



PAWS: Veterinary Management System

Simplifying operations for
better pet care

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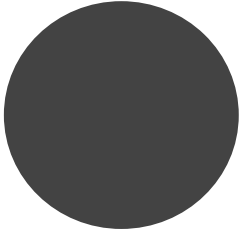
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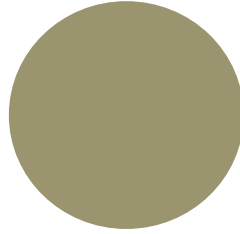
Objective

To provide an integrated system that simplifies and streamlines the operations of veterinary hospitals.

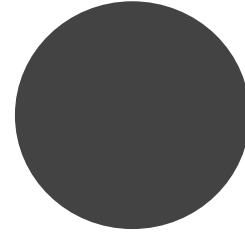
Why Develop PAWS



Develop a centralized platform for managing hospital operations.



Improve animal care efficiency through better data handling and Ensure data security.



Reduce operational costs and enhance administrative workflows.

Problem Statement

Challenges in Current Veterinary Clinics

- **Delays in Registration and Appointments:** Leading to inefficiencies and frustration for pet owners.
- **Outdated Systems:** Manual workloads result in suboptimal patient care.
- **Lack of Seamless Integration:** Communication gaps between departments affect operations.

Solution: PAWS

- A unified platform addressing these issues through automation, secure data management, and enhanced resource utilization.
- Focused on improving patient care while reducing manual dependencies.

System Overview:

Key Featured Highlights

Registration Screen

Register

Username

Password

Full Name

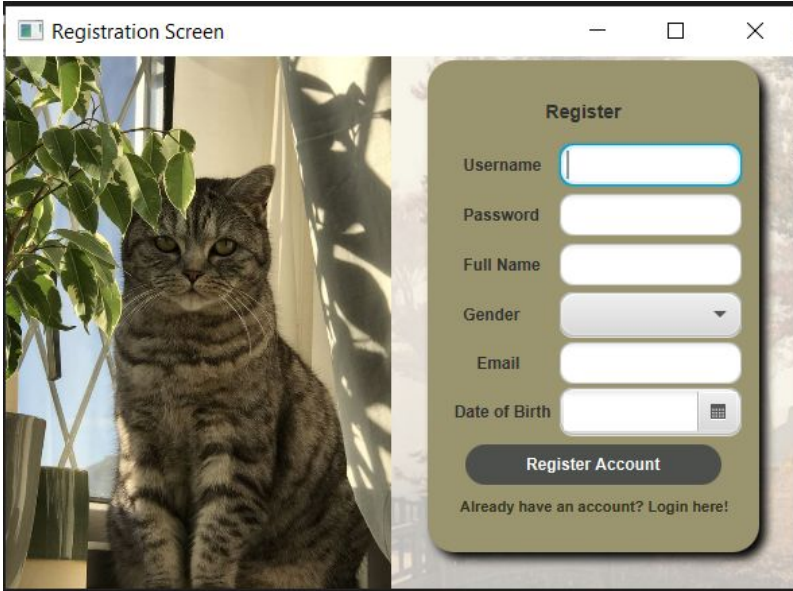
Gender

Email

Date of Birth

Register Account

Already have an account? [Login here!](#)

The registration screen features a background image of a tabby cat sitting next to a potted plant. The registration form is a light green rounded rectangle with a title bar at the top. It contains fields for Username, Password, Full Name, Gender (a dropdown menu), Email, and Date of Birth (with a calendar icon). A dark green button labeled 'Register Account' is at the bottom of the form, and a link 'Already have an account? Login here!' is below it.

Login Screen

LOGIN

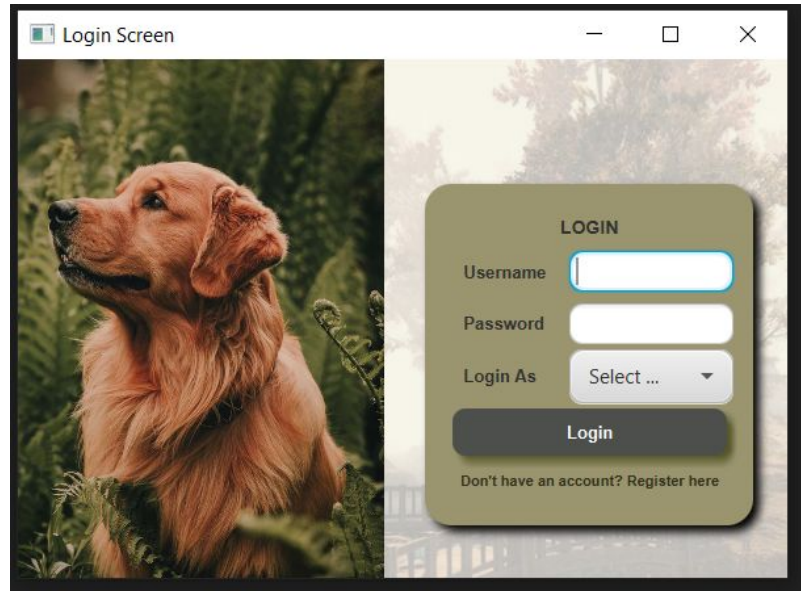
Username

Password

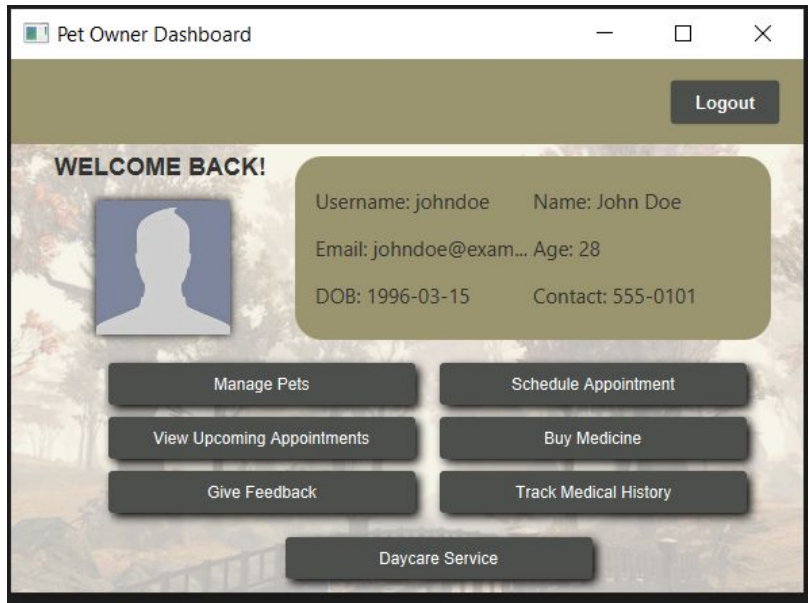
Login As

Login

Don't have an account? [Register here](#)

The login screen features a background image of a golden retriever dog in a natural setting. The login form is a light green rounded rectangle with a title bar at the top. It contains fields for Username, Password, and Login As (a dropdown menu). A dark green button labeled 'Login' is at the bottom of the form, and a link 'Don't have an account? Register here' is below it.


Interface Preview: Pet Owner



Pet Owner Dashboard

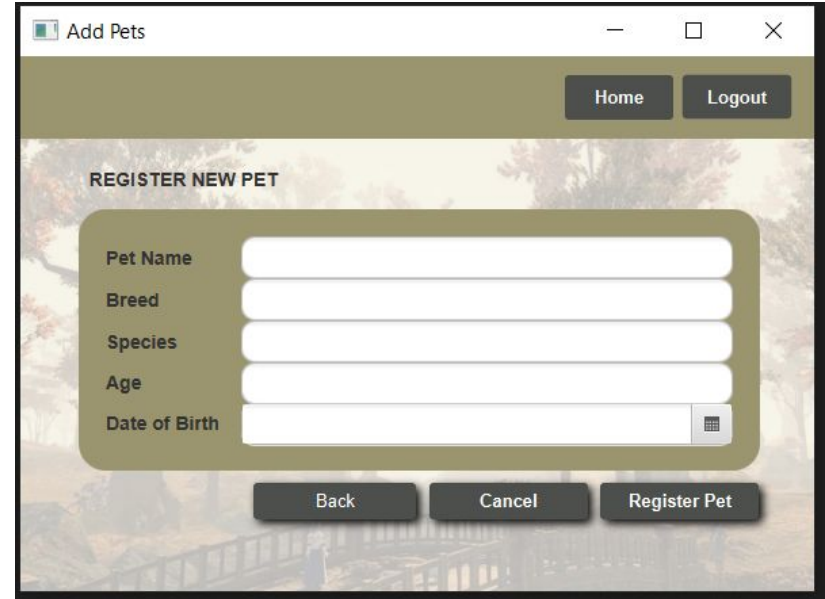
Logout

WELCOME BACK!



Username: johndoe Name: John Doe
Email: johndoe@exam... Age: 28
DOB: 1996-03-15 Contact: 555-0101

Manage Pets Schedule Appointment
View Upcoming Appointments Buy Medicine
Give Feedback Track Medical History
Daycare Service



Add Pets

Home Logout

REGISTER NEW PET

Pet Name
Breed
Species
Age
Date of Birth

Back Cancel Register Pet

Interface Preview: Veterinarian

[Home](#) [Logout](#)

Welcome Vet

Pet Name	Breed	Owner N...	Purpose	Date	StartTime	Statu
Rex	Labrador	John Doe	Dermatology	2024-1...	10:00 AM	Confir

[Manage Appointments](#) [Continue](#) [View Feedback](#)

View Treatment

[Home](#) [Logout](#)

Record Treatment Plan

View History

Press

Description

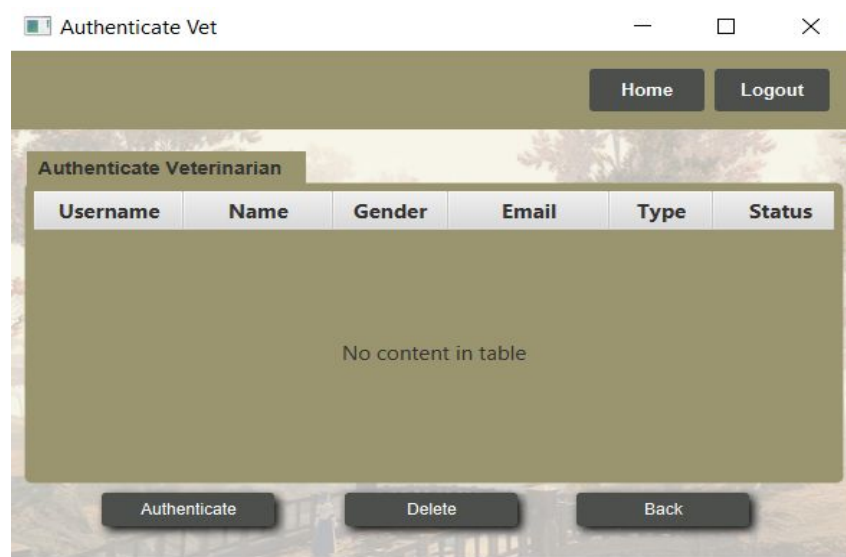
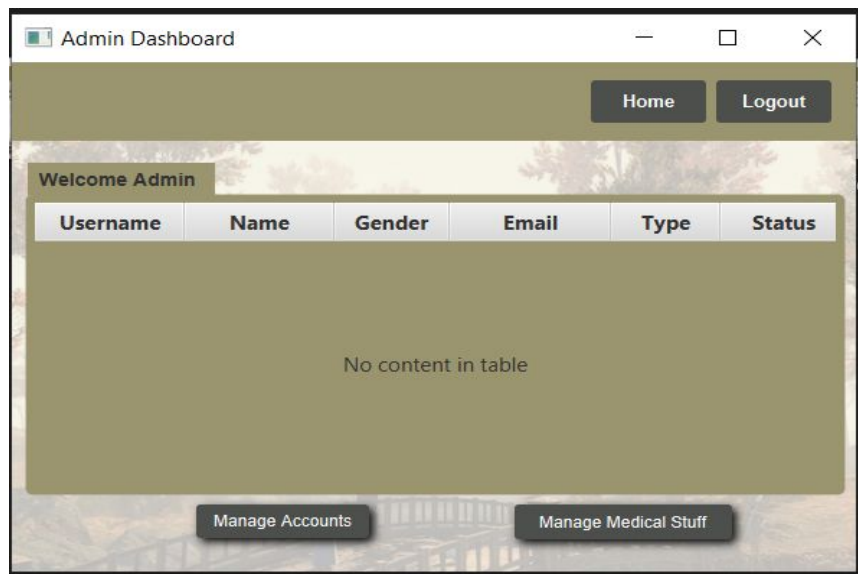
Notes

Save Plan

Note: Press Enter in Textfield to add entries in the combobox
Note: Press Backspace in Textfield remove entries from combobox

[Back](#)

Interface Preview: Admin



Major Use Case: Manage Pet

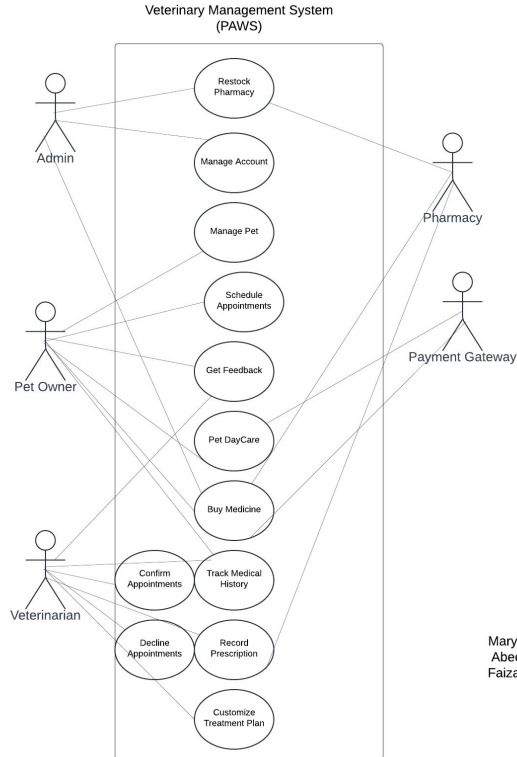
This use case allows the Pet Owner and Veterinarian to manage the pet's information, including registration, medical records, and treatment history.



Actors Involved

- **Pet Owner:** Initiates pet registration and manages pet details.
- **Veterinarian:** Updates and views medical records and treatments.
- **Admin:** Oversees all pet records and manages access.

Use Case Diagram



Maryum Fasih (22i-0756)
Abeer Jawad (22i-1041)
Faizan Shahid (22i-1235)

Main Flow

Step 1: Pet Owner registers a new pet with details (name, breed, age, etc.)

Step 2: Veterinarian updates medical history and treatment details

Step 3: Pet Owner views and updates the pet's profile if needed

Step 4: Veterinarian and Admin monitor pet health records, treatment plans, and appointment schedules

Alternative Flow

Step 1: If the pet owner tries to register an existing pet, the system alerts them.

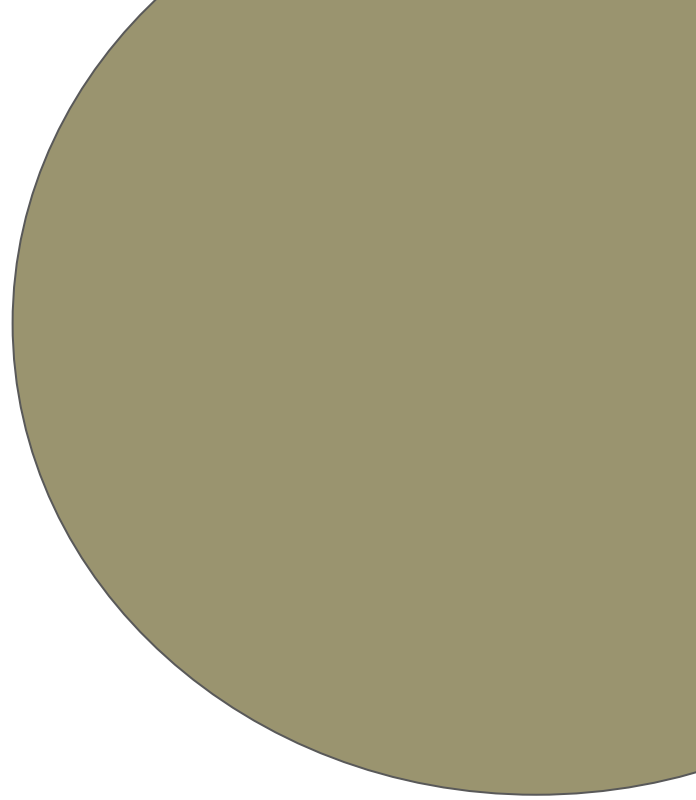
Step 2: If the veterinarian tries to update an invalid treatment, the system prompts a correction.

PostConditions

- The pet's data (medical and personal) is updated in the system.
- New treatment history and appointments are saved.

Benefits

- Streamlines pet management
- Centralized data for improved healthcare tracking
- Easy access for both owners and medical staff



Conclusion

The **PAWS Veterinary Hospital Management System** streamlines hospital operations by automating key processes like pet registration, appointments, and treatment history. It improves efficiency, reduces errors, and enhances service delivery, benefiting both staff and pet owners. The system's flexibility allows for future growth and feature additions, ensuring it can adapt to the hospital's evolving needs while providing high-quality care.

Thank you for your attention!