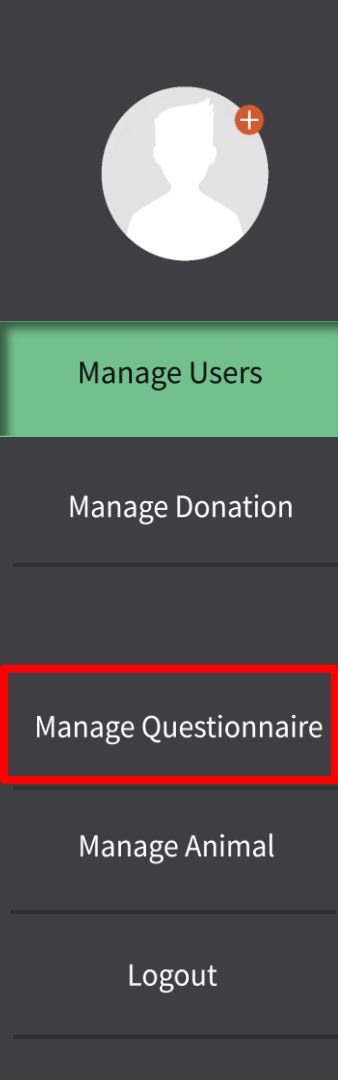
Manage Questionnaire

Manage Animal

Logout

### List of account users

[illegible]



## Manage Users

## Manage Donation

Manage Questionnaire

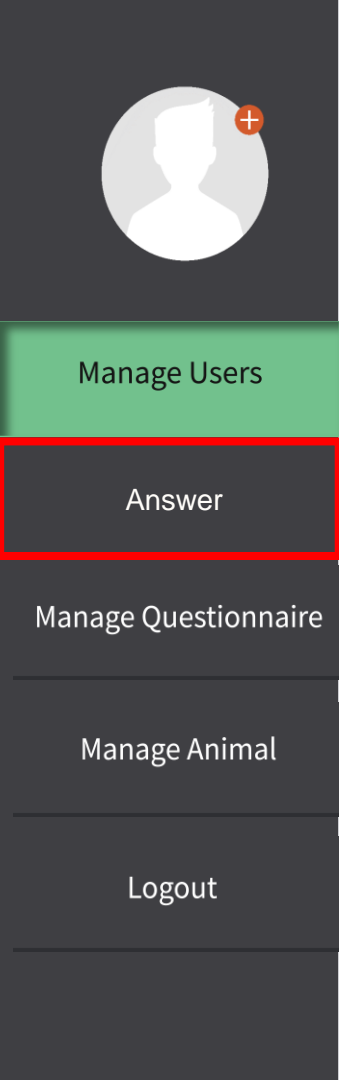
## Manage Animal

Logout

Question ID	12
Question Description	Have you ever house-broken a pet before?

Add

[illegible]



## Manage Users

Answer

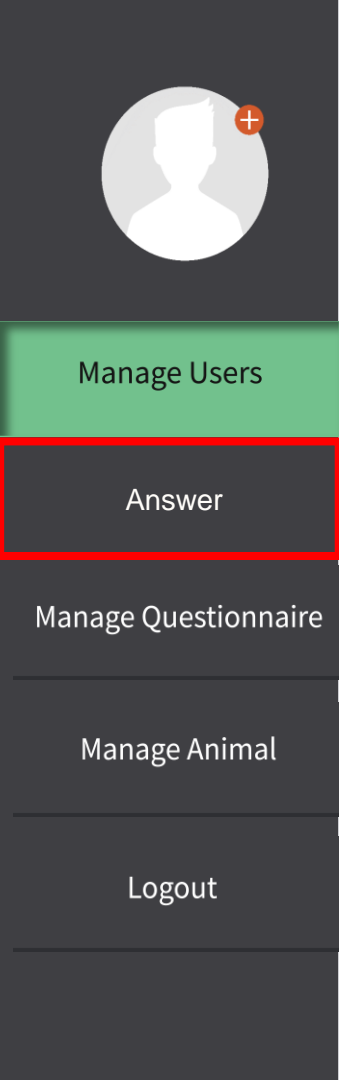
Manage Questionnaire

## Manage Animal

Logout

[illegible]





## Manage Users

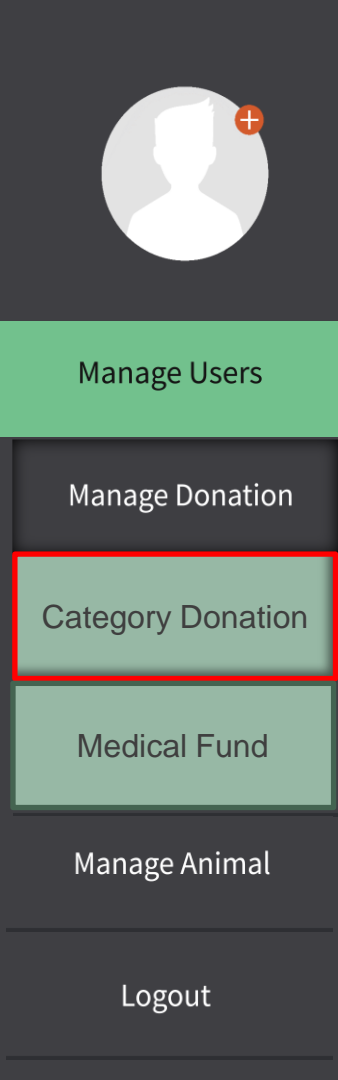
Answer

Manage Questionnaire

## Manage Animal

Logout

[illegible][illegible]



## Manage Users

## Manage Donation

Category Donation

Medical Fund

Manage Animal

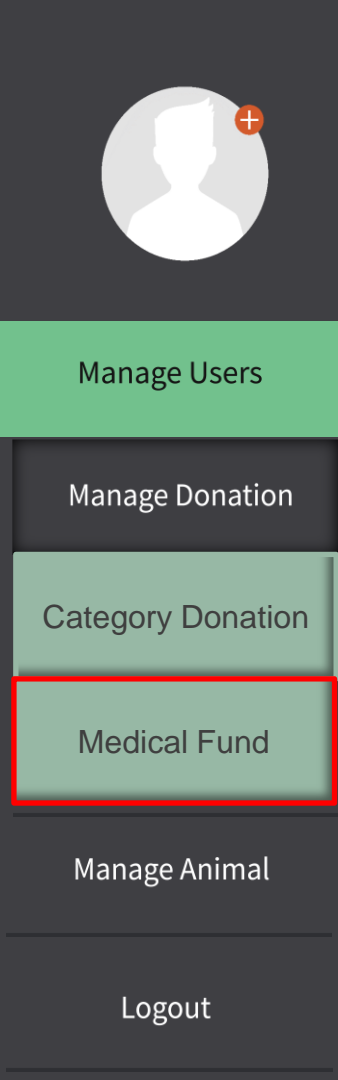
Logout

[illegible]

Code Category	001
Category description	Food

Add

[illegible]



## Manage Users

## Manage Donation

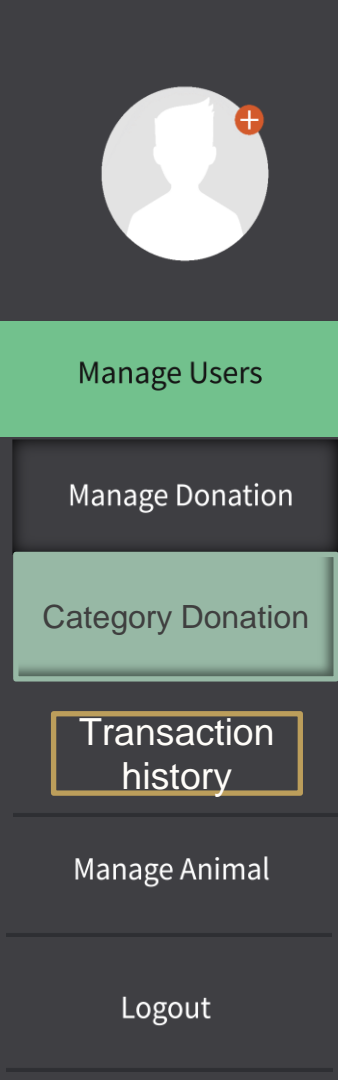
## Category Donation

Medical Fund

Manage Animal

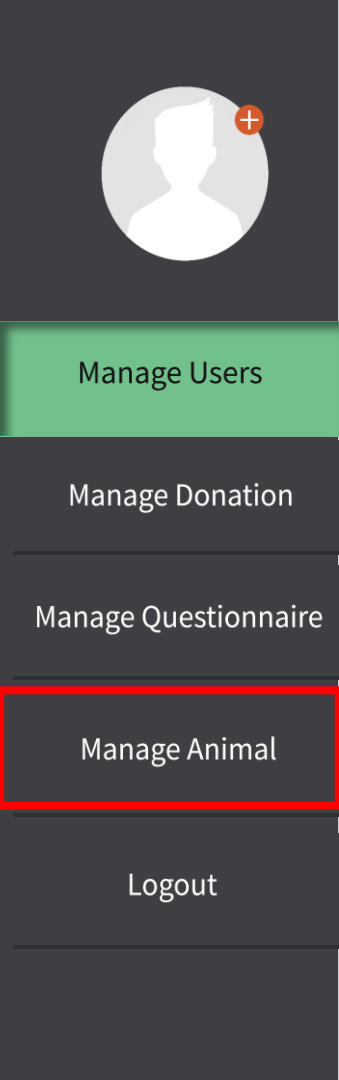
Logout

[illegible][illegible]



Logout

[illegible]



## Manage Users

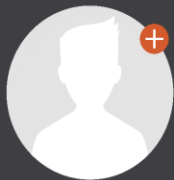
## Manage Donation

Manage Questionnaire

## Manage Animal

Logout

[illegible][illegible]



Manage Users

Manage Donation

Manage Questionnaire

Manage Animal

Logout

## Animal Profile Users

Animal ID	
User ID	
Animal name	
Animal status	
Animal type	
Animal gender	
Animal age	
Animal Breed	
Animal Color	
Animal size	
Animal vaccinated	
Health conditioned	
Code category For apply donation	
Adopt fee	
User role	
About the animal	
Animal picture	



**Thank  
you.**

# Objective

**To study the current situation of rescue animal and donation for animal.**

**01**



**02**

**To design web-based system for rescue animal and donation for animal**

**To develop web-based system for animal rescue using JSP and MySQL database**

**03**