1. Introduction to Project

1.1 Introduction:

PetCare, an innovative venture in the realm of pet care and adoption, seeks to revolutionize the way individuals connect with and care for their animal companions. With an increasing number of people expressing interest in pet adoption, fostering, and overall well-being of animals, PetCare emerges as a comprehensive solution, integrating pet adoption services, user-generated listings for pet adoption, and a dedicated e-commerce platform for pet accessories.

1.2 Existing System:

The existing systems for pet adoption and care are often fragmented, relying heavily on manual processes and localized efforts. Traditional brick-and-mortar shelters and individual adoption agencies struggle to reach a wider audience, hindering the chances of pets finding suitable homes. This disjointed approach leads to delays, missed opportunities, and challenges in managing the diverse needs of pets and potential adopters.

PetCare recognizes the limitations of the current system and aspires to bridge the gaps by providing a centralized online platform. This platform serves as a virtual hub, connecting pet lovers, potential adopters, and accessory buyers in an efficient and accessible manner. By addressing the shortcomings of the existing system, PetCare strives to create a more inclusive and streamlined experience for all stakeholders.

1.3 Need and Scope of Computer System:

Need for a Computerized System:

- Efficiency in Pet Adoption: A computerized system allows for real-time pet adoption listings, ensuring that potential adopters can explore available pets instantly.
- User Empowerment: The addition of a user-generated pet listing feature empowers individuals to showcase their pets for adoption, expanding the range of animals seeking homes.
- Marketplace for Pet Accessories: Recognizing the need for a convenient source of quality pet products, PetCare integrates an e-commerce system to offer a diverse array of accessories.

Scope of the Computer System:

- Comprehensive Pet Adoption Platform: PetCare will serve as a centralized platform for pet adoption, featuring a wide range of animals from various sources.
- User-Generated Pet Listings: Users can actively participate by adding their own pets for adoption, fostering collaboration between adopters and those looking to rehome their pets.
- **E-Commerce Integration :** The system includes an online marketplace where users can purchase essential and luxury accessories for their pets.
- Enhanced Accessibility: Leveraging technology ensures accessibility to a broader audience, overcoming geographical limitations of traditional adoption centers.

In essence, PetCare's computerized system aims to create a harmonious ecosystem where pets find caring homes, individuals contribute to the adoption process, and pet owners access high-quality accessories conveniently.

2. Proposed System

2.1 Objectives:

- To streamline the pet adoption process by providing a centralized online platform, facilitating real-time listings of pets available for adoption.
- To empower pet owners to actively contribute by adding their pets for adoption, fostering collaboration between potential adopters and individuals looking to rehome their pets.
- To integrate a dedicated e-commerce system for pet accessories, offering a diverse array of high-quality pet products for users to purchase.
- To leverage technology to ensure accessibility to a broader audience, overcoming geographical limitations of traditional adoption centers, and provide a user-friendly interface for a seamless experience.

2.2 Requirement Engineering:

Requirement Gathering:

In the process of requirement gathering, we conducted thorough research and interactions with potential users, pet owners, and adoption agencies. The primary focus was on understanding the needs and challenges faced by both pet seekers and pet owners. Key insights were obtained through surveys, interviews, and feedback sessions, allowing us to identify critical features and functionalities for the PetCare platform.

Software Requirements:

- Operating System : Microsoft Windows XP/NT, Windows 7 & above
- Web Browser: Internet Explorer, Google chrome, Mozilla Firefox etc.
- Front-End: HTML, CSS, JAVASCRIPT
- Back-End : PHP, MySQL
- Web Server : Xampp Server

Hardware Requirements:

- 8GB Ram and above
- 2GB Hard Disk and above
- Dual-core processor (1.6 GHz or above)
- Keyboard
- Monitor
- Mouse

Features of HTML

The internet is international network of computer that exchange information with each other the World Wide Web (www) is a vast inter connected library of information art and commerce. The web consists of several web pages.

HTML is used to build web pages. Once web page is build it can be published on internet. Publishing means transferring web page to a server so that people all over the world will be able to read it there is a huge variety of web pages for e.g. we have personal home pages business home pages directories (List of web pages), search engines & artistic projects.

Ones the world page is published, it can be accessed through internet tools called web browsers internet explorer or Netscape navigator are web browsers. HTML can be used to build any type of web pages. It is a universal language for classifying the function of different sections of documents. It defines different part is addressing which part should be emphasized and which part should include an image so on.

HTML specifies parts of your document so that browsers can display it correctly. This allows the document to be displayed on many different kinds of platforms. That is the document can be displayed on different hardware having different systems.

HTML is designed to work not only on simple PC's but also on graphical work stations dumb terminal network computers, handheld devices and much more.

HTML document can not only be put on computer screen but also on printer, fax machine, TV sets, game consoles, digital watches and text to speech machines even on phone you an here a web page.

Advantages of HTML

For creating HTML document what you need is only text editor no special software is required for e.g. in windows you can use notepad for typing a HTML document.

- ❖ You will have much better concept of the structure your page and understanding of how it works.
- ❖ If something is not working, then finding error is easy in HTML.
- ❖ Learning HTML is not working than any other programming language.
- ❖ You can work independently and you need not have to rely on programmer you need not worry about your editing programmers.
- * HTML will not cost you anything for its use. IT requires no expensive license to buy or no update purchase.

Limitation of HTML

- ❖ Any simple calculation cannot be done in HTML.
- ❖ If cannot be used to display even a date.
- ❖ The interactive web page can be built in HTML.
- * HTML is not a programming language in true sense.
- ❖ Any hyperlink is provided in HTML but for that we need a trip to server at each step.
- ❖ The web pages developed in HTML do not have their own interface.

What is PHP

PHP is an open-source, interpreted, and object-oriented scripting language that can be executed at the server-side. PHP is well suited for web development. Therefore, it is used to develop web applications (an application that executes on the server and generates the dynamic page.).

PHP tutorial for beginners and professionals provides in-depth knowledge of PHP scripting language. Our PHP tutorial will help you to learn PHP scripting language easily.

This PHP tutorial covers all the topics of PHP such as introduction, control statements, functions, array, string, file handling, form handling, regular expression, date and time, object-oriented programming in PHP, math, PHP MySQL, PHP with Ajax, PHP with jQuery and PHP with XML.

Why PHP?

- PHP runs on various platforms (Windows, Linux, Unix, Mac OS X, etc.)
- PHP is compatible with almost all servers used today (Apache, IIS, etc.)
- PHP supports a wide range of databases
- PHP is free. Download it from the official PHP resource: <u>www.php.net</u>
- PHP is easy to learn and runs efficiently on the server side

Features of PHP

- It is most popular and frequently used world wide scripting language, the main reason of popularity is; It is open source and very simple.
- Simple
 - It is very simple and easy to use, compare to other scripting language it is very simple and easy, this is widely used all over the world.
- Interpreted
 It is an interpreted language, i.e. there is no need for compilation.

Faster

It is faster than other scripting language e.g. asp and JSP.

• Open Source

Open source means you no need to pay for use php, you can free download and use.

• Platform Independent

PHP code will be run on every platform, Linux, Unix, Mac OS X, Windows.

• Case Sensitive

PHP is case sensitive scripting language at time of variable declaration. In PHP, all keywords (e.g. if, else, while, echo, etc.), classes, functions, and user-defined functions are NOT case-sensitive.

• Error Reporting

PHP have some predefined error reporting constants to generate a warning or error notice.

• Real-Time Access Monitoring

PHP provides access logging by creating the summary of recent accesses for the user.

MySQL

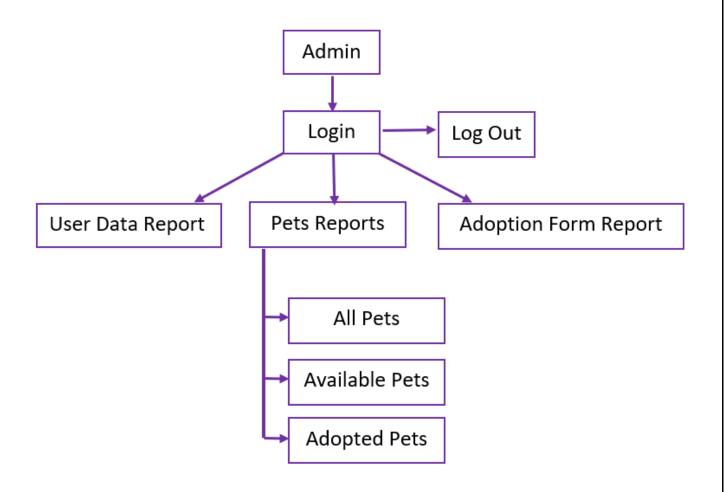
MySQL is the most popular Open Source Relational SQL Database Management System. MySQL is one of the best RDBMS being used for developing various web-based software applications. MySQL is developed, marketed and supported by MySQL AB, which is a Swedish company. This tutorial will give you a quick start to MySQL and make you comfortable with MySQL programming.

MySQL is a fast, easy-to-use RDBMS being used for many small and big businesses. MySQL is developed, marketed and supported by MySQL AB, which is a Swedish company. MySQL is becoming so popular because of many good reasons –

- MySQL is released under an open-source license. So you have nothing to pay to use it.
- MySQL is a very powerful program in its own right. It handles a large subset of the functionality of the most expensive and powerful database packages.
- MySQL uses a standard form of the well-known SQL data language.
- MySQL works on many operating systems and with many languages including PHP, PERL, C, C++, JAVA, etc.
- MySQL works very quickly and works well even with large data sets.
- MySQL is very friendly to PHP, the most appreciated language for web development.
- MySQL supports large databases, up to 50 million rows or more in a table.
 The default file size limit for a table is 4GB, but you can increase this (if your operating system can handle it) to a theoretical limit of 8 million terabytes (TB)
- Reasons for popularity
- MySQL is becoming so popular because of these following reasons:
- MySQL is an open-source database, so you don't have to pay a single penny to use it
- MySQL is a very powerful program that can handle a large set of functionality of the most expensive and powerful database packages.
- MySQL is customizable because it is an open-source database, and the open-source GPL license facilitates programmers to modify the SQL software according to their own specific environment.
- MySQL is quicker than other databases, so it can work well even with the large data set.
- MySQL supports many operating systems with many languages like PHP,
 PERL, C, C++, JAVA, etc.
- MySQL uses a standard form of the well-known SQL data language.

3. System Analysis **3.1** Site map: PETCARE Adoption Website Home Log out Cart Login Sign In About Us Accessories Donate Rehome Adoption Petcare Donation Add Pet Form Your Form Pet Healthcare Dog Food Cat Food Accessories Data PET Adoption Bows & Bandanas Form **Grooming Supplies** Bed & Mats Fleas and Ticks Bowls & Feeders Training and Cleaning Apparels Toys Leashes, Collars & Harness 15

3.1 Site map:



4. System Design

4.1 Database Design:

1) Users –

# Name	Туре	Collation	Attributes	Null	Default	Comments	Extra	Action	
1 user_id 🔑	int(50)			No	None		AUTO_INCREMENT	Change	Drop
2 username	varchar(50)	utf8mb4_general_ci		No	None			Change	Drop
3 password	varchar(50)	utf8mb4_general_ci		No	None			Change	Drop
4 mob	varchar(10)	utf8mb4_general_ci		No	None			Change	Drop
5 registration_date-tim	e datetime			No	current_timestamp()			Change	Drop

2) Pets –

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra	Action	
1	pet_id 🔑	int(50)			No	None		AUTO_INCREMENT	Change	Drop
2	user_id 🔑	int(50)			No	None			Change	Drop
3	pet_img	varchar(500)	utf8mb4_general_ci		No	None			Change	Drop
4	pet_name	varchar(50)	utf8mb4_general_ci		No	None			Change	Drop
5	pet_type	varchar(50)	utf8mb4_general_ci		No	None			Change	Drop
6	breed	varchar(50)	utf8mb4_general_ci		No	None			Change	Drop
7	gender	varchar(10)	utf8mb4_general_ci		No	None			Change	Drop
8	age	varchar(100)	utf8mb4_general_ci		No	None			Change	Drop
9	vaccination	varchar(30)	utf8mb4_general_ci		No	None			Change	Drop
10	good_with_kids	varchar(10)	utf8mb4_general_ci		No	None			Change	Drop
11	adoption_status	varchar(50)	utf8mb4_general_ci		No	Available			Change	Drop
12	date	datetime			No	current_timestamp()			Change	Drop

3) Adoption Form -

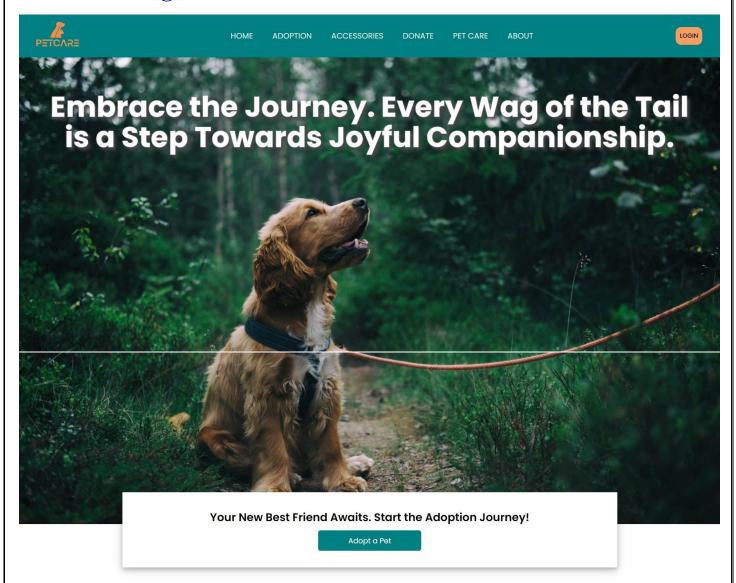
# Name	Туре	Collation	Attributes	Null	Default	Comments	Extra	Action	
1 id 🔑	int(50)			No	None		AUTO_INCREMENT	Change	Drop
2 user_id 🔑	int(50)			No	None			Change	Drop
3 pet_id 🔑	int(50)			Yes	NULL			Change	Drop
4 fullName	varchar(255)	utf8mb4_general_ci		No	None			Change	Drop
5 email	varchar(255)	utf8mb4_general_ci		No	None			Change	Drop
6 phone	varchar(20)	utf8mb4_general_ci		No	None			Change	Drop
7 address	text	utf8mb4_general_ci		No	None			Change	Drop
8 otherPets	text	utf8mb4_general_ci		Yes	NULL			Change	Drop
9 adoptionMotivation	text	utf8mb4_general_ci		Yes	NULL			Change	Drop
10 budgetForCare	varchar(100)	utf8mb4_general_ci		Yes	NULL			Change	Drop
11 comments	text	utf8mb4_general_ci		Yes	NULL			Change	Drop
12 submissionDate	timestamp			No	current_timestamp()			Change	Drop

4) Admin –

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra	Action	
1	id 🔑	int(50)			No	None		AUTO_INCREMENT	Change	Drop
2	admin_name	varchar(50)	utf8mb4_general_ci		No	None			Change	Drop
3	password	varchar(50)	utf8mb4_general_ci		No	None			Change	Drop
4	date	datetime			No	current_timestamp()			Change	Drop

4.2 Input Design:

Home Page -



Why Adopt a Pet?

Adopting a pet not only brings joy and companionship into your life, but it also saves lives. When you adopt, you give a homeless animal a second chance at life and provide them with a loving forever home. Every pet deserves a chance to be loved, so consider adoption today!

Adopt Now



Find the Perfect Accessories for Your Pet

Explore our wide range of pet accessories to keep your furry friends happy and healthy. From cozy beds and interactive toys to stylish collars and nutritious treats, we have everything you need to pamper your pets.

Whether you have a playful pup, a curious cat, or a cuddly rabbit, our accessories are designed to meet their unique needs and preferences. Shop now and make your pet's life even more enjoyable!

Shop Now



Support Our Mission

Your donation helps us provide care, shelter, and medical treatment to pets in need. By donating, you become a vital part of our mission to save and improve the lives of animals.

Whether it's a one-time contribution or a monthly pledge, every donation helps us make a difference in the lives of pets awaiting their forever homes.

Together, we can give these animals the love and care they deserve. Please consider making a donation today!

Donate Now



Discover Pet Care Resources

At PetCare, we offer a variety of resources to support pet owners in providing the best care for their furry companions. Our resources aim to empower pet owners and strengthen the bond with their pets.

Explore our collection of resources to find valuable information on pet health, behavior, training, nutrition, and more. Whether you're a new pet parent or a seasoned enthusiast, PetCare is your go-to destination for all things pet-related!

Explore Resources



About Us

At PetCare, our mission is to advocate for the well-being of animals and promote responsible pet ownership. We provide a platform that connects loving homes with pets in need, creating harmonious and fulfilling companionships.

Whether you're looking to adopt a new furry friend or seeking accessories for your beloved pet, PetCare is here to help. Join us in fostering a community that cherishes and respects every animal!

Learn More



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Login -

Login Username: Password: Login If you don't have an account, create one!

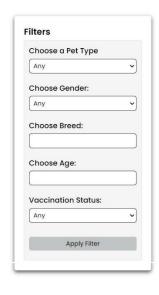
Sign In -

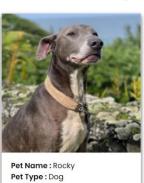
Create Account								
New Userno	me:							
Mobile No:								
New Passwo	ord:							
	Create Account							

Adoption Page-



Pets Available for Adoption





Gender: Male Breed: Pitbull

Adoption status : Available



Pet Name : Charlie Pet Type: Dog Gender: Female Breed: Shih Tzu Age:3

Adoption status : Available



Pet Name: Sheru Pet Type : Dog Gender: Male Breed: Indian Spitz Age: 4

Adoption status : Available



Pet Name: Tom Pet Type : Cat Gender: Female Breed: Tabby cat

Adoption status : Available



Gender: Male Breed: Telomian

Adoption status : Available



Pet Name : Angel Pet Type : Cat Gender: Male Breed: Tabby cat Age:1

Adoption status : Available



Pet Name : Jerry Pet Type : Cat Gender: Male Breed: Arabian Mau Age:6

Adoption status : Available



Pet Name: Jojo Pet Type : Dog Gender: Female Breed: Chihuahua

Age:3

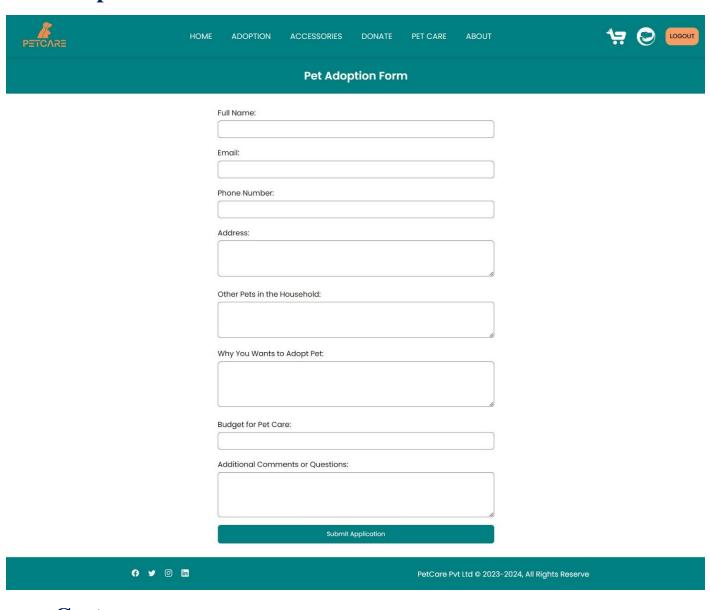
Adoption status : Available



Pet Type : Cat Gender: Male Breed: Tabby cat

Adoption status : Available

Adoption Form –



Cart -



Your Adopted pets



Owner's Contact No.: 1122334455

Pet Name: Simba
Pet Type: Cat
Gender: Male
Breed: Arabian Mau
Age: 4
Vaccination: Vaccinated
Good with kids: Yes
Owner's Contact No.: 1234567890

Rehome Pets –









Welcome, Prathamesh!

Your Pets Available for Adoption:



Pet Name: Rocky Pet Type : Dog Gender: Male Breed: Pitbull Age:5

Vaccination: Vaccinated Good with kids: No Adoption status : Available



Pet Name: Tom Pet Type : Cat Gender: Female Breed: Tabby cat Age:4 Vaccination: Vaccinated

Good with kids: Yes Adoption status : Available



Pet Type : Dog Gender: Male Breed: Telomian Age: 4

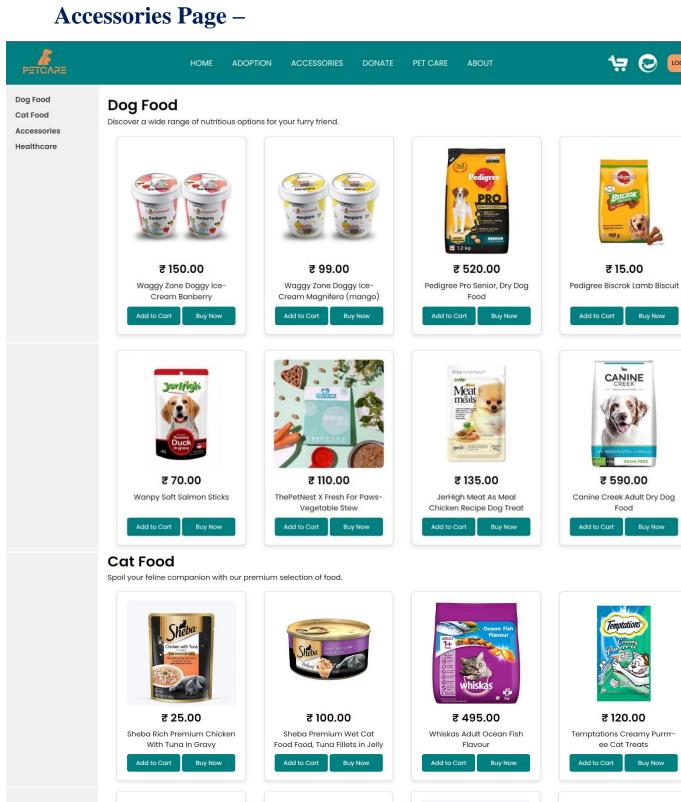
Vaccination: Vaccinated Good with kids: Yes Adoption status : Available



Pet Name: Jojo Pet Type : Dog Gender: Female Breed: Chihuahua

Age:3 Vaccination: Vaccinated Good with kids: Yes Adoption status : Available

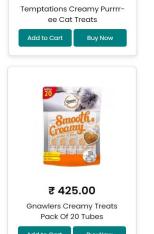
Find Loving Homes for Your Pets Pet Name: Upload Pet Image: Choose File No file chosen Pet Type: Dog Gender: Breed: Age: Pet Vaccination: Vaccinated Pet is good with kids?











LOGOUT

₹15.00

₹ 590.00

Donate Page –



HOME

ADOPTION

ACCESSORIES

OONATE

PET CARE









	us care for more pets in need. Thank you for your generosity
Donation Amount:	
Enter amount	
Full Name:	
Your full name	
Email Address:	
Vour omgil address	
Your email address	
Your email address Leave a Message (c	pptional):
	optional):

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Pet Care Resources –



HOME

ADOPTION

ACCESSORIE

DONAT

ET CARE

ABOUT







How to Take Care of a Puppy

Welcome to our comprehensive guide on caring for your new furry friend! Follow these steps to ensure your puppy grows up healthy and happy.

1. Introduction

Welcoming a new puppy into your home is an exhilarating journey filled with joy and responsibility. As you embark on this adventure, it's essential to equip yourself with the knowledge and tools necessary to provide the best care for your furry friend. In this comprehensive guide, we'll walk you through the various aspects of puppy care, from understanding their basic needs to fostering a strong and loving bond. With patience, dedication, and the right guidance, you'll lay the foundation for a lifelong companionship that brings immeasurable happiness to both you and your puppy.

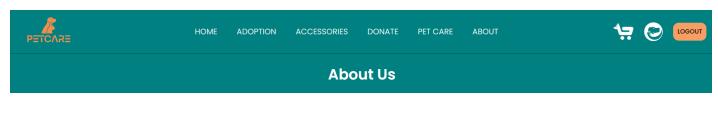




2. Vet Visit

The first visit to the veterinarian is a pivotal moment in your puppy's life. Beyond just a routine check-up, this initial appointment sets the stage for their overall health and well-being. During this visit, your veterinarian will conduct a thorough examination to assess your puppy's physical condition, provide essential vaccinations to protect against common diseases, and discuss preventive care measures. Additionally, they'll offer valuable advice on nutrition, behavior, and training, empowering you to become a confident and responsible pet owner. By prioritizing regular veterinary care, you'll ensure that your puppy receives the necessary support to thrive and enjoy a long, happy life by your side.

About Page –



Our Mission

At PetCare, our mission is to advocate for the well-being of animals and promote responsible pet ownership. We are committed to providing a platform that connects loving homes with pets in need, creating a harmonious and fulfilling companionship. Through education and support, we strive to enhance the lives of both pets and their adoptive families, fostering a community that cherishes and respects every furry friend.

Our Team

We have a passionate and diverse team of individuals committed to achieving our mission. Meet the key members of our team:

Prathamesh Rokade

Founder & CEO

Raj Koli

Founder & COO

Contact Us

If you have any questions or concerns, feel free to reach out to us. We are here to help! **Email**: petcare@gmail.com

Phone: +91 123 456 7890

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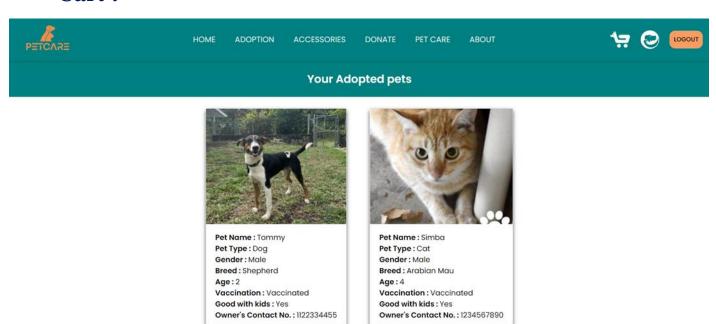
Admin Login -

Admin Login

Admin Name:	
Password:	
	Login

4.2 Output Design:

Cart:



Rehome Pets:



Welcome, Prathamesh!

Your Pets Available for Adoption:



Remove Pet







Breed: Telomian Age: 4 Vaccination: Vaccinated Good with kids: Yes Adoption status: Available

Pet Type: Dog

Gender: Male

Remove Pet



Pet Type: Dog Gender: Female Breed: Chihuahua Age: 3 Vaccination: Vaccinated Good with kids: Yes Adoption status: Available

5. Implementation

Software Requirements:

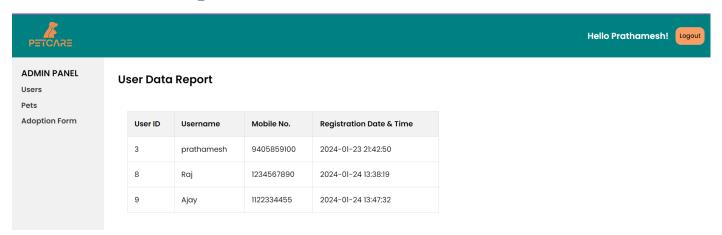
- Operating System : Microsoft Windows XP/NT, Windows 7 & above
- Web Browser: Internet Explorer, Google chrome, Mozilla Firefox etc.
- Front-End: HTML, CSS, JAVASCRIPT
- Back-End: PHP, MySQL
- Web Server : Xampp Server

Hardware Requirements:

- 8GB Ram and above
- 2GB Hard Disk and above
- Dual-core processor (1.6 GHz or above)
- Keyboard
- Monitor
- Mouse

6. Reports

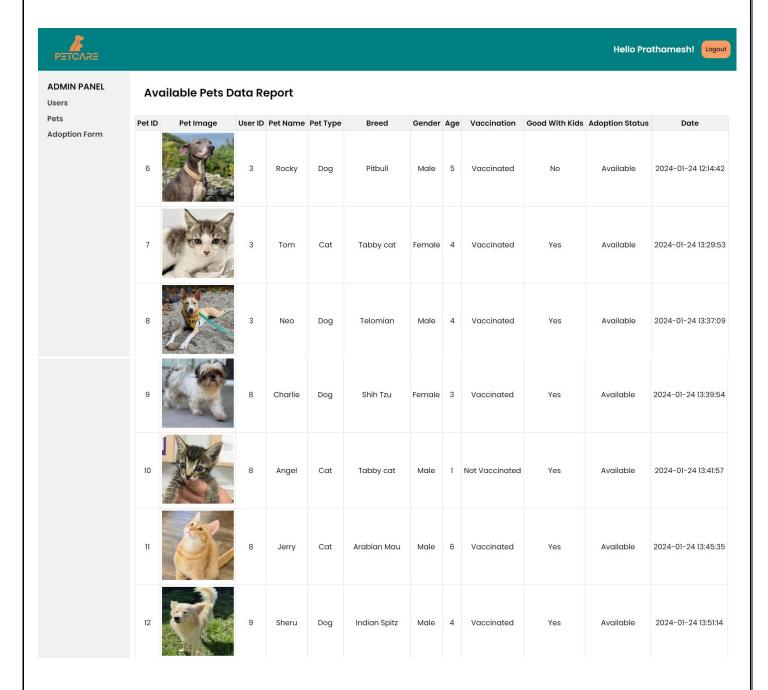
User Data Report -



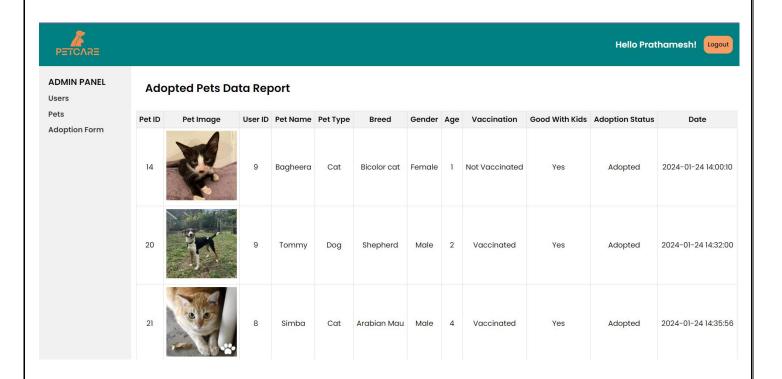
Pets Data Report -

TCARE											Hello Pro	thamesh! Logo	
IN PANEL	Pets Data Report												
	Pet ID	Pet Image	User ID	Pet Name	Pet Type	Breed	Gender	Age	Vaccination	Good With Kids	Adoption Status	Date	
ption Form	6		3	Rocky	Dog	Pitbull	Male	5	Vaccinated	No	Available	2024-01-24 12:14:4	
	7	100	3	Tom	Cat	Tabby cat	Female	4	Vaccinated	Yes	Available	2024-01-24 13:29:	
	8		3	Neo	Dog	Telomian	Male	4	Vaccinated	Yes	Available	2024-01-24 13:37:	
	12		9	Sheru	Dog	Indian Spitz	Male	4	Vaccinated	Yes	Available	2024-01-24 13:51:	
	13		3	Jojo	Dog	Chihuahua	Female	3	Vaccinated	Yes	Available	2024-01-24 13:56:	
	14	W.	9	Bagheera	Cat	Bicolor cat	Female	1	Not Vaccinated	Yes	Adopted	2024-01-24 14:00:	
	15		9	Billu	Cat	Tabby cat	Male	5	Vaccinated	Yes	Available	2024-01-24 14:03:	

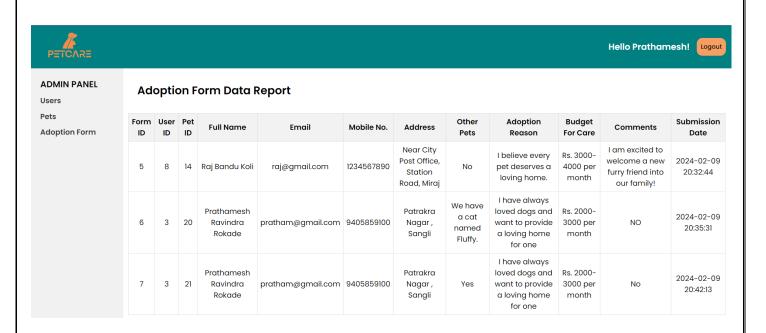
Available Pets Data Report -



Adopted Pets Data Report -



Adoption Form Data Report -



7. Conclusion & Suggestions

7.1 Conclusion –

Our project, PetCare, represents a significant step forward in advocating for the well-being of animals and promoting responsible pet ownership. Through the development of this platform, we aimed to address the challenges faced by both pets in need of loving homes and individuals seeking to adopt or care for pets.

Throughout the project, we successfully implemented features such as adoption listings, a platform for users to add their own pets for adoption, a donation system to support our mission, and resources for pet care education. These features provide a comprehensive solution for connecting pets with caring owners while also offering support and guidance for responsible pet ownership.

7.2 Limitations –

- 1. Basic search and filter options restrict user exploration.
- 2. Limited user interaction diminishes engagement potential.
- 3. Single platform access limits convenience for users.
- 4. Static content leads to outdated information over time.

7.3 Suggestions –

- 1. Enhance search and filter functionality for better user experience.
- 2. Increase avenues for user engagement, such as forums or reviews.
- 3. Ensure website accessibility across multiple devices.
- 4. Maintain content freshness through regular updates and additions.

7.4 Bibliography -

Books:

- PHP: A Beginner's Guide By Vikram Vaswani
- Learning PHP, MySQL, JavaScript & CSS: A Step-by-Step Guide to Creating Dynamic Websites- By Robin Nixon.

Websites:

- https://www.w3schools.com/php/
- https://www.geeksforgeeks.org/php-tutorial/
- https://chat.openai.com/
- https://thepetnest.com/adopt-a-pet
- https://www.petfinder.com/