(P.A.W.S)
Pet Adoption Web-based System

A Capstone Project

Presented to the

College of Information Technology, Entertainment, and Communication
University of Batangas – Lipa City

In Partial Fulfillment

of the Requirements for the Degree

Bachelor of Science in Information Technology

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2024

Chapter 1

Introduction

The large increase in concern for animal welfare resulted in the establishment of numerous animal shelters and rescue organizations globally. Most often a cat or a dog. have been popular household pets for thousands of years. Countless families have shared their homes with these animals and formed close emotional bonds. The essence of having these animals alongside people is to give comfort and accompany them. Pets are known to reduce stress levels, anxiety, and depression. Additionally, these animals can also share their loyalty to protect and obey their owners with the guidance of proper training and discipline.

According to the Mars Petcare Pet Homelessness Project report, there are a total of 13.11 million stray cats and dogs in the Philippines today. It's a heart- braking scene, understanding that lots of those harmless animals will in no way enjoy the affection of a family. The unhappy truth is that tens of thousands and thousands of puppies and cats are euthanized each year due to overcrowding and shortage of resources. Besides, the alarming charge of canine and cat abandonment

is compounded by the traumatic truth that many people are killing puppies and cats actually to serve as their 'pulutan' or appetizer simply to accompany their drinks.

However, what if this history could be altered somehow? What if we could use technology to match these animal companions with people who are ready to give them a loving home? The popularity of internet platforms has created more opportunities for the adoption of animals.

Adoption is taking full duty for an animal abandoned in a shelter by its owner or rescued by the animal organization. Adopting a pet isn't a child-play but rather it is a duty and commitment to provide the love, trust, and patience they deserve. However, in the Philippines, there are many abandoned animals, and the most painful is that these animals are left to fend for themselves, facing the reality of abandonment and neglect and being put in overcrowded shelters with no such food. These animals deserve to be loved, and they are still waiting for someone to adopt them.

The goal of this system is to create a friendly website and mobile application which facilitates easy pet adoption throughout the Philippines. Imagine a platform where shelters can showcase adorable animals needing homes, sharing their

personalities and stories with potential adopters. This app

would streamline the adoption process, connect people with their perfect match, and ultimately, give more animals a second chance at happiness. The Researchers can improve the lives of adopters and animals by reducing euthanasia and increasing adoption rates by the use of technology. This will be conducted first in Lipa City but can apply to the Philippines.

OBJECTIVES OF THE STUDY

The main objective of the proposed project is to address the challenges associated with pet adoption and to develop a Pet Adoption Management System for the Philippines. It specifically aims to:

1. To design and develop a user-friendly web-application that facilitates a hassle-free pet adoption experience in Lipa City and to Philippines.

2. To establish a platform where animal shelters can display animals in need of homes and tell prospective adopters about their personalities.

3. To improve the adoption process, connecting people with their perfect match, and give more animals a second chance at happiness.

4. To lower the rate of euthanasia through the use of technology and to boost adoption rates.

5. To improve the lives of adopters and animals by providing a platform that promotes responsible pet ownership and companionship.

6. To start the system's test run in Lipa City and then roll it out across the whole Philippines.

SCOPE AND LIMITATIONS

This study focuses on designing and developing a Pet Adoption Management System for animal shelters in Lipa City and the Philippines. The proposed system was developed to precisely manage the adoption process, track animal profiles. The focus of the study is to aid animal shelters when handling and tracking animal adoptions. The system can manage the profiles and tracking of adoptable animals. It can add the details of the animal data to be stored in the system, search, and filter information about the animal profiles. Moreover, the system can help the staff of the animal shelters make informed decision-making regarding the adoption process and animal welfare. Additionally, the said system provides a data security feature when storing the animal's data and details ensuring data security in cases of data loss.

The development of the Pet Adoption Management System is to be an aid to their current manual process of managing and monitoring each animal adoption. The end-users of the system will be the staff and administrators of animal shelters which will have account access in the system with the key

features of an animal profile management system that covers all the details of the animals, including breed, age, health, and behavior. The feature of requesting adoption, and animal care conditions when they need them secures the data and confidential details of animals that are processed when adopting. It can modify the animal profiles in the system, update, filter, and search details about the animal information in the catalog. The user's system is provided with an adoption request feature that ensures that the animal is well-cared for.

The limitations of the study include dealing with the complexity of animal behavior and welfare, as well as the varying regulations and policies of different animal shelters and organizations. Its focus is primarily on the adoption process and does not include the medical and rehabilitation aspects of animal care. The system is designed for use by animal shelters in Lipa City and the Philippines, and may not be applicable to other regions or countries. The animal shelter staff and administrators are the only authorized personnel that have access to and can modify the specific content of this system. The system is only accessible through web browsers; it is not available on mobile platforms or websites that are hosted on the Internet. The system will not include veterinary care, animal training, or other related matters about animal welfare.

SIGNIFICANCE OF THE STUDY

The researchers focused their study on developing a system that aims to assist in managing and monitoring the pet adoption process in Lipa City. The leverage of the research will aid the succeeding beneficiaries:

The **Animal shelters** will manage the system and can efficiently manage and track the animal profiles, leading to improve the animal welfare and increased the adoption rates.

The **Future Adopter** the system will provide them a user-friendly, where they can search and filter and can request for adoption for the pets they want.

The **community** will be the greatest beneficiary to contribute to lessen the homeless animals and to promote for responsible pet owner, eventually it will benefit the community as a whole.

For **Future Researchers**, the study would be a valuable guide and reference whenever they encounter the same topic or their topic is aligned with their research on pet adoption management systems. This study's findings and recommendations can serve as a foundation for future research

on improving pet adoption processes, animal welfare, or for shelter management.

DEFINITION OF TERMS

To ensure clarity and consistency, the following key concepts and terms used in this study are operationally defined:

- **Admin** – this refers to a person in charge of arrangements and tasks needed to control the operation of a plan, an organization, a person's activities, etc.:

- **Adopter** – refers to acquire (an animal) as a pet especially from an animal shelter. In this study, the adopter is the beneficiary of the Pet Adoption Management System.

- **Animal** – refers to a living creature, including dogs, cats, and other domesticated animals.

- **Animal Profile** – refers to a detailed record of an animal's characteristics,

including breed, age, health status, and behavior, used to match animals with suitable adopters.

- **Animal Shelter** – refers to a facility that provides temporary housing and care for animals awaiting adoption. In this study, the animal shelter is the organization that benefits from the Pet Adoption Management System.

- **Adoption Application** – refers the act of process of adopting someone such as a child or animals Merriam-Webster. (n.d.)..

- **Adoption Process** – refers to the series of steps involved in adopting an animal, including application, screening, and placement.

- **Foster Care** – refers to temporary care provided to animals in a home environment until a permanent adopter is found them.

- **Pet Adoption Management System** – refers to the proposed system designed to manage and streamline the pet adoption process, including animal intake, profiling, matching, and adoption.

- **User** – refers to the staff and officers of the animal shelter or pet adoption

organization who use the Pet Adoption Management System to manage the adoption process.

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