

# **PetZo**

## **ABSTRACT:**

To further enhance the project's commitment to responsible pet ownership and the well-being of animals, a pet adoption function is integrated into the system. This feature is designed to simplify the process of adopting pets, making it easier for prospective pet owners to find and welcome new companions into their homes. The pet adoption function connects users with reputable animal shelters, rescue organizations, and individuals looking to rehome pets, providing a streamlined platform for adoption.

The adoption process is carefully managed within the system, ensuring that both the needs of the pets and the preferences of the adopters are taken into account. Potential adopters can browse profiles of available pets, view detailed information about their health, behavior, and history, and even filter search results based on specific criteria such as breed, age, size, and temperament. This personalized approach helps match pets with suitable homes, increasing the likelihood of successful and lasting adoptions.

In addition to facilitating adoptions, the system also provides educational resources and support for new pet owners. These resources include guides on pet care, training tips, and advice on integrating a new pet into the family. By offering ongoing support, the system ensures that adopters are well-prepared to meet the responsibilities of pet ownership, ultimately contributing to the well-being of the adopted animals.

The pet adoption function not only benefits individual pets and adopters but also supports animal welfare organizations by increasing the visibility of adoptable pets and streamlining the adoption process. By promoting adoption as a viable and responsible option for acquiring pets, the system plays a crucial role in reducing the number of animals in shelters and encouraging compassionate and informed pet ownership. This integration of adoption into the comprehensive pet care project underscores the system's holistic approach to animal welfare, ensuring that all aspects of pet care, from health monitoring to finding loving homes, are addressed with the utmost care and attention.

## **EXISTING SYSTEM**

The current manual system for pet care involves significant time delays and inefficiencies, as it relies heavily on pet owners to keep track of their pets' health records, vaccination schedules, and care routines. Pet owners must manually remember and schedule vet appointments, often resulting in missed or delayed vaccinations and check-ups, which can compromise pet health. Additionally, ensuring pet safety during owners' absences is challenging, as it requires arranging for pet sitters or boarding, often with inconsistent care quality. The lack of a centralized platform for purchasing pet supplies or finding pets for adoption further adds to the inconvenience, leading to fragmented and time-consuming processes.

## **PROPOSED SYSTEM**

The proposed system is a comprehensive pet care platform that leverages advanced technology to address the multifaceted needs of pet owners and their pets. It integrates features such as timely vaccination reminders, veterinary appointment scheduling, and secure pet care solutions for when owners are absent. Additionally, the system includes an e-commerce platform for buying and selling pets and its accessories, along with a pet adoption function that connects users with reputable shelters and rescue organizations. By offering a seamless connection with veterinary hospitals and providing educational resources, the system promotes responsible pet ownership and ensures the holistic well-being of pets.

### **MODULE DESCRIPTION:**

#### **1. Admin**

- Login
- Verify veterinary hospitals
- Verify pet shop
- View complaint and reply
- Block/unblock veterinary hospital/pet shop
- View hospital rating
- View users
- Request Accept

## **2. Veterinary hospital**

- Registration
- Login
- Update profile
- View hospital rating
- Add & manage healthcare tips for pets
- Add and manage vaccination details
- View requested vaccination details
- View complaint and send reply
- Chat with users

## **3. User**

- Register
- Login
- Update profile
- manage pet details and sent request
- View veterinary hospitals
- view vaccination details
- send hospital rating
- request for vaccination
- send complaint and view reply
- search pets for adoption
- view nearest pet care and send request for service and products
- view request status
- Chat with hospitals/pet shop/users

- View nearby pet shop
- Search pets by type
- Send request for buying pets & check status
- Post images and videos
- View images and videos
- Review and like
- Search pet-care and send request

#### **4. Pet care**

- Register
- Login
- Update profile
- Add & manage service and products
- Verify user request for service and update
- Verify pet-care request and update status
- View order and update status
- Chat with user

### **HARDWARE AND SOFTWARE REQUIREMENT**

The following requirements are only the minimal requirements to run this utility more successfully and efficiently, there should be sufficient memory and software tools for efficient processing.

#### **HARDWARE ENVIRONMENT**

Processor : intel i3 or above

Hard disk	: 320 GB and above
RAM	: 4 GB and above
Monitor	: SVGA color
Keyboard	: 104 keys
Mouse	: Optical mouse

## **SOFTWARE ENVIRONMENT**

OS	: Windows 8 or above
Front End	: html, css, bootstrap, java-script, xml/dart
Back End	: python-django, flutter/java
Database	: MySQL
Browser	: Internet Explorer/ Mozilla Firefox