

PET ADOPTION SYSTEM USING HTML, CSS, JAVA SCRIPT, PHP, MYSQL**Dr.Raziya Begum¹, S. Chandana², V. Laxmi Prasanna³, P. Prashanth⁴,
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Abstract : In recent years, the pace of people's life has accelerated and the pressure has increased, resulting in an increase in the number of abandoned pets. Pet abandonment is a heartbreaking issue that affects animals worldwide. When owners abandon their pets, it can lead to immediate and long-term consequences for these innocent creatures. Abandoned animals often suffer from malnutrition, exposure to harsh weather, and lack of medical care. So Pet Adoption System project is introduced to handle this abandoned pets. This pet adoption website is a comprehensive solution for connecting pets in need of homes with loving adopters. By combining user friendly design, detailed pet profiles, a streamlined adoption process, and educational resources, the platform significantly enhances the chances of finding forever homes for countless animals.

online pet adoption platform is designed to facilitate the connection between prospective pet owners and animal shelters or rescue organizations. The website offers a user-friendly interface that allows users to search for pets based on species, breed, size, age, and location. It integrates advanced search filters, making it easier for users to find a pet that fits their lifestyle and preferences.

Key features:

Key features include detailed pet profiles with photos, descriptions, and health information, as well as an application process that guides users through the necessary steps to adopt. The platform also provides educational resources, including articles on pet care, training tips, and information on the responsibilities of pet ownership.

1.INTRODUCTION

Now a days pets are being abandoned by owner due to several reasons such as financial constraints, work schedule, behavioural, health issues, allergies etc.,

The count of Total estimated abandoned pets in India are 6.5 million to 10 million from which Total sheltered pets are 1.2 million to 2.3 million.

Many good-hearted folks are prepared to adopt a pet but are unsure of where to look. so they use various social media sites. Many users use social media platforms like Facebook, Instagram etc., to share stories about available pets. Although this approach is quite ineffective, it can be made better.

The **Pet Adoption System** website is designed to facilitate the adoption process by connecting potential petadopters with animal shelters. This platform aims to simplify the search for pets, provide comprehensive information, and support shelters in managing their adoption processes. Key features include detailed pet profiles with photos, descriptions, and health information, as well as an application process that guides users through the necessary steps to adopt. The platform also provides educational resources, including articles on pet care, training tips, and information on the responsibilities of pet ownership.

2. LITERATURE SURVEY

“Pet Adoption App” 2021:

App objective is to create a people friendly online platform where people come to know about various pet that require their help, so they can adopt them and take their pain away. Our app also provides a place where pet friendly people come together and share their experiences through uploading stories of how they rescued an animal.

The main of this application areas follows :-

1. To help stray animals by helping them to find a kind-hearted owner.
2. On this platform people can also upload photos of stray animals around their colony where they need help and people who want to adopt can contact them.
3. People can share their rescue stories with all the users on the app..

“Dog Adoption Website” 2022:

A Dog Adoption Website is a website based on helping dogs and providing them a safe place where they can live in peace and get the love and support. This website intends in helping to the homeless and needy dog to get them a loving and good proper shelter.

Animal Adoption/Surrender platform can help to extend the efficiency in term of communication between public and animal welfare organization. With this platform, public can easily surrender in their own pets or stray animal. This platform is additionally available for public to adopt pets or animal which available in any organization listed within the platform. There also are a Meet and Play page where people can enjoy and spend some experience with our animals at particular day of week. Kind hearted people will get a chance to try to do something for helpless animals. People are going to be able to share their stories of how they rescued Dogs and motivate others to try to do so.

“Pet Adoption and Management System” 2023:

The Pet Adoption and Management System is a comprehensive system designed to streamline and improve the pet adoption process. It aims to enhance animal welfare by efficiently matching pets with suitable adopters, managing volunteer efforts, and facilitating the overall adoption process. This system leverages technology to create a user-friendly platform for both potential adopters and shelter staff, ultimately increasing adoption rates and improving the lives of animals.

“Online Pet Adoption Platform” 2024:

Online Pet Adoption Platform offer a convenient way to connect potential adopters with animals in need of homes. By providing a centralized database of adoptable pets, detailed profiles, and streamlined adoption processes, these platforms can increase adoption rates and reduce the number of animals in shelters. However, online pet adoption platforms also have some disadvantages. One major concern is the potential for fraud and scams, as it can be difficult to verify the authenticity of information provided by individuals or organizations. Additionally, relying solely on online interactions can limit the ability to fully assess a pet's behavior and temperament, which may lead to mismatches between pets and adopters. Furthermore, the lack of in-person interaction can diminish the emotional connection between potential adopters and animals, which is an important factor in successful adoptions.

3. EXISTING SYSTEM**Pet Adoption Center Management System (PACMS):**

Manages pet centers, including employee and animal information, adoption records, and health conditions.

Pet Adoption App (Flutter):

A mobile app that allows users to view and adopt pets, featuring pet profiles, search functionality, and user management.

Adopt-a-Pet Website (React Router):

A web application that enables users to view adoptable pets, filter by species, and see detailed animal profiles.

AI-Based Pet Adoption System:

Divided into modules like user management, pet management, and adoption tracking, using technologies like MongoDB and the SSM framework.

Pet Adoption Web Application (MERN Stack):

Built with the MERN stack, this web app includes user authentication, pet listings, and adoption tracking. Due to limited user engagement, inadequate search, outdated interfaces, insufficient data management, lack of real-time updates etc., in existing systems can lead to several issues like low adoption rates, user frustration, accessibility issues etc.

4. PROBLEM STATEMENT

To design and develop an application to adopt pets rather than buying. This offers a user-friendly interface that allows users to search for pets based on species, breed, size, age, and location. It also

provides educational resources, including articles on pet care, training tips, and information on the responsibilities of pet ownership.

5. PROPOSED SYSTEM

The suggested method Pet Adoption System is a centralized web platform where animal shelters can post listings of available pets and individuals looking to adopt can browse through a list of animals available at different animal shelters. Individuals don't need to look in their areas for animal shelters. To find a pet, people don't need to go to different pet shelters. Via the platform, users can get in touch with shelters directly. The adoption process will be extremely effective as a result. And also provide the health care tips and training tips and pet ownership responsibilities.

PROCESS DIAGRAM

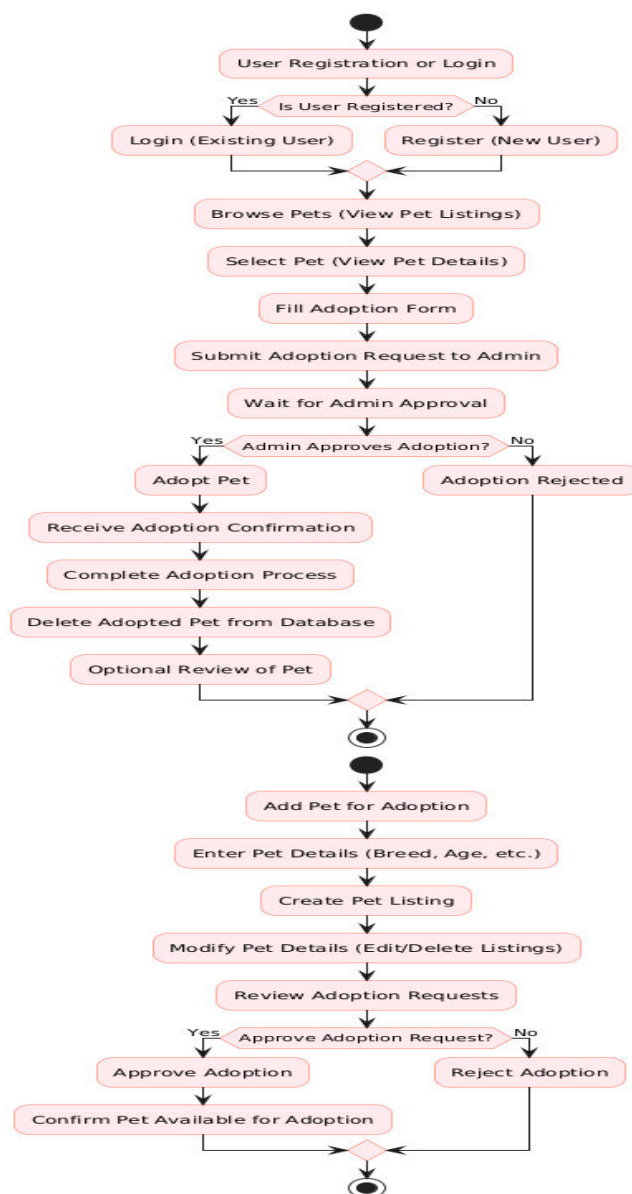


Fig 5.1: Pet Adoption System propose diagram

6.ADVANTAGES

- It is easy to adopt pets online
- Adopting pets are less expensive than buying from stores
- Improves direct communication between adopters and shelters
- Pets are greatful companions
- The pets can find forever homes
- This reduces pet overpopulation
- It can strengthen family bonding
- This can teach children responsibility

7.RESULT

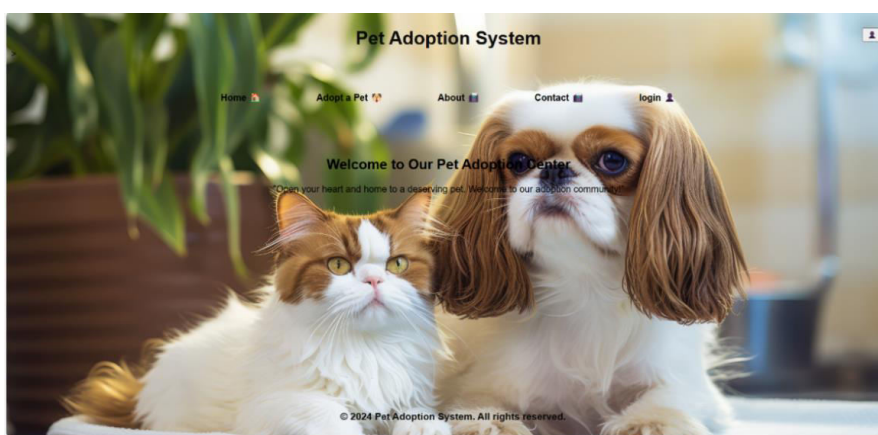


Fig 7.1:home page

- Fig7.1 represents Pet Adoption System homepage.

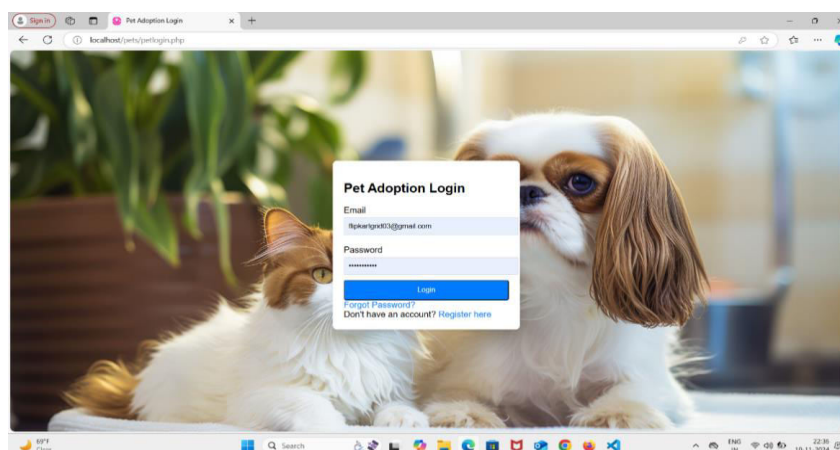


Fig 7.2:login page

- Fig7.2 represents After registration user can directly login with their details.

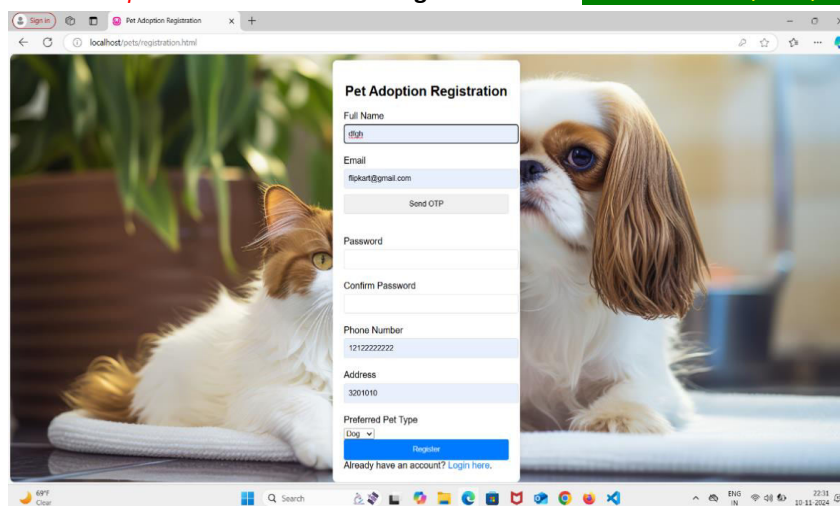


Fig 7.3:registration page

- Fig7.3 represents User can register with the following details and the main step in registrationsending OTP and verifying OTP. Here the above picture gives sending OTP step.

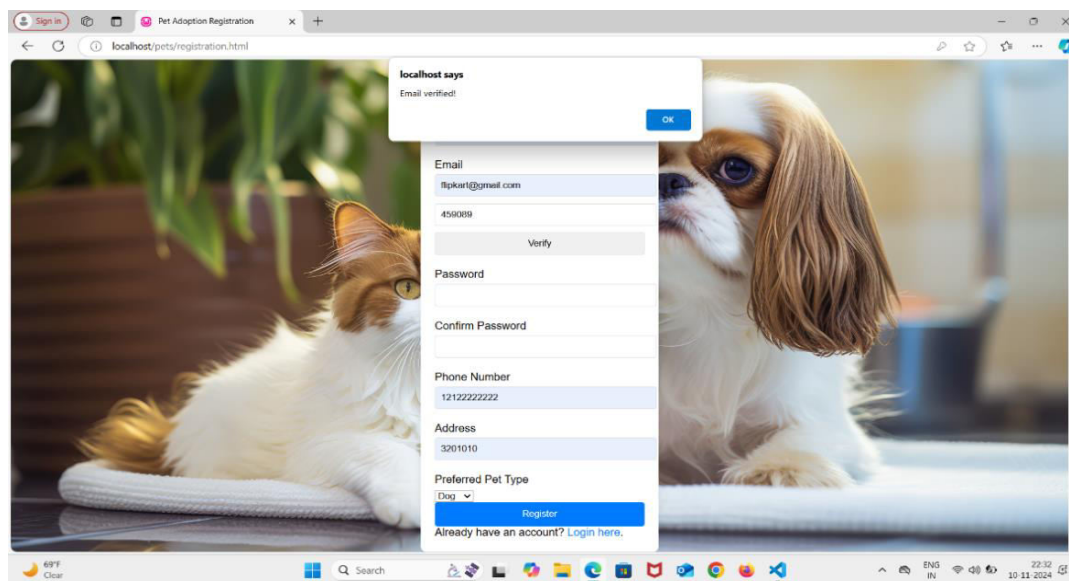


Fig 7.4: OTP validation page

- Fig7.4 represents Verifying OTP step with which registration process completes.

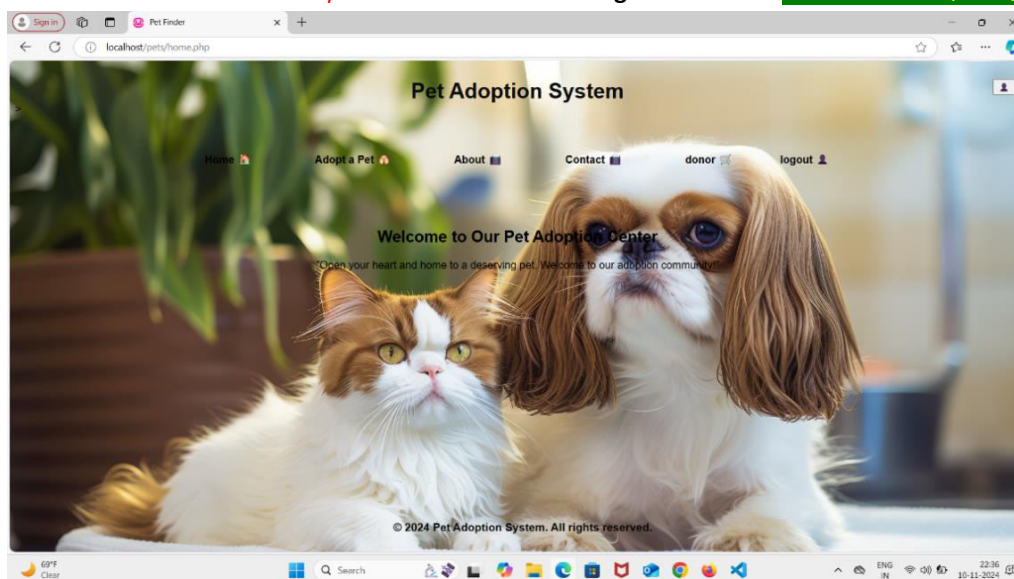


Fig 7.5:login successful

- Fig 7.5 represents the home page once after User get logged in.

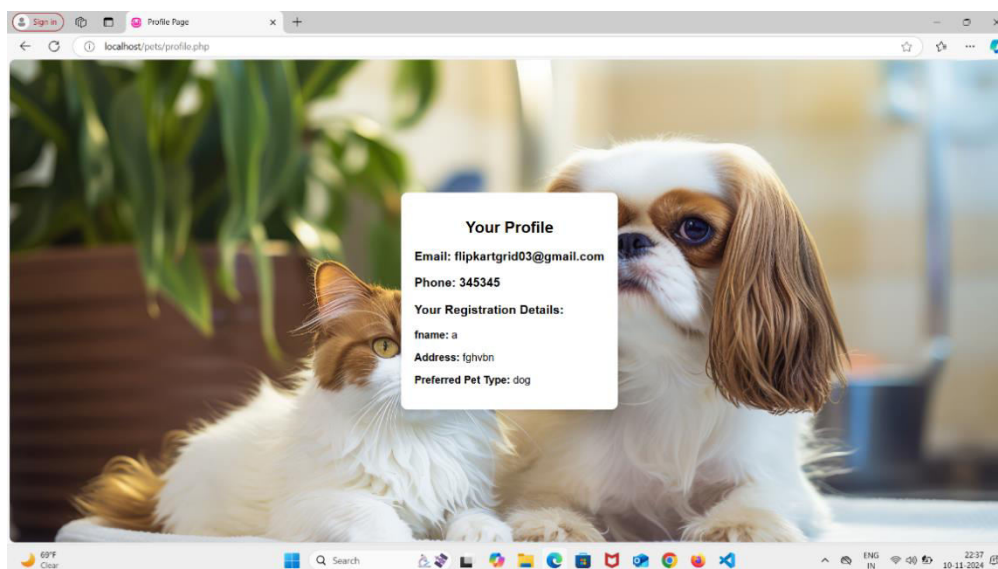


Fig 7.6:profile page

- Fig7.6 represents the profile of the User who logged in. By clicking the profile icon which is located in top-right in home page.

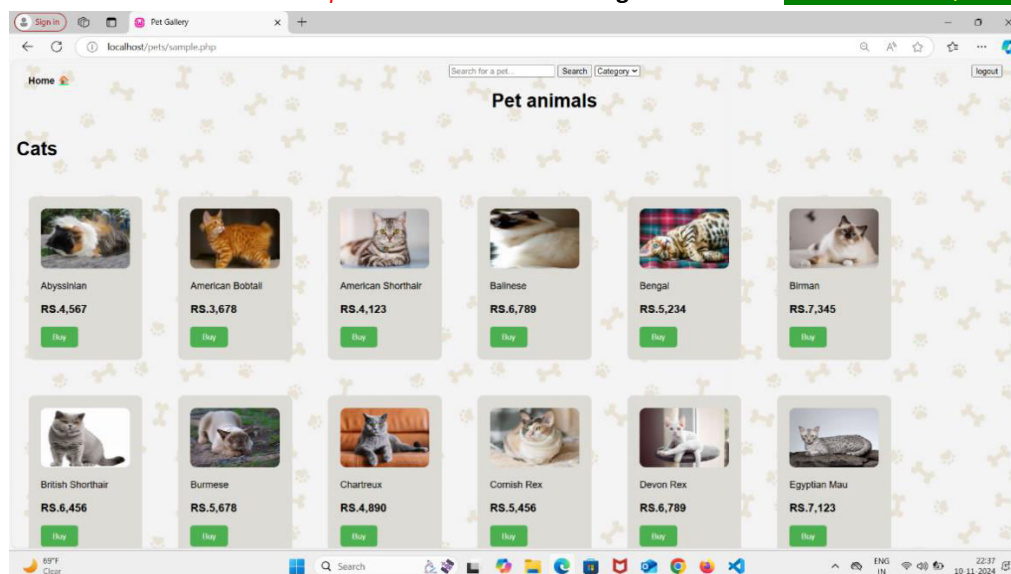


Fig 7.7:adopt pet page

- Fig7.7 represents theadopt a pet page. Which displays all available pets.

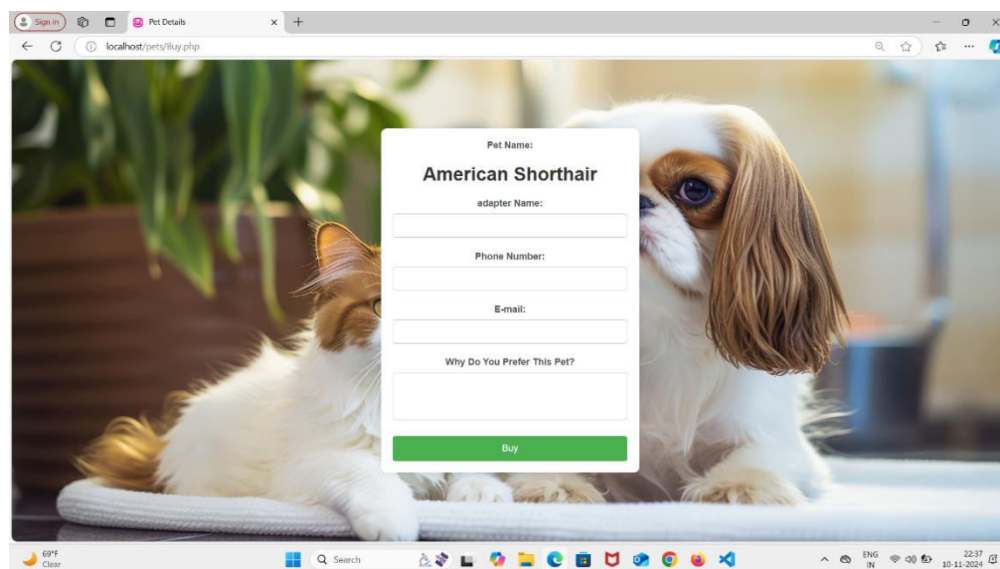


Fig 7.8: Adoption form page

- Fig7.8 represents the Adoption Form which should be filled by user for adopting a pet.

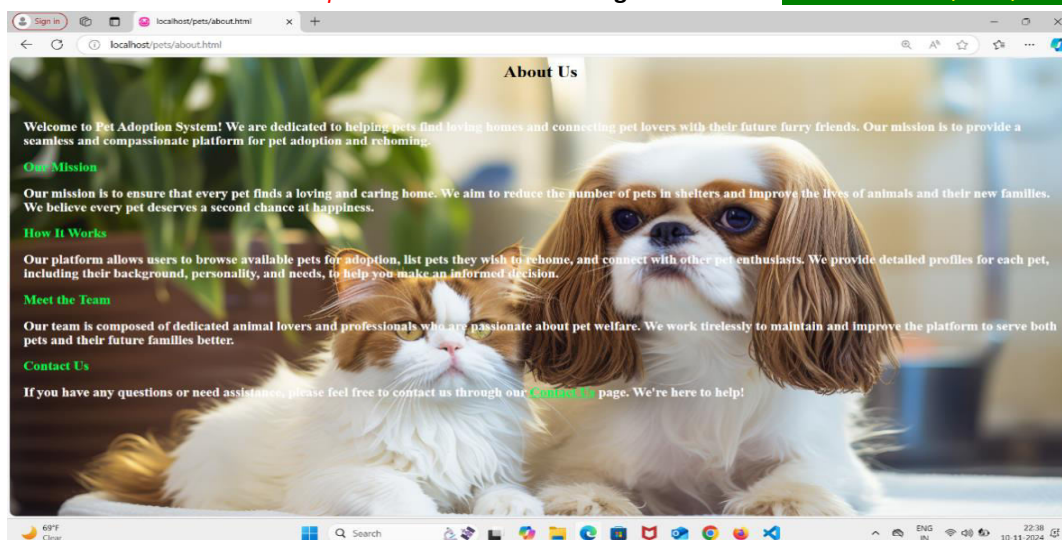


Fig 7.9:About Us page

- Fig7.9 represents the About Us page of Pet Adoption System.

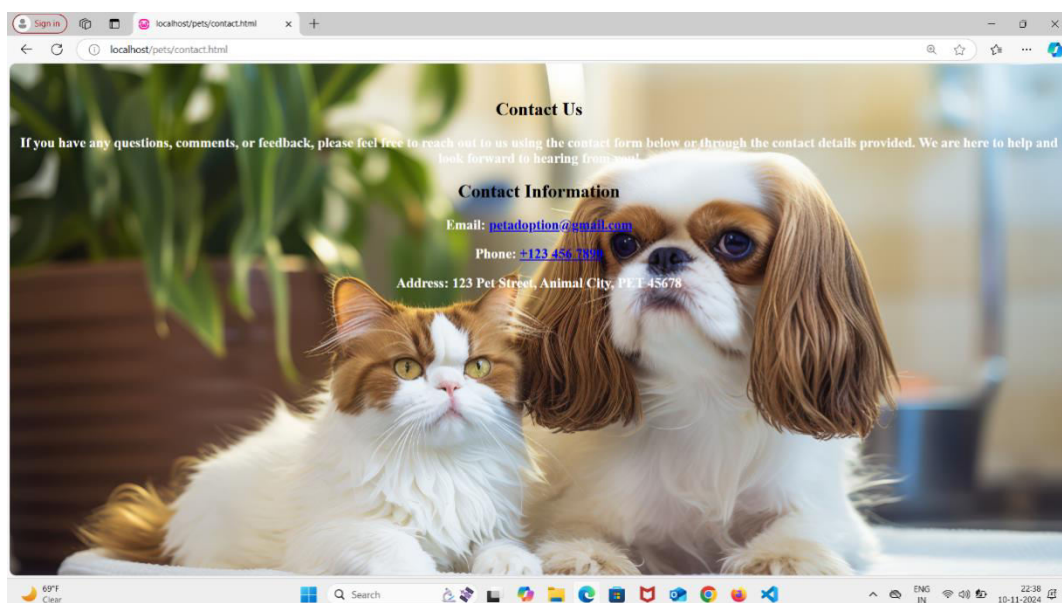


Fig 7.10:Contact Us page

- Fig7.10 represents Contact Us Page of Pet Adoption System.

localhost/pets/donor.php

Donate Your Pet

Breed:

Sex:

Origin:

Age:

Reason:

Temperament:

Color:

Size:

Exercise Requirements:

Training:

Personality:

Health Concerns:

Price:

Upload Image:

Submit

Fig 7.11: Sell pet page

- Fig7.11 represents the Donar Pet Page. where a donar needs to fill the above mentioned details to sell his/her pet..

Admin Panel

Donor Buyer

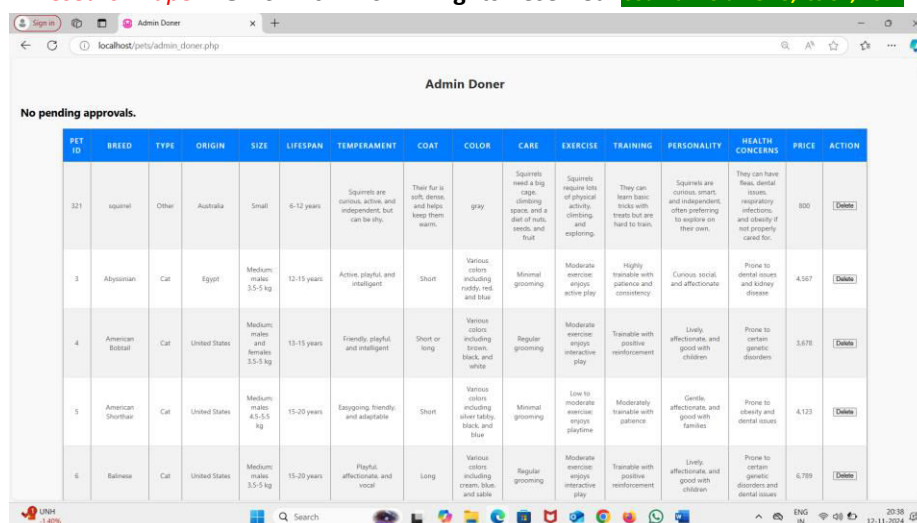
Total Orders: 6

Approved Orders: 5

Pending Orders: 1

Fig 7.12: Admin home page

- Fig7.12represents the Home page of Admin.



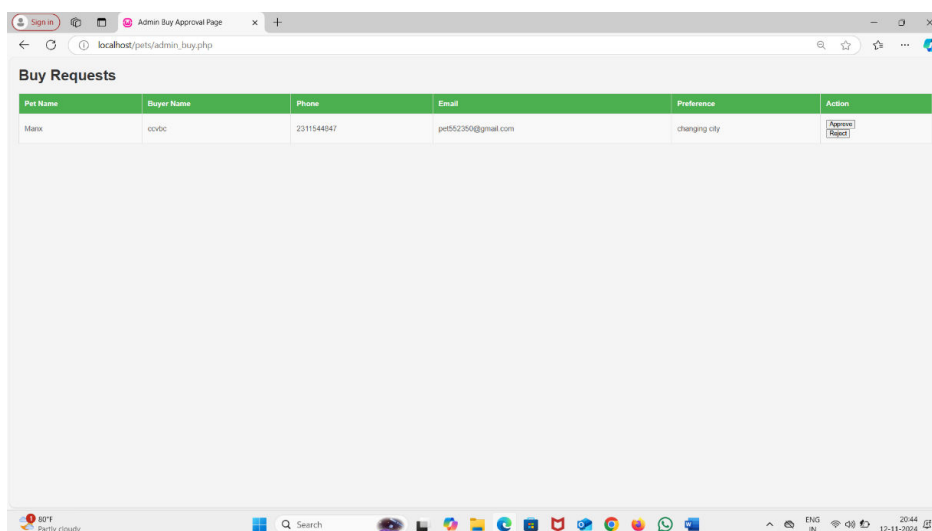
Admin Donor

No pending approvals.

PET ID	BREED	TYPE	ORIGIN	SIZE	LIFESPAN	TEMPERAMENT	COAT	COLOR	CARE	EXERCISE	TRAINING	PERSONALITY	HEALTH CONCERNS	PRICE	ACTION
321	squirrel	Other	Australia	Small	8-12 years	Squirrels are curious, active, and independent but can be shy.	Their fur is soft, dense, and helps keep them warm.	gray	Squirrels need a big cage, climbing space, and a diet of nuts, seeds, and fruit.	Squirrels require lots of physical activity, climbing, and exploring.	They can learn basic tricks with treats but are hard to train.	Squirrels are curious, smart, and independent, often preferring to explore on their own.	They can have fleas, dental issues, respiratory infections, and obesity if not properly cared for.	800	Delete
3	Abyssinian	Cat	Egypt	Medium: males 3.5-5 kg	12-15 years	Active, playful, and intelligent	Short	Various colors including ruddy, red, and blue	Minimal grooming	Moderate exercise enjoys active play	Highly trainable with patience and consistency.	Curious, social, and affectionate	Prone to dental issues and kidney disease	4,587	Delete
4	American Bobtail	Cat	United States	Medium: males and females 3.5-5 kg	13-15 years	Friendly, playful, and intelligent	Short or long	Various colors including brown, black, and white	Regular grooming	Moderate exercise enjoys interactive play	Trainable with positive reinforcement	Lively, affectionate, and good with children	Prone to certain genetic disorders	3,478	Delete
5	American Shorthair	Cat	United States	Medium: males 4.5-5.5 kg	15-20 years	Easygoing, friendly, and adaptable	Short	Various colors including silver tabby, black, and blue	Minimal grooming	Low to moderate exercise enjoys playtime	Moderately trainable with patience	Gentle, affectionate, and good with families	Prone to obesity and dental issues	4,123	Delete
6	Burmese	Cat	United States	Medium: males 5.5-9 kg	13-20 years	Playful, affectionate, and vocal	Long	Various colors including cream, blue, and sable	Regular grooming	Moderate exercise enjoys interactive play	Trainable with positive reinforcement	Lively, affectionate, and good with children	Prone to certain genetic disorders and dental issues	6,789	Delete

Fig 7.13:Donar request Page

- Fig7.13represents the Donar page of Admin



Buy Requests

Pet Name	Buyer Name	Phone	Email	Preference	Action
Marx	ccdc	2311544847	pet552350@gmail.com	changing city	Approve Request

Fig7.14:Buyer request page

- Fig7.14 represents the Buyer page of Admin.

8. CONCLUSION

The Pet Adoption System website is a comprehensive platform designed to streamline the pet adoption process, benefiting both potential adopters and animal shelters. By leveraging modern web technologies, this system aims to create a seamless and efficient experience for all users involved. The platform offers an intuitive and easy-to-navigate interface, allowing users to search for pets based on various criteria such as species, breed, age, and location. Each pet profile

include detailed pet profiles with photos, descriptions, and health information, as well as an application process that guides users through the necessary steps to adopt. The platform also provides educational resources, including articles on pet care, training tips, and information on the responsibilities of pet ownership. The online adoption application form simplifies the process for both adopters and shelters, reducing paperwork and speeding up the adoption process.

The platform makes it easier for individuals to find and adopt pets, providing them with all the necessary information to make informed decisions. The system supports shelters in managing their operations more effectively, helping them reach a wider audience and increase adoption rates. In the end, the Pet Adoption System website is a valuable tool that bridges the gap between potential adopters and animal shelters. By providing a user-friendly platform with comprehensive features, this system aims to increase pet adoption rates, support shelters in their mission, and foster a community dedicated to animal welfare. The successful implementation of this project not only demonstrates technical proficiency but also contributes to a noble cause, making a positive impact on society.

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