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"PET ADOPTION WEBSITE"

Guide

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Abstract:

Pet overpopulation and abandonment are major animal welfare issues. Traditional adoption methods are time-consuming, paper-based, and lack transparency. This project introduces a web-based Pet Adoption Website that connects shelters, NGOs, and adopters in a structured and efficient manner. The system consists of three modules: User Module, Shelter Module, and Admin Module. It simplifies the adoption workflow, provides secure authentication, maintains pet profiles, and ensures transparency in the process. The proposed system improves adoption efficiency, encourages responsible pet ownership, and contributes to reducing stray populations. Future enhancements include mobile app integration, AI-based pet matching, and veterinary record updates.

Keywords:

Pet Adoption, Web Application, Animal Welfare, Adoption Management System

Introduction

Pet overpopulation and animal abandonment have become critical issues in today's society, leading to millions of stray animals struggling for survival. Shelters and NGOs are constantly working to rescue, rehabilitate, and rehome abandoned pets, but one of the biggest challenges they face is finding genuine and responsible adopters. Traditional adoption methods are usually paper-based, dependent on physical shelter visits, and lack the transparency and efficiency required to handle large-scale adoption needs. These limitations often discourage potential adopters and cause unnecessary delays in the process.

With the increasing use of technology in everyday life, there is an urgent need for a **centralized web-based platform** that can streamline pet adoption. Such a system should not only provide adopters with easy access to available pets but also support

shelters in managing adoption records and administrators in monitoring adoption activities. By using a digital platform, adopters can conveniently browse through verified pet profiles, shelters can maintain accurate records of available pets, and administrators can ensure transparency in the overall adoption workflow.

Objective

1 To Develop a User-Friendly Interface
2 To Implement Secure Authentication
3 To Create a Shelter Management Module
4 To Facilitate Adoption Requests and Tracking
5 To Provide an Administrative Dashboard
6 To Promote Responsible Pet Ownership
7 To Ensure Data Security and Privacy

System Design and Requirement
The proposed system consists of three modules:
1. User Module – For adopters to register, browse pets, and submit requests.
2. Shelter Module – For NGOs/shelters to manage pet profiles and requests.
3. Admin Module – For administrators to oversee adoption activities and approve/reject requests.

Requirements:
- A web browser and internet connection.
- Secure database for storing pet and user records.
- Authentication system for secure login.

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