



# Paws' Own

A pet-care products & accessories  
management and reservation system

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Internal Guide

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# Introduction

Pet care products and accessories management system is a web application to manage the activities of a physical pet care products shop. The proposed system provides all the basic needs of pet owners in order to provide the best care for their pets. This is the web-based application for make purchases. This system displays all information about pet products shop and at the same time this system provides the facilities to purchase products and make payments. The main modules of the system are Admin module, Customer module, Veterinarian module and Vaccine Center module.

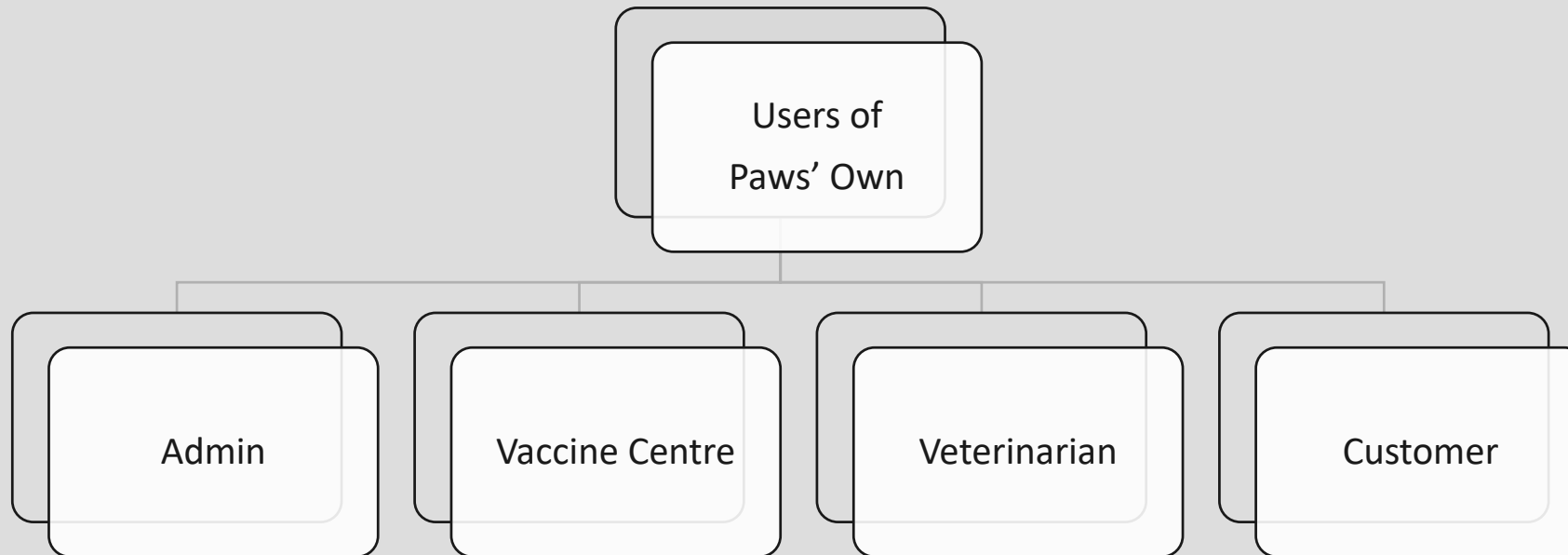
# Introduction (cntd...)

Admin functionalities include products management, customer management, veterinarian management, feedback management, stock management, revenue prediction, sentiment analysis and the admin control the entire system. Customer functionalities include browsing of products, information regarding pet health schedule, pet vaccination schedule, booking appointments, booking vaccinations, view orders, voice search, retrieval of pet information using QR code technology, view appointment history, vaccination history, vaccine reporting and payment.

# Introduction (cntd...)

The system also provides the customers an AI based chatbot that can resolve the queries submitted by the customers. Functionalities of Veterinarian include managing profile, managing appointments, giving prescriptions, and managing pet health care schedule. Functionalities of vaccine center include adding vaccines, adding vaccine agency, updating vaccine information, stock management and blocking vaccines or vaccine agencies.

# Users of Proposed System



# Users of Proposed System (cntd...)

## Admin

- Login
- Manage Products
- Manage Customers
- Manage Veterinarian
- Stock Management
- Sales Prediction
- View Feedbacks
- Sentiment Analysis
- Order Statistics
- Manage order status
- Data Visualization

# Users of Proposed System (cntd...)

## Vaccine Centre

- Login
- Manage Vaccine Agency
- Report Vaccine or Vaccine Agency
- Manage Vaccine Information
- Manage Bookings
- View Bookings
- Manage Vaccine Availability
- Generate Vaccination Statistics
- Data Visualization



# Users of Proposed System (cntd...)

## Veterinarian

- Login
- Update Profile
- View Consultation
- Manage Appointments
- Manage Prescription
- Manage Pet health Schedule

# Users of Proposed System (cntd...)

## Customer

- Registration and Login
- Register Pets
- Profile Updation
- View and Update pet information
- Pet card generation using QR code technology
- Book and view consultations
- Book and view vaccination
- Submit Report
- View Prescription
- Regular search and voice search
- Add to cart
- Purchase products

# Users of Proposed System (cntd...)

## Customer

- Cancel orders
- Submit feedbacks
- Forgot Password
- Update address
- View pet health schedule
- Account Deletion
- View orders
- Personal Assistant

# Modules of Proposed System

- Products Module
- Pet Module
- Pet Health Module
- Sales Module
- Stock Management Module
- Veterinary Module
- Vaccination Module
- Feedback Module

# Functionalities of Proposed System

## 1. Products Module

- Admin: Add, update and delete products
- Customers: View products, add to cart and place order

## 2. Stock Management

- Admin: Update product stock
- Vaccine Centre: Update vaccine stock

# Functionalities of Proposed System (cntd...)

## 3. Pet Module

- Customers: Register, View, Update or Delete pet, QR code ID generation

## 4. Veterinary Module

- Customers: Book for consultation, View, cancel or delete appointments
- Veterinarian: Manage consultations, add or edit prescription

# Functionalities of Proposed System (cntd...)

## 5. Pet Health Module

- Customers: View pet health schedule
- Veterinarian: Manage pet health schedule

## 6. Vaccination Module

- Customers: Book for vaccination, view, cancel or delete vaccination booking
- Vaccine Center: Add, update or delete vaccine information, view and manage vaccination bookings and data visualization

# Functionalities of Proposed System (cntd...)

## 7. Sales Module

- Customers: Purchase goods and view order history
- Admin: View order statistics, update order status, generate order report, sales prediction, and data visualization

## 8. Feedback Module

- Customers: Submit feedbacks
- Admin: Sentiment analysis and data visualization



# Technologies Used

- **AI Chatbot:** Resolves customer queries
- **reCAPTCHA:** To distinguish between human and automated access to website
- **QR Code Recognition:** QR ID generation for pets
- **Sentiment Analysis:** Review or feedback analysis
- **Sales Prediction:** Predicted revenue for upcoming years
- **Data Visualization:** Graphical representation of reports

# Conclusion

PAWS' OWN, a pet care products and accessories management system brings great convenience to the users. The aim of the proposed system is to develop a web based application for providing a wide range of pet products and services. The proposed system can overcome all the limitations of the existing system. The system provides all the necessary facilities to fulfil the needs of pet owners and has the option to book an appointment with the veterinarian to deal with various health concerns of the pet and to book for vaccination at the comfort of their home. It reduces the manual work.

## Conclusion (cntd...)

The existing system has several disadvantages and many more difficulties to work well. The proposed system tries to eliminate or reduce these difficulties up to some extent. The proposed system will help the user to reduce the workload and mental conflict. It includes the functionalities of registering into the system, login to the system, searching products, adding products to cart, purchase products, registering pets, booking an appointment with the veterinarian and book for vaccination. The proposed system helps the user to work user friendly and is more time and cost efficient.



**Thank You.**