

HOLY ANGEL UNIVERSITY

HEART OF PAWS

An ADWEB Project
Presented to The Faculty of the
School of Computing



In Partial Fulfillment
of the Requirements for the Course
Advanced Dynamic Web Applications (6ADWEB)

Almachar, Ragie Junae C.
Hanschke, Jessica S.
Manalo, Jimwell C.
Perez, John Gabriel T.

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HOLY ANGEL UNIVERSITY**Background/Introduction**

The increasing number of stray and abandoned dogs in Tarlac City has become a serious issue, with many left to survive on the streets without proper care, food, or shelter. Local shelters struggle with limited resources, making it difficult to accommodate and rehabilitate these animals. Despite efforts to rescue and provide homes for stray dogs, many people still prefer buying from breeders rather than adopting, leading to overcrowded shelters and a growing stray population. Lack of awareness about responsible pet ownership further contributes to the problem, as some owners abandon their pets due to unforeseen challenges.

Heart of Paws is an initiative dedicated to rescuing, rehabilitating, and rehoming stray and abandoned dogs by promoting adoption and responsible pet ownership. The project provides a platform where potential adopters can view available dogs, learn about the adoption process, and understand the responsibilities of pet ownership. Additionally, it encourages community involvement through volunteer programs, donation drives, and foster care opportunities to support rescued dogs in their journey to finding a permanent home. By increasing awareness and making the adoption process more accessible, Heart of Paws aims to reduce the number of stray dogs in Tarlac City while fostering a culture of compassion and care for animals.

Problems / Issues

Animal rescue organizations play a crucial role in reducing the number of stray and abandoned dogs, but many, including Heart of Paws, face significant financial and operational challenges that threaten their ability to continue their mission. One of the biggest issues is the high cost of caring for senior dogs, which make up the majority of their rescues. Older dogs require extensive veterinary care, including regular check-ups, specialized treatments, and long-term medication, all of which place a heavy financial burden on the organization. As veterinary costs continue to rise, shelters struggle to cover essential medical expenses, limiting their ability to provide proper care for rescued animals. Additionally, due to financial constraints, Heart of Paws has been forced to temporarily halt its rescue efforts, preventing them from taking in new stray or abandoned dogs in need of urgent care and shelter.

Beyond financial struggles, Heart of Paws also faces difficulties in promoting pet adoption and responsible pet ownership. Despite the growing number of stray dogs in Tarlac City, many people still prefer to buy pets from breeders rather than adopt, contributing to overcrowded shelters and prolonged stays for rescued animals. Misconceptions about shelter dogs being aggressive or unhealthy further discourage adoption, reducing the chances of these animals finding permanent homes. Additionally, with limited resources and public support, it is challenging for the organization to raise awareness and secure consistent donations for food, medical expenses, and shelter maintenance. Without increased community engagement and sustainable financial support, the future of Heart of Paws remains uncertain, and more stray dogs will continue to suffer on the streets without access to proper care and adoption opportunities.



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Objectives

The Heart of Paws website is designed to support the organization in sustaining its rescue efforts and promoting responsible pet ownership specifically for dogs. This platform aims to achieve the following goals:

- Propose the creation of a website that will serve as a platform for greater visibility and support.
- Effectively showcase their mission, share rescue stories, and highlight the needs of their senior dogs.
- Provide a convenient way for people to donate, sponsor a dog, or volunteer.
- Include an adoption section to help rescued dogs find loving homes.
- To expand the online presence of Heart of Paws Tarlac to a wider audience, attract more supporters, and secure the necessary resources to sustain their rescue efforts.

Members and their Roles

Name	Roles
Almachar, Ragie Junae C.	Content Manager
Hanschke, Jessica S.	Documentation
Manalo, Jimwell C.	Back-End Developer
Perez, John Gabriel T.	Front-End Developer

Github Repository Link:

<https://github.com/Heart-of-Paws-Tarlac-Project/Heart-of-Paws-Tarlac-Web-Application.git>

