
Project Proposal for

Animal Shelter Information System

Submitted by

SP18-BSE-130

MUHAMMAD USMAN AMJAD

Department of Computer Science, CU, Islamabad.

17/01/2019

Table of Contents

Abstract	2
1. Introduction	3
2. Proposed System.....	3
3. Advantages/Benefits of Proposed System	3
4. Scope	4
5. Modules	4
5.1 Module 1: Drop an Animal	4
5.2 Module 2: Adopt an Animal	4
5.3 Module 3: Search an Animal.....	4
5.4 Module 4: Report an Incident.....	5
5.5 Module 5: Donate Funds.....	5
6. System Limitations/Constraints.....	5
7. Tools and Technologies	5
8. Conclusion.....	6
9. References	6

Project Category: Web based Information System

Abstract

This Project is all about an Animal Shelter's Information System. As the Animal Shelters welcome and take care of any animal that is dropped by someone there and help them to find a loving home. All these processes require the storage of information of the animals, their medical records, the people who dropped them and the people who adopt them. In addition, the funds are also donated by the people and their information is also to be stored somewhere. The information system also helps the owners to look or search for their lost pet incase if it's dropped by someone and is under shelter or adopted by someone.

1. Introduction

Animal Shelters have a lot of things to manage in order to give a better and fast service to the animals that are taken into shelter. They have to admit the animals, check their medical history, perform routine checkups, give them proper medical care, raise funds for them, providing them shelter and provide them all necessities. In the meantime, they have to find someone who can adopt them and find them a home where they can live the rest of their lives happily. And that's not it they also have to keep track of the people who have adopted their animals to check whether they are giving proper care to the animals or not.

For these tasks the animal shelter needs an information system that is reliable and easily accessible to store all the useful information about the animals.

2. Proposed System

My Project "Animal Shelter Information System" helps the shelter authorities to manage and store all the information related to the animals that are under shelter or were once under shelter. The system helps them to keep track of the people who dropped by the animals and those who adopted the animals. The information about the medical history and current medical condition is also stored along with the treatment costs.

3. Advantages/Benefits of Proposed System

The proposed system has following advantages:

- Large information about the shelter is stored virtually without the need for keeping registers.
- Information is stored in a manner that minimum space is used.
- It is easy to add new information about the animals being admitted.
- Data retrieval is fast and easy.
- There is least data redundancy.
- Shelter's Data is stored in a well-organized manner.
- Any animal's Information can be searched very easily.

4. Scope

“Animal Shelter Information System” stores all the information (age, breed, gender, height, weight etc.) related to the animals that are under shelter or were once under shelter. The system keeps track of the people who dropped by the animals and stores their personal information for security purposes. The Personal Information of those who adopted the animals is also stored. The information about who adopted or dropped what and why is explicitly stored in the system. The information about the medical history and current medical condition is also stored along with the treatment costs. There also a feature through which anyone can search for a lost animal by giving sufficient details about the animal. The information system also keeps record of the people who donate funds.

5. Modules

5.1 Module 1: Drop an Animal

This Module manages all the process when someone drops an animal to shelter. Whenever a person arrives his/her personal information is recorded and is asked whether he is the owner or found the animal stray, if he is the owner, he is asked the reason why he is dropping the animal to the shelter. After dealing with the person’s information, The Animal’s information is the next thing to be recorded. The animal’s appearance and all the physical and medical details are recorded and the date of admitting is recorded in the last stage and the process of dropping or admitting the animal terminates.

5.2 Module 2: Adopt an Animal

This module stores the information about the event of adopting the animal by someone. When an adopter comes to the animal shelter, he is shown all the animals and he picks the animal that he wants to adopt. His personal information is recorded for security and tracking purposes and his income is checked whether its sufficient to take care of the animal or not. After completing this procedure, the animal’s record is stored and the person is ready to take away the animal.

5.3 Module 3: Search an Animal

This module helps the people who have lost their pet. They describe their pet’s appearance, age, gender etc. and the information displays related results from all the information about animals that are being sheltered or were once sheltered here.

5.4 Module 4: Report an Incident

This feature allows anyone to report any incident related to an animal being left astray in the streets or being tortured. So that animal shelter authorities can respond to it immediately.

5.5 Module 5: Donate Funds

This feature allows the shelter to raise funds for taking care of the animals being in the shelter. Any one who is willing to donate any amount is asked for personal information and is shown the areas or animal on which money is required. He or she can then donate for the cause and their information is stored in the database.

6. System Limitations/Constraints

- The Information system's website is not uploaded on server so it's not remotely Accessible.
- Information System is not available for the customer (droppers, adopters and volunteers)

7. Tools and Technologies

Table 1 Tools and Technologies for Proposed Project

Tools And Technologies	Tools	Version	Rationale
	Netbeans	8.2	IDE
	MS SQL Server	2015	DBMS
	MS Word	2013	Documentation
	Mysql Workbench	2013	Schema Designing
	Technology	Version	Rationale
	Java	-	Programming language
	Java swing	2013	GUI
	-	-	-

8. Conclusion

That's all what I have currently decided to work on and the features stated in this proposal surely will be included in the final project. In Further I will try to think and add some more functionalities as soon as they come to my mind.

9. References

<https://www.w3schools.com/>

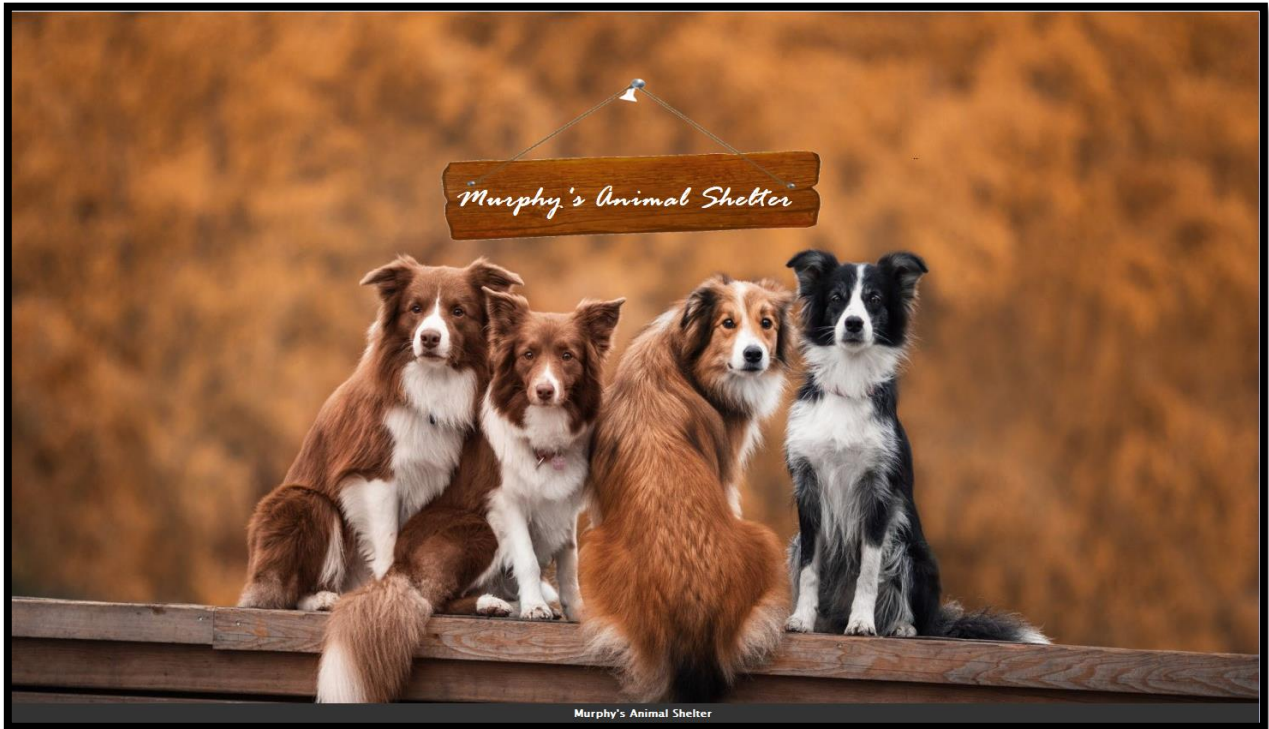
<https://www.animalhavenshelter.org/>

User Manual

Murphy's Animal Shelter

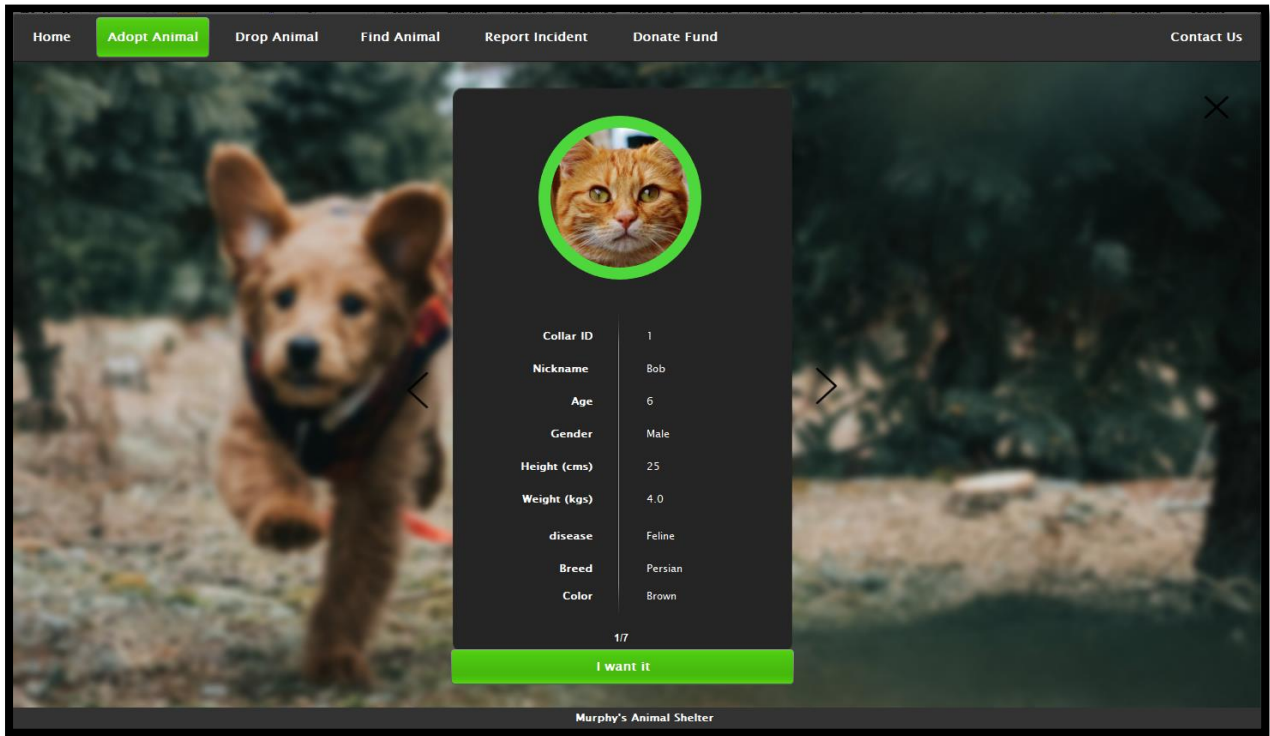
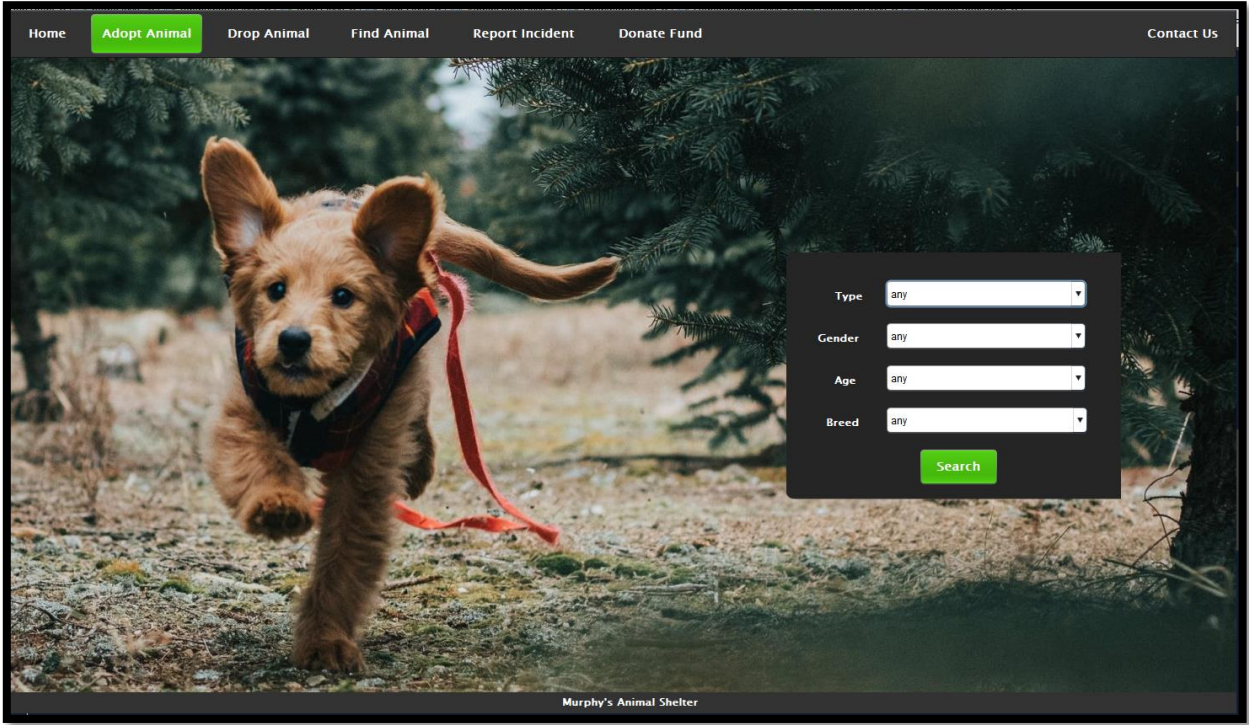
Chapter 1

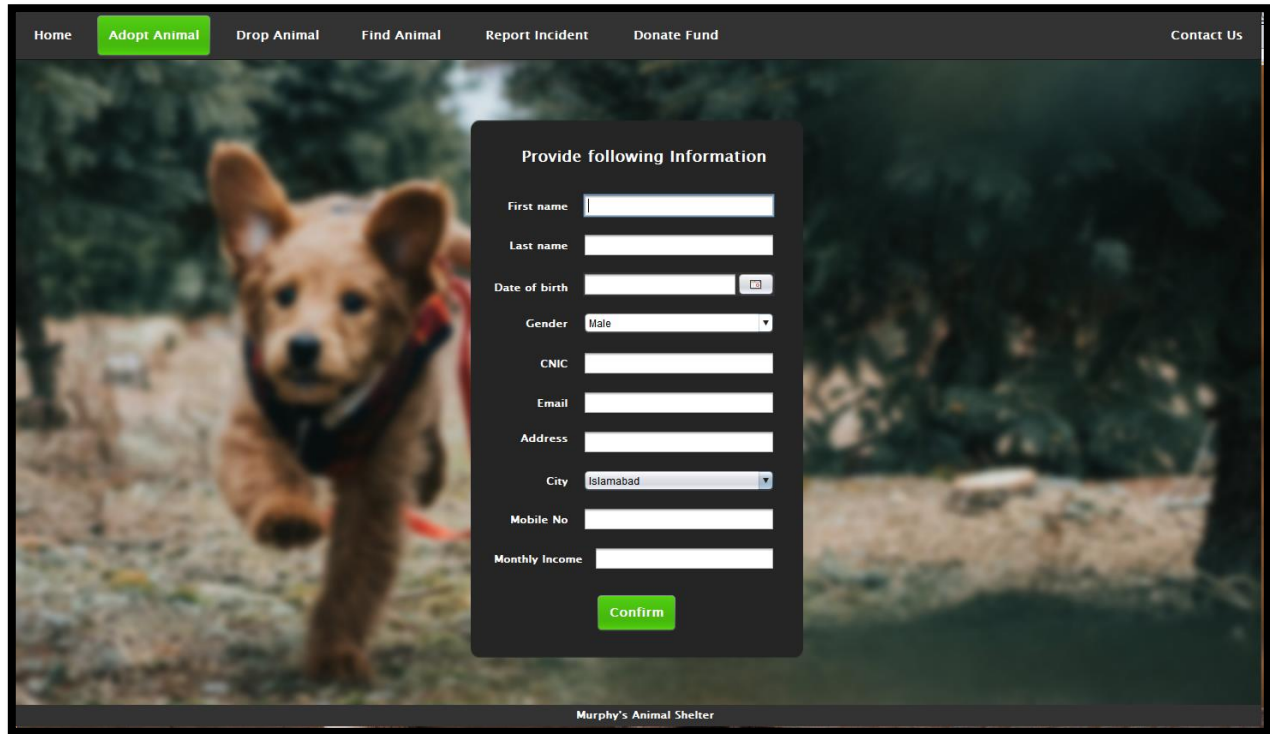
Front Page



Chapter 2

Adopt An Animal






Home **Adopt Animal** Drop Animal Find Animal Report Incident Donate Fund Contact Us

Provide following Information

First name

Last name

Date of birth 

Gender

CNIC

Email

Address

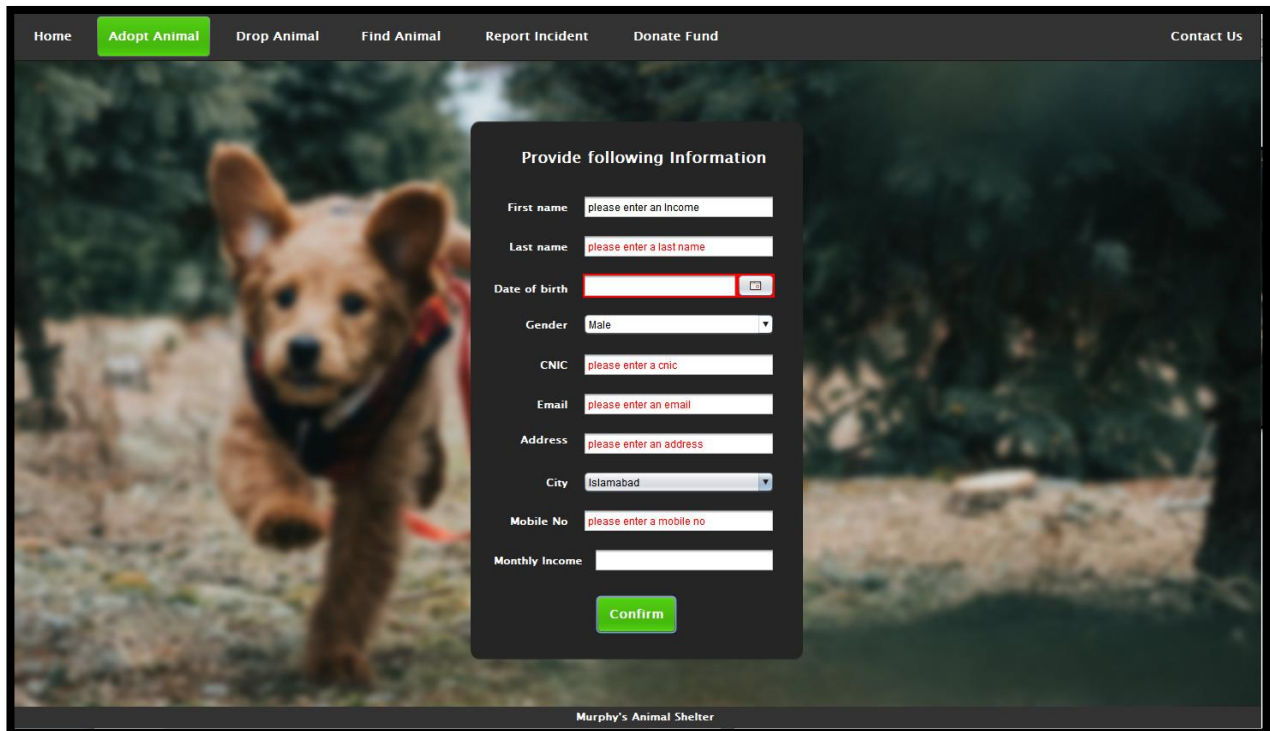
City

Mobile No

Monthly Income

Confirm

Murphy's Animal Shelter




Home **Adopt Animal** Drop Animal Find Animal Report Incident Donate Fund Contact Us

Provide following Information

First name

Last name

Date of birth 

Gender

CNIC

Email

Address

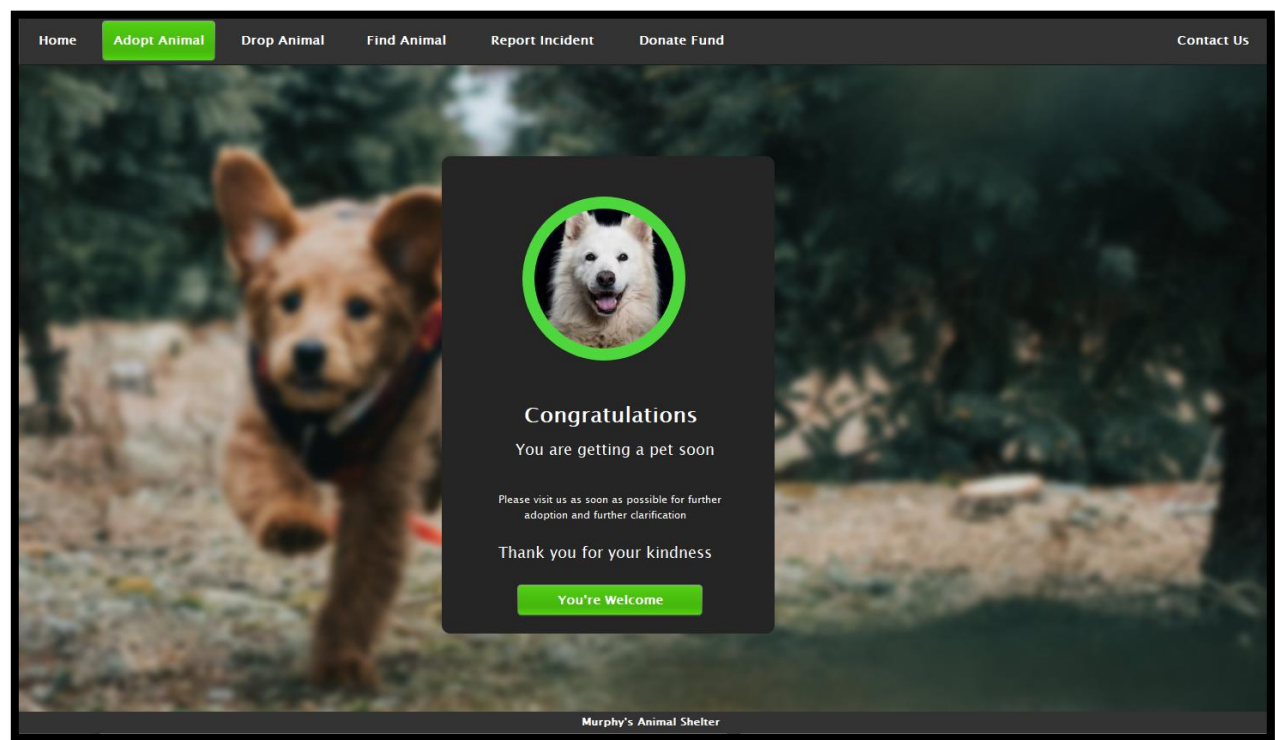
City

Mobile No

Monthly Income

Confirm


Murphy's Animal Shelter



Chapter 3

Drop An Animal

[Home](#) [Adopt Animal](#) [Drop Animal](#) [Find Animal](#) [Report Incident](#) [Donate Fund](#) [Contact Us](#)



Personal Details

First name

Last name

Date of birth

Gender

CNIC

Email

Address

City


Mobile No

Dropping Reason

[Next](#)

Murphy's Animal Shelter

[Home](#) [Adopt Animal](#) [Drop Animal](#) [Find Animal](#) [Report Incident](#) [Donate Fund](#) [Contact Us](#)



Animal Details

Type

Nickname (opt)

Age

Gender

Height (cms)

Weight (kgs)

disease (if any)

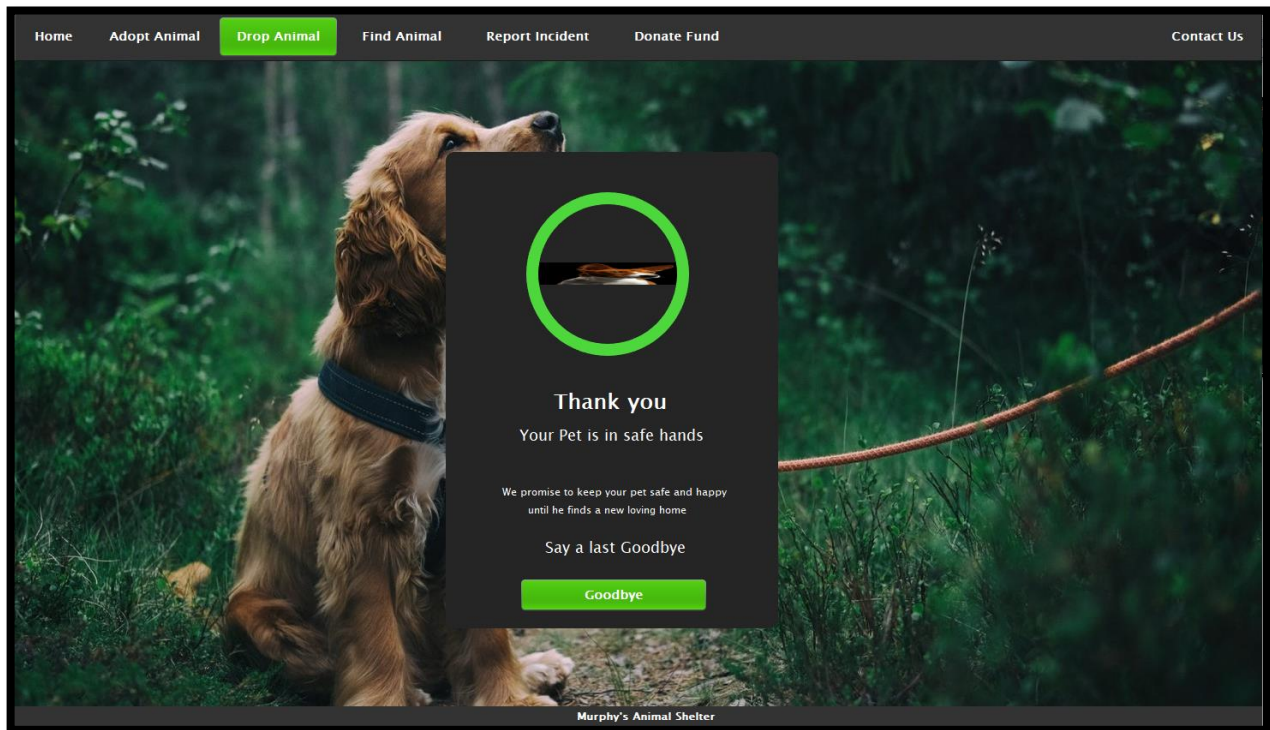
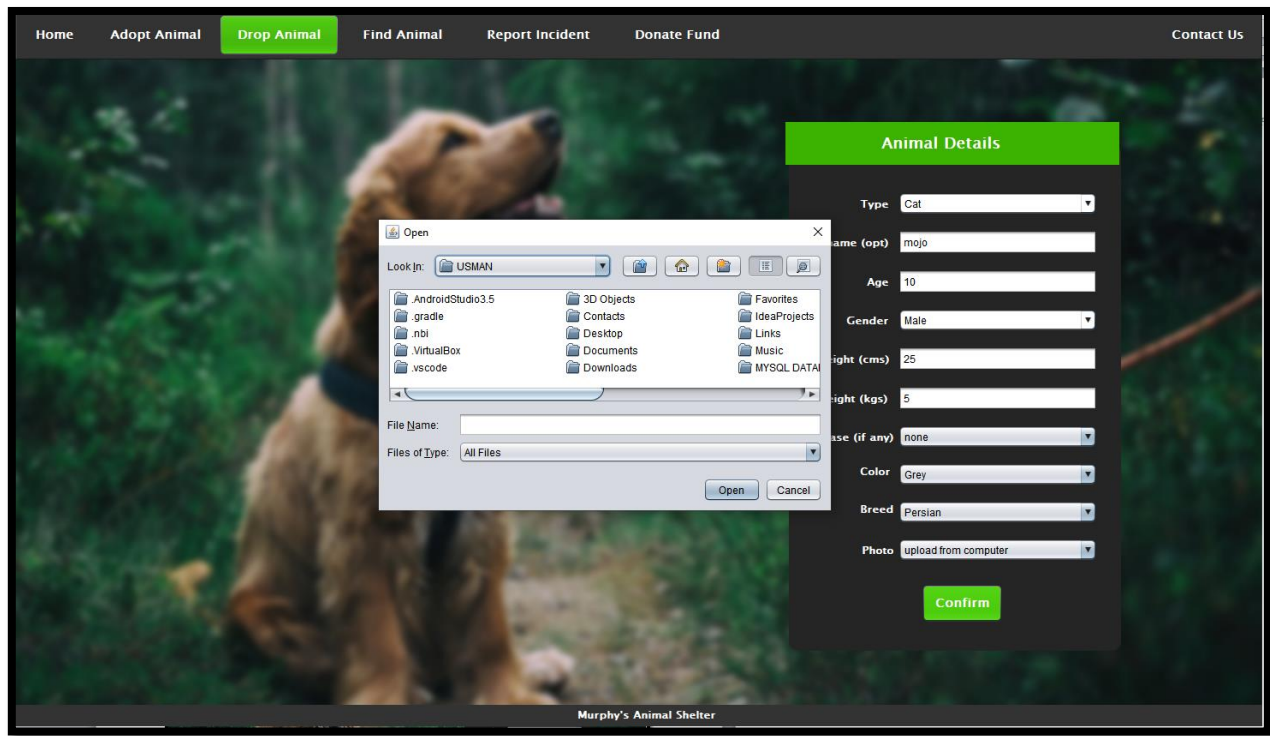
Color

Breed

Photo

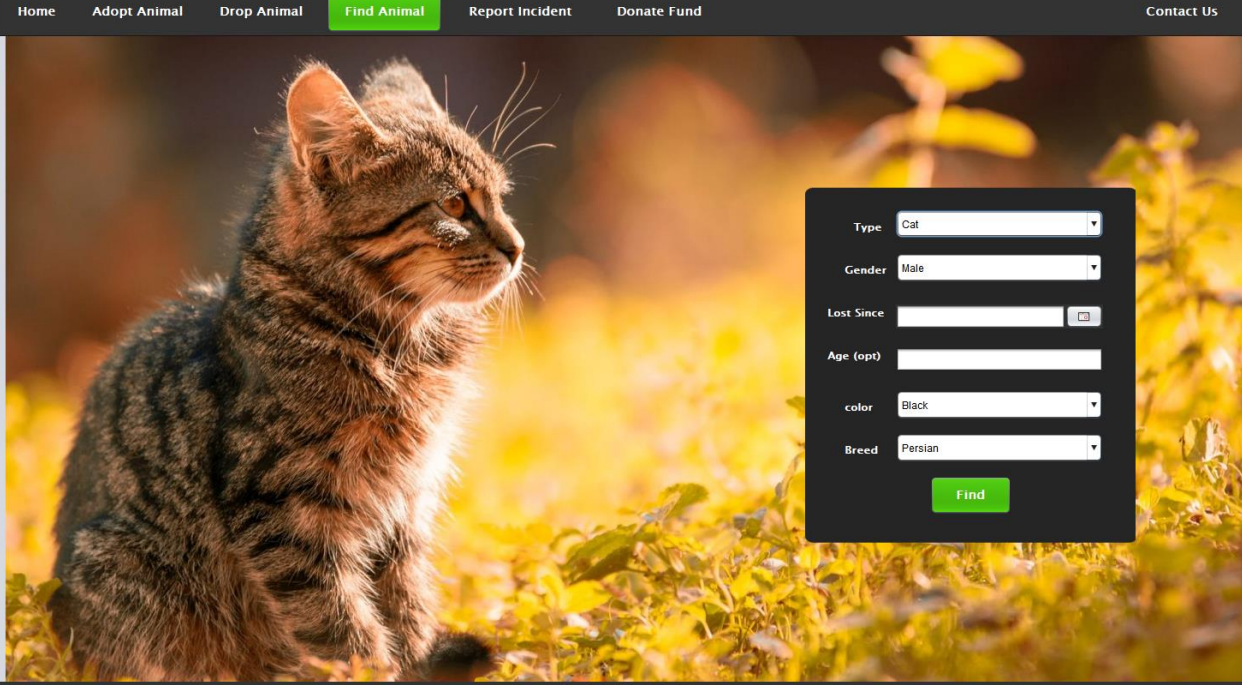
[Confirm](#)

Murphy's Animal Shelter



Chapter 4

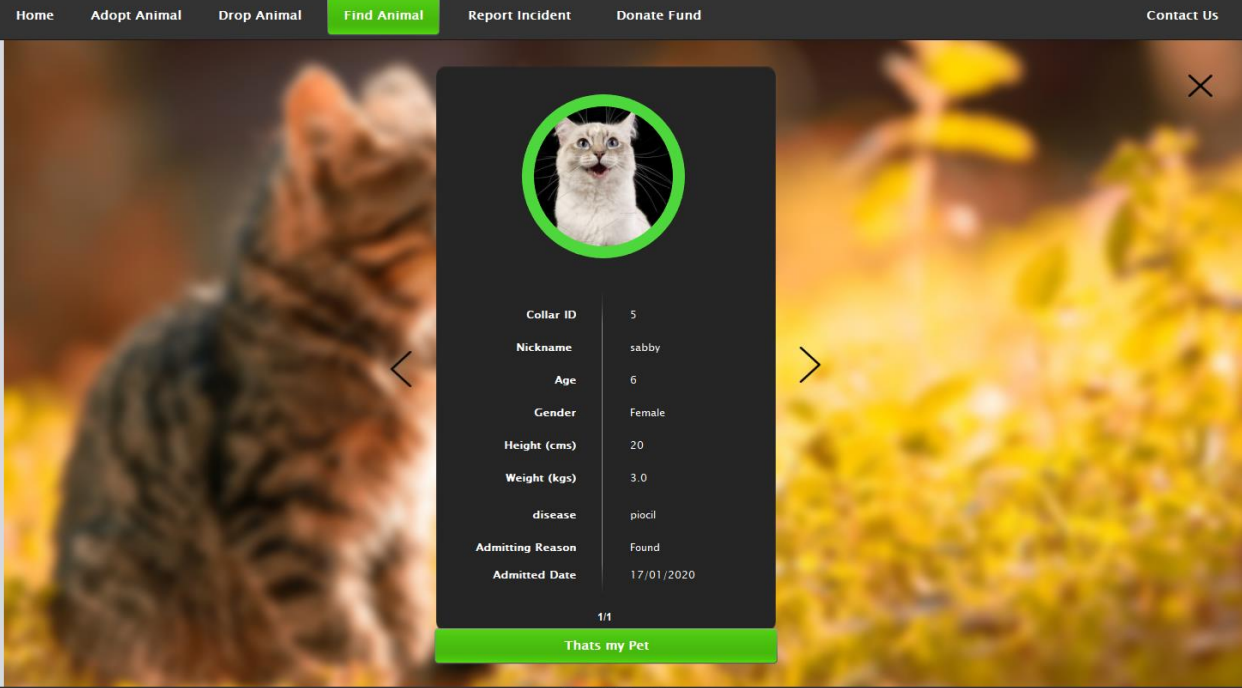
Find An Animal



Home Adopt Animal Drop Animal Find Animal Report Incident Donate Fund Contact Us

Type Cat
Gender Male
Lost Since
Age (opt)
color Black
Breed Persian
Find

Murphy's Animal Shelter



Home Adopt Animal Drop Animal Find Animal Report Incident Donate Fund Contact Us

Collar ID 5
Nickname sabby
Age 6
Gender Female
Height (cms) 20
Weight (kgs) 3.0
disease piccil
Admitting Reason Found
Admitted Date 17/01/2020
1/1
Thats my Pet

Murphy's Animal Shelter

[Home](#) [Adopt Animal](#) [Drop Animal](#) [Find Animal](#) [Report Incident](#) [Donate Fund](#) [Contact Us](#)

Provide following Information

First name

Last name

Date of birth ☐

Gender

CNIC

Email

Address


City

Mobile No

[Confirm](#)

Murphy's Animal Shelter

[Home](#) [Adopt Animal](#) [Drop Animal](#) [Find Animal](#) [Report Incident](#) [Donate Fund](#) [Contact Us](#)



Congratulations

You have found your pet

Please visit us as soon as possible for further claiming procedure and further clarification

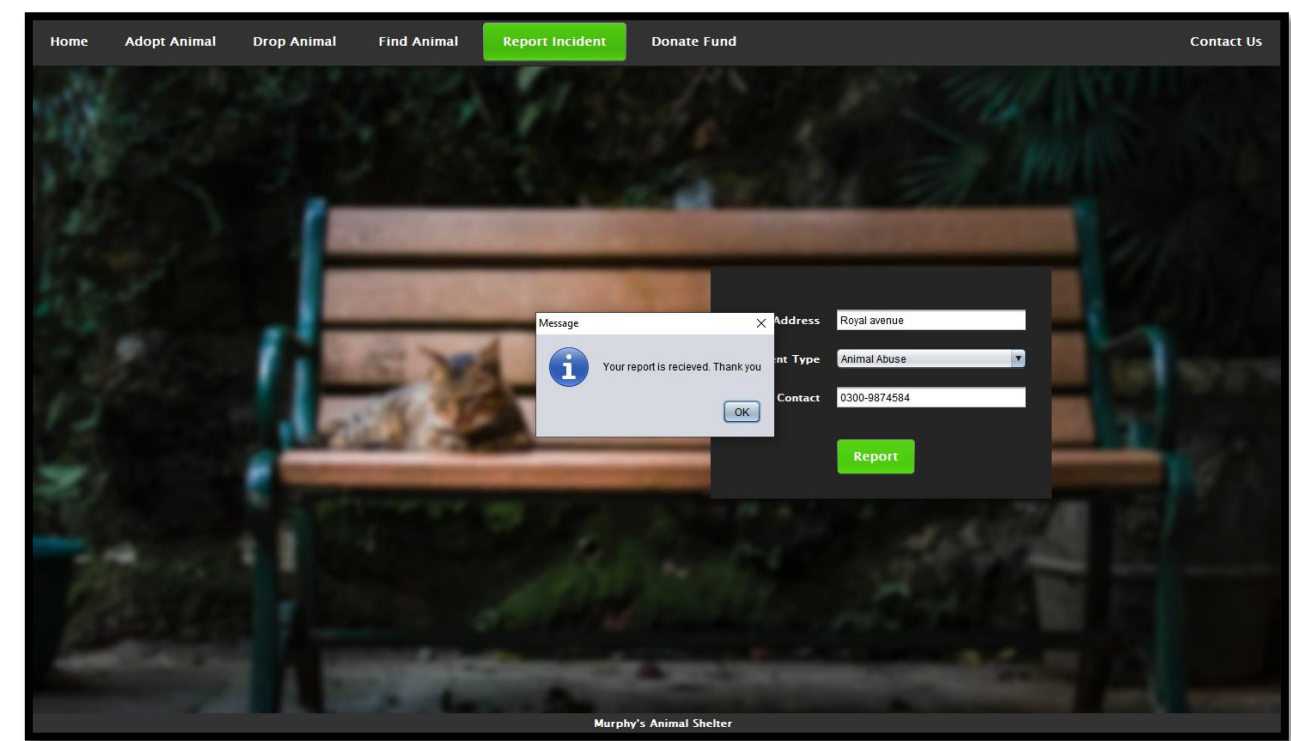
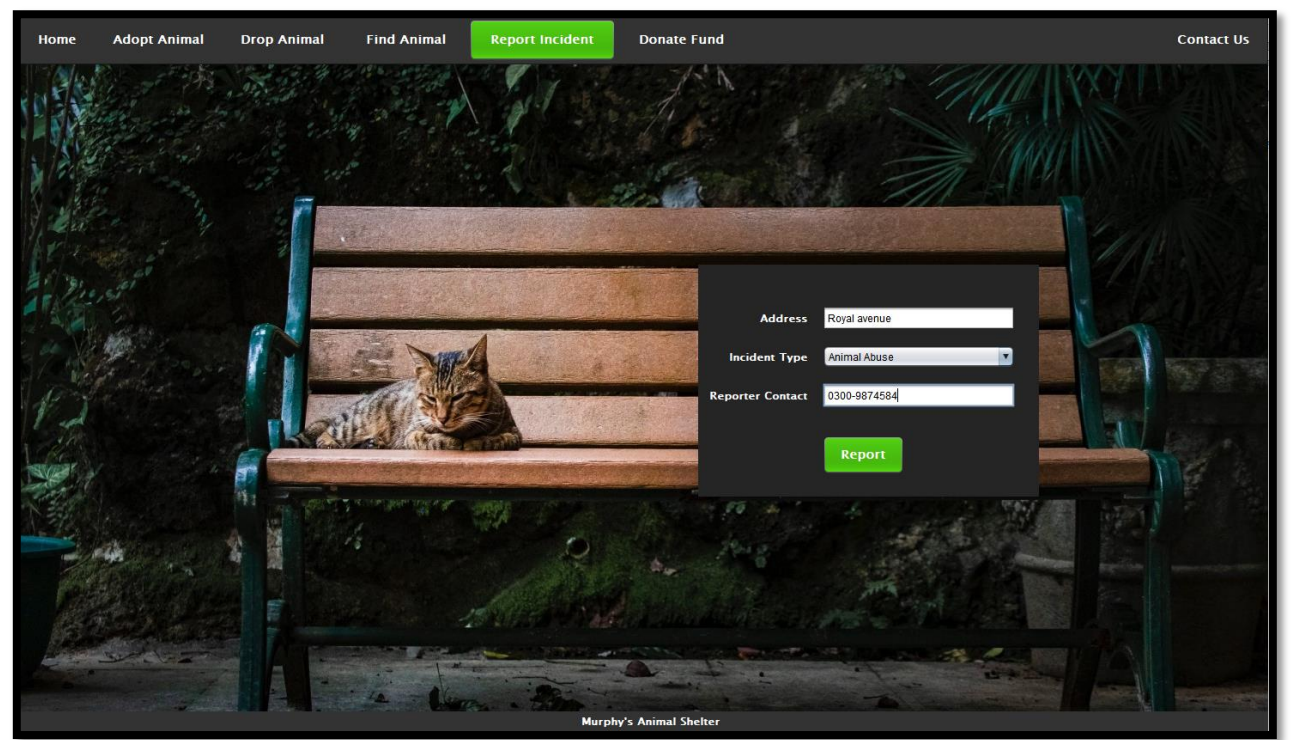
We are Happy to help you

[Thank you](#)

Murphy's Animal Shelter

Chapter 5

Report incident



Chapter 6

Donate funds

Home Adopt Animal Drop Animal Find Animal Report Incident **Donate Fund** Contact Us

First name furqan

Last name saleem

Date of birth 7,Jan,1998

Gender Male

CNIC 34202-9440974-1

Email @.com

Address a

City Islamabad

Mobile No 0300-3214569

Donation Amount 10000

Donate

Murphy's Animal Shelter

Home Adopt Animal Drop Animal Find Animal Report Incident **Donate Fund** Contact Us

First name furqan

Last name saleem

Date of birth 7,Jan,1998

Gender Male

CNIC 34202-9440974-1

Email @.com

Address a

City Islamabad

Mobile No 0300-3214569

Donation Amount 10000

Donate

Message

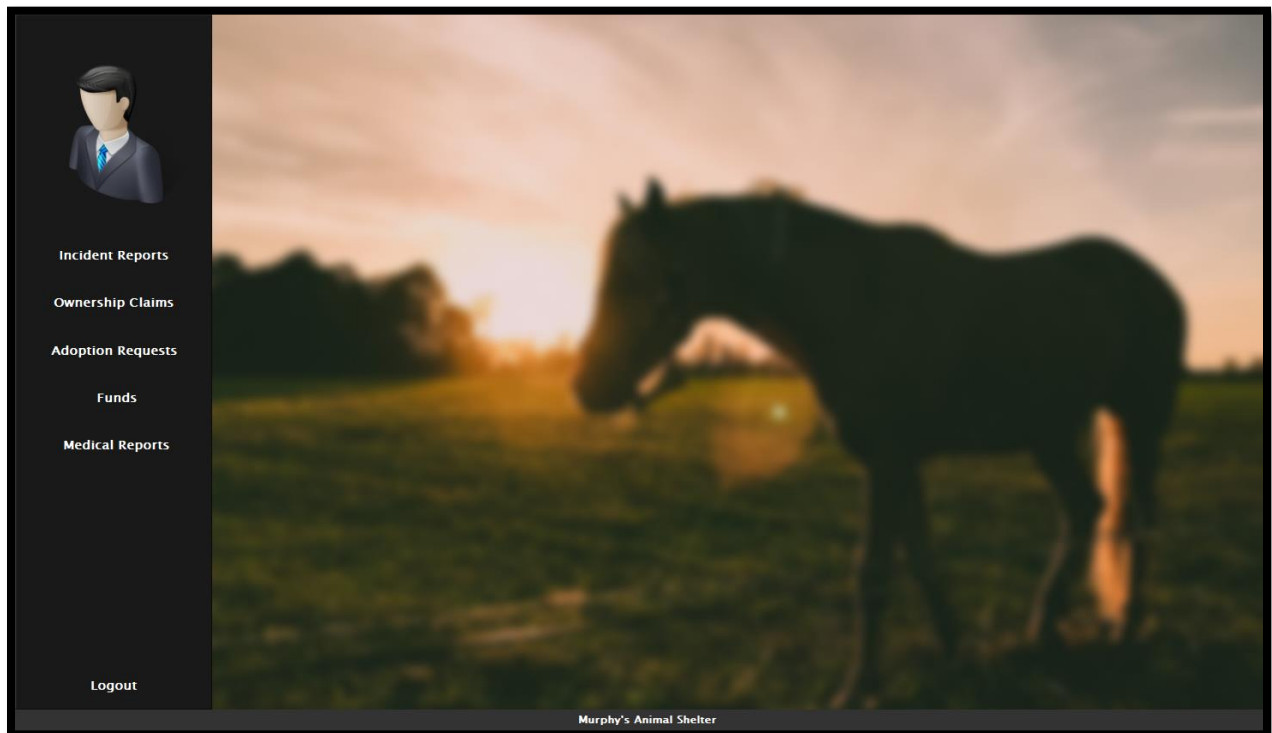
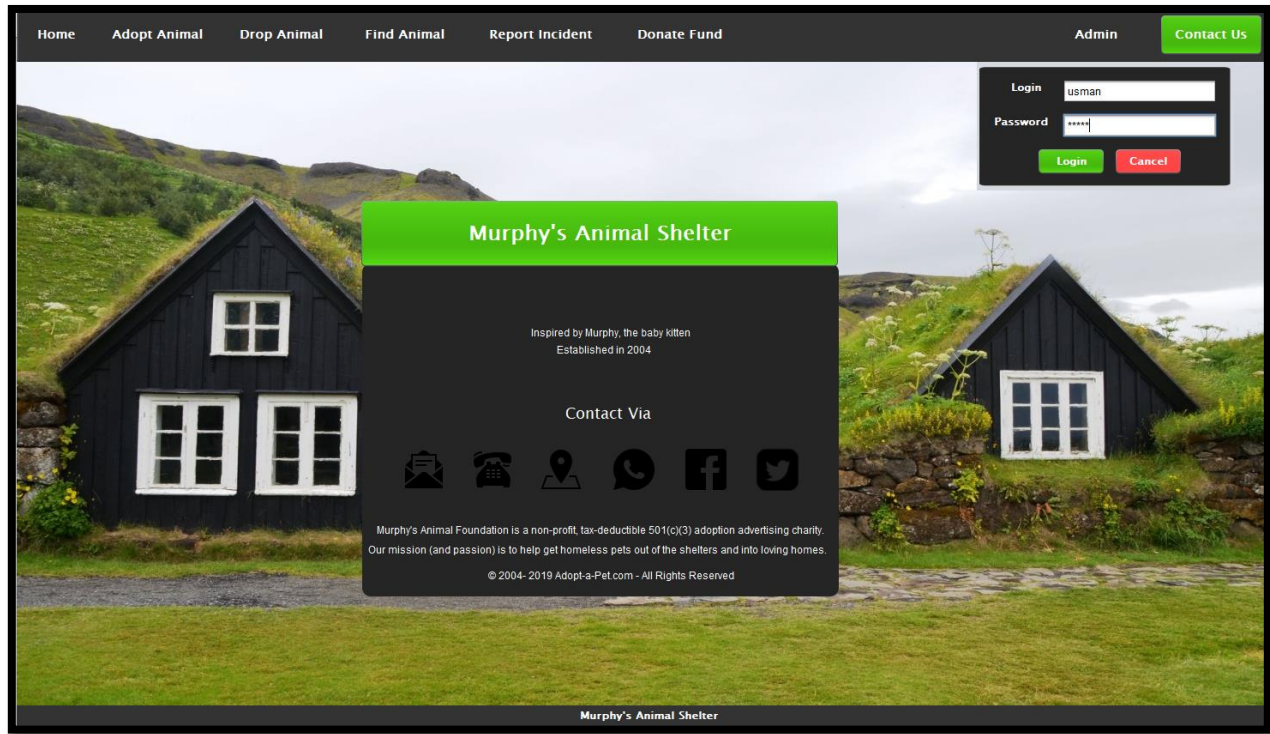
i Your Amount is recieved. Thank you

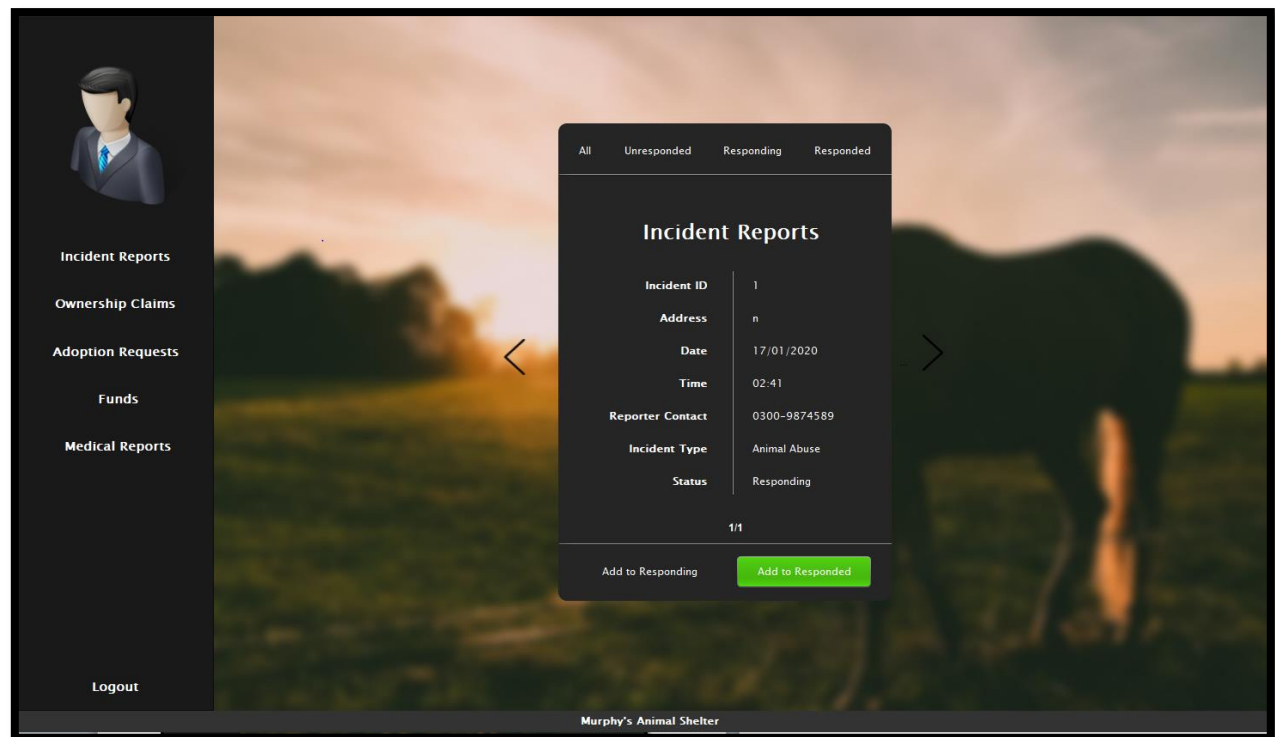
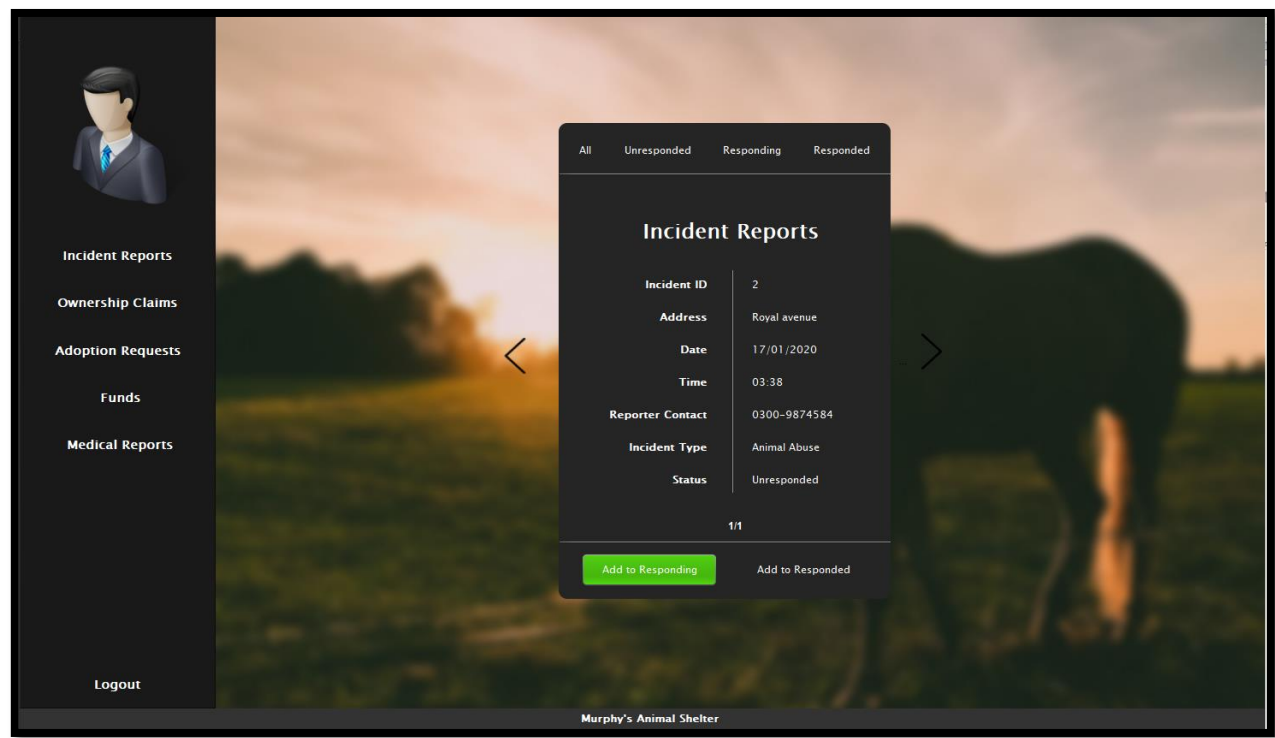
OK

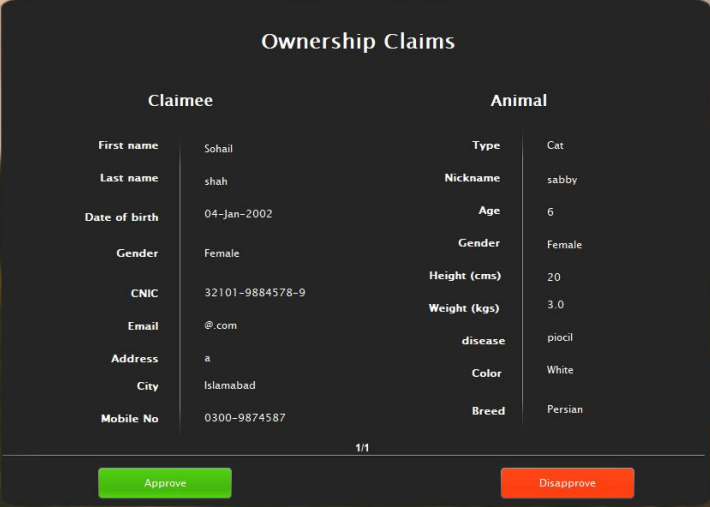
Murphy's Animal Shelter

Chapter 7

Contact Us/Admin







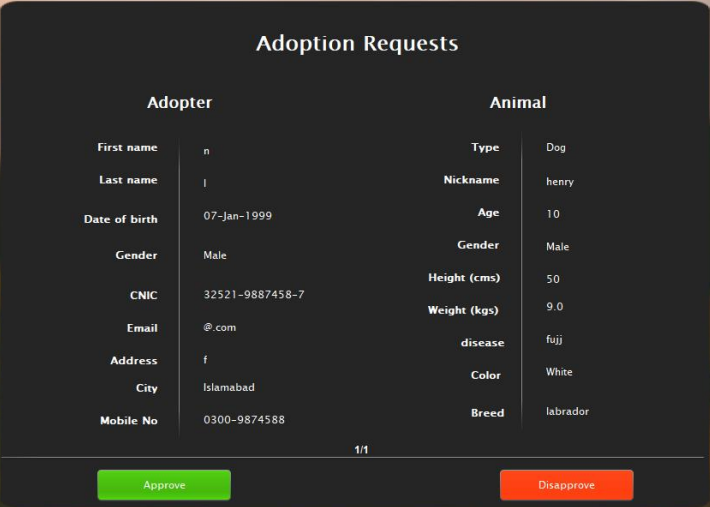
The screenshot shows the 'Ownership Claims' form in the Murphy's Animal Shelter system. The form is divided into two main sections: 'Claimee' and 'Animal'. The 'Claimee' section contains fields for First name, Last name, Date of birth, Gender, CNIC, Email, Address, City, and Mobile No. The 'Animal' section contains fields for Type, Nickname, Age, Gender, Height (cms), Weight (kgs), disease, Color, and Breed. Below the form, there are 'Approve' and 'Disapprove' buttons. The background of the form is a blurred image of a dog in a field.

Claimee		Animal	
First name	Sohail	Type	Cat
Last name	shah	Nickname	sabby
Date of birth	04-Jan-2002	Age	6
Gender	Female	Gender	Female
CNIC	32101-9884578-9	Height (cms)	20
Email	@.com	Weight (kgs)	3.0
Address	a	disease	piocil
City	Islamabad	Color	White
Mobile No	0300-9874587	Breed	Persian

1/1

Approve Disapprove

Murphy's Animal Shelter



The screenshot shows the 'Adoption Requests' form in the Murphy's Animal Shelter system. The form is divided into two main sections: 'Adopter' and 'Animal'. The 'Adopter' section contains fields for First name, Last name, Date of birth, Gender, CNIC, Email, Address, City, and Mobile No. The 'Animal' section contains fields for Type, Nickname, Age, Gender, Height (cms), Weight (kgs), disease, Color, and Breed. Below the form, there are 'Approve' and 'Disapprove' buttons. The background of the form is a blurred image of a dog in a field.

Adopter		Animal	
First name	n	Type	Dog
Last name	l	Nickname	henry
Date of birth	07-Jan-1999	Age	10
Gender	Male	Gender	Male
CNIC	32521-9887458-7	Height (cms)	50
Email	@.com	Weight (kgs)	9.0
Address	f	disease	fujj
City	Islamabad	Color	White
Mobile No	0300-9874588	Breed	labrador

1/1

Approve Disapprove

Murphy's Animal Shelter

