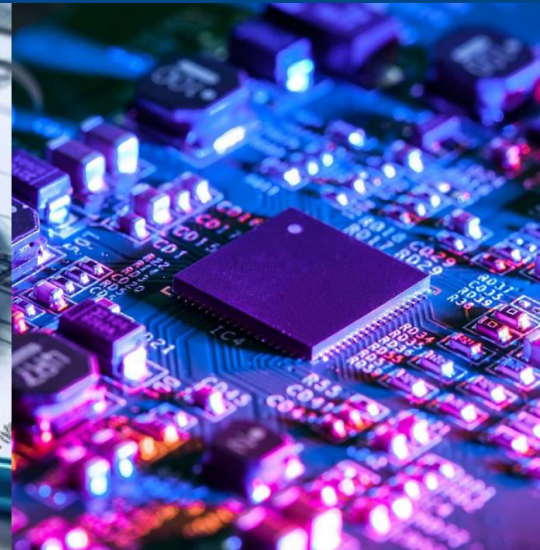


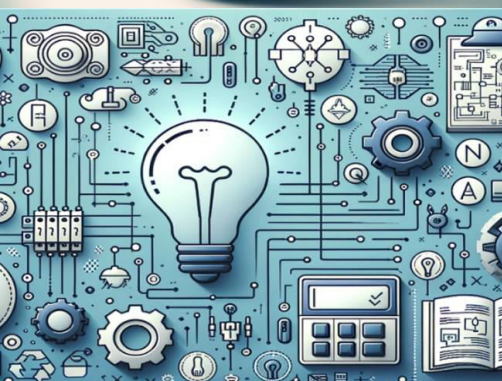


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## International Journal of Multidisciplinary Research in Science, Engineering and Technology (IJMRSET)

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# Pet Adoption and Care Portal (Care4paws)

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**ABSTRACT:** Care4paws is an integrated online platform designed to streamline the adoption process for prospective pet owners and ensure the well-being of adopted animals. The portal connects shelters, animal welfare organizations, and individuals interested in adopting pets, making it easier to find, adopt, and care for animals in need of a home. It features an extensive database of available pets with detailed profiles, including breed, age, health status, and behavior. Additionally, the platform provides valuable resources and guidelines on pet care, ensuring that new pet owners are equipped with the knowledge to provide a loving and safe environment for their pets. Through the portal, users can also access veterinary services, training tips, and community forums for support. This initiative aims to reduce the number of abandoned animals, promote responsible pet ownership, and enhance the overall adoption experience, fostering a community that cares for pets and encourages lifelong, healthy relationships between animals and their owners.

### KEYWORDS

- Pet Adoption
- Animal Welfare
- Pet Care
- Adoption Portal
- Veterinary Services
- Pet Ownership.

## I. INTRODUCTION

**Care4paws** is an online platform designed to help people adopt pets and provide them with the necessary care information. The portal connects pet lovers with animals in need of a loving home, making it easier to find the perfect pet. Additionally, it offers resources and tips on how to take care of pets, from feeding and grooming to health and training. Whether you're looking to adopt a dog, cat, or other types of pets, our portal provides all the information you need to ensure your pet's well-being and happiness.

Many pets are abandoned or in need of a new home, and it can be hard for people to find the right pet to adopt. The Pet Adoption and Care Portal aims to make this process easier by bringing together animal shelters and people who want to adopt pets. This online platform helps users find pets that are looking for homes and provides all the information needed to adopt them, including details about their breed, age, health, and behavior.

The portal also offers resources for new pet owners, such as tips on caring for pets, training advice, and information about veterinary services. By combining pet adoption with helpful resources, the platform makes it easier for people to take care of their pets and make informed decisions. The goal of this project is to reduce the number of abandoned animals and encourage more people to adopt pets, ensuring pets have loving homes and owners are prepared to take care of them.

## II. PROBLEM STATEMENT

**1) Abandoned Animals:** Many pets in shelters are not getting adopted, leading to overcrowded shelters and an increasing number of abandoned animals.

**2) Limited Access to Information:** Prospective pet owners struggle to find accurate and updated information about



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available pets, such as breed, age, health, and temperament.

**3) Lack of Resources for Pet Care:** New pet owners often lack the necessary resources and guidance to care for their pets, resulting in challenges in maintaining their pets' health and well-being.

**4) Difficulties in Connecting Shelters and Adopters:** Shelters face challenges in effectively reaching potential adopters, leading to fewer successful adoptions.

**5) Fragmented Adoption Process:** The process of adopting a pet is often scattered across multiple platforms, making it harder for individuals to find the right pet and the support they need.

### III. SCOPE

The **Care4paws** is an online platform designed to connect potential pet adopters with available pets from shelters and rescue organizations. It allows users to browse pet listings, submit adoption requests, and access resources on pet care, including health, nutrition, grooming, and training. The portal also features community engagement through forums and success stories. Shelters and rescue groups can manage pet profiles and adoption processes. Built with modern web technologies, the portal aims to simplify pet adoption and promote responsible pet ownership, with future plans for expansion and possibly a mobile app.

### IV. PROJECT OVERVIEW

**Care4Paws** is built to address various pet care needs through a role-based access system. Each user role has a dedicated interface and set of functionalities designed to offer a tailored experience:

**Users** can search for pets, apply for adoption or purchase, track applications/orders, donate, and contact support.

**Sellers** have dedicated tools to list pets for sale and manage their listings.

**Volunteers** manage pet listings for adoption with detailed HTML pages for each listing.

**Admins** oversee the entire platform, managing pet listings, user roles, applications, orders, donations, and communications

### V. FEATURES

#### User

- Account Management:  
Create an account using email/password or Google authentication.  
Login with email/password or Google.  
Reset password via an email link.
- Pet Search & Application:  
Search for pets by type (Dog or Cat) and by location.  
Apply for pet adoption or purchase.  
Track adoption applications or pet orders.
- Donations:  
Make donations and publish up to 10 public donation records
- Contact Us:  
Submit inquiries via the contact form.

#### Seller

- Dashboard: Manage pet listings for sale.
- Pet Listing: Add and edit pet listings specific to each seller.



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### Volunteer

- **Dashboard:** Manage the pet adoption store.
- **Pet Listing:** Add or edit pet listings exclusively for adoption.

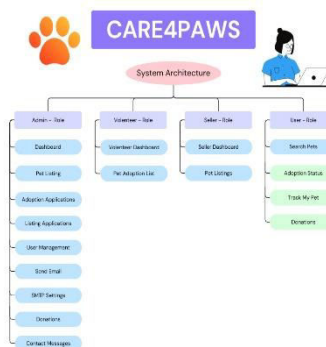
### Admin

- **Dashboard:** Access a comprehensive overview including pets, users, adoption applications, listings, and donations.
- **Pet Listing Management:** Add, edit, and delete pet listings.
- **Adoption Applications:** Manage and update adoption application details.
- **Order Management:** Oversee pet listing orders and update order details.
- **User Management:** Add new users and change user roles.
- **Email Management:** Send individual emails to selected users.
- **Donation Management:** Approve or reject donation records.
- **SMTP Settings:** Configure email settings for the platform.
- **Contact Management:** View and manage all messages submitted via the contact form.

## VI. METHODOLOGY

- **Planning & Scope:** Define goals (pet adoption, care, community), key features (pet search, adoption forms, care resources), and timeline.
- **Research:** Study existing platforms (e.g., Pet Finder), survey users (adopters, shelters), and choose tech stack (frontend, backend, databases).
- **Requirement Gathering:** Identify functional (search, forms, notifications) and non-functional (scalability, security) requirements.
- **System Design:** Design UI/UX, database schema, and architecture. Plan how the system will scale and integrate with shelters and other services.
- **Development:** Build frontend (UI) with JavaScript frameworks, backend APIs for data management, integrate payment gateways, and ensure security.
- **Testing:** Conduct unit, integration, and user acceptance testing to ensure everything works properly.
- **Deployment & Launch:** Deploy on a cloud platform, monitor performance, and gather user feedback for improvements.

## VII. ARCHITECTURE





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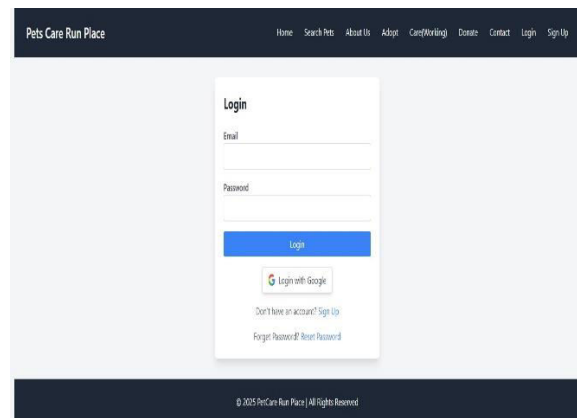
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## VIII. IMAGES

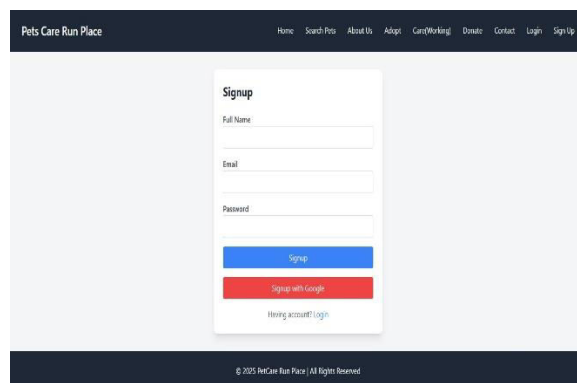
Login page:



Login page:



Sign up:





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## Donation page:

**Pets Care Run Place** | Home | Search Pets | About Us | Adopt | Care(Working) | Donate | Contact | Help, Register | Status | Logout

### Support Us Through Donations

We can't always afford pets, and your generous donations help us provide shelter, food, and medical care to animals in need. Transparency is at the heart of what we do - every donation is accounted for, and you can always ask for a report on how your contributions are being used.

#### How to Donate

You can send your donations using the following details:

**Bank Name:** Indian National Bank  
**Account Name:** Pets Care Foundation  
**Account Number:** 12156789012  
**IFSC Code:** IN00001234  
**UPI ID:** petcare@ub

Note: Once you've made your donation, please fill out the form to notify us for verification.

#### Notify Us of Your Donation

Transaction ID:

Amount (in INR):

Message:

[Submit Notification](#)

#### Recent Donations

Click to expand for the details of our donors. (view the last 10 donations)

Transaction ID: 3456789012345	₹1000.00
Date: 2025-01-24 18:20:53	
Transaction ID: 23297482	₹100.00
Date: 2025-01-24 18:10:11	
Transaction ID: 3344332211	₹50.00
Date: 2025-01-24 17:50:07	
Transaction ID: 024214	₹10.00
Date: 2025-01-24 17:46:10	

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## Adoption application:

**Pets Care Run Place** | Home | Search Pets | About Us | Adopt | Care(Working) | Donate | Contact | Help | Register | Logout

### My Adoption Applications

Below are the details of your adoption applications, including the status of each application.

**300 x 200**

**Luna**  
 Breed: Samoyed  
 Age: 1 year  
 City: Bangalore  
 Status: Pending  
 Reason: 5684c7fd  
 Submitted On: 2025-01-24 18:11:26

**300 x 200**

**Milo**  
 Breed: Shagpi  
 Age: 5 years  
 City: Chennai  
 Status: Pending  
 Reason: 1d  
 Submitted On: 2025-01-24 17:35:05

**200 x 200**

**Simba**  
 Breed: Persian  
 Age: 2 years  
 City: New Delhi  
 Status: Approved  
 Reason: 1d  
 Submitted On: 2025-01-24 17:29:31

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## Search:

**Pets Care Run Place** | Home | Search Pets | About Us | Adopt | Care(Working) | Donate | Contact | Login | Sign Up

### Search and Filter Pets

Select Pet Type:

**200 x 200**

**Simba**  
 rml  
[View](#) [Apply for Adoption](#)

**300 x 200**

**Milo**  
 rmlg  
[View](#) [Apply for Adoption](#)

**300 x 200**

**Luna**  
 rml  
[View](#) [Apply for Adoption](#)

**300 x 200**

**Rocky**  
 rmlg  
[View](#) [Apply for Adoption](#)

**300 x 200**

**Coco**  
 rmlg  
[View](#) [Apply for Adoption](#)

**300 x 200**

**Nina**  
 rml  
[View](#) [Apply for Adoption](#)

Loading more pets...  
Please wait a moment.

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## Send email to users:

**PetCare Run Place**  
Super Admin

- Dashboard
- Pet Management
- Adopt Requests
- Listing Order
- User Management
- Send Email**
- SMTP Settings
- Donations
- Logout

### Send Email

Select User:

Recipient Name:

Subject:

Message

Compose your message here...

## Add pet:

**PetCare Run Place**  
Super Admin

- Dashboard
- Pet Management
- Adopt Requests
- Listing Order
- User Management
- Send Email
- SMTP Settings
- Add Pet**
- Donations
- Logout

### Add Pet

Pet Name:

Pet Type:

Breed:

Age (in year):

Gender:  Male  Female

Internal Date:

Pet Image:

Status:

Country:

State:

City:

Bath:  Bath  Adopt

## Edit pet:

**PetCare Run Place**  
Super Admin

- Dashboard
- Pet Management
- Adopt Requests
- Listing Order
- User Management
- Send Email
- SMTP Settings
- Edit Pet**
- Donations
- Logout

### Edit Pet

Pet Name:


Pet Type:

Breed:

Age (in year):

Gender:  Male  Female

Internal Date:

Pet Image: 

Status:

Country:

State:

City:

Bath:  Bath  Adopt

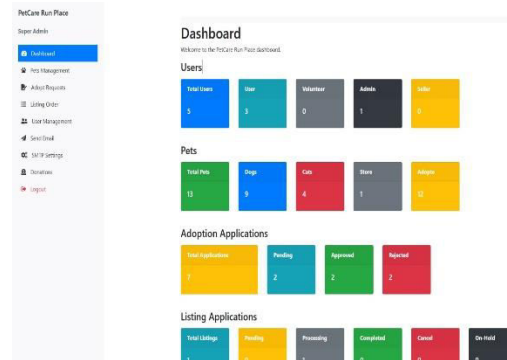
Description:



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### Dashboard:



### IX. CONCLUSION

**Care4paws** is a great platform that makes adopting pets easier and provides valuable resources for pet care. It offers convenience through online pet search, adoption, and AI matching, along with a supportive community. However, it also has challenges, such as the risk of privacy concerns, lack of in-person interaction, and maintenance costs. Overall, if properly managed, the portal can significantly improve the pet adoption experience and help pet owners provide better care.

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