MAIN PROJECT TOPIC: PETCARE PRODUCTS AND ACCESSORIES MANAGEMENT SYSTEM

Abstract

The proposed system focuses on developing a web application where the purchase of several pet care products and accessories takes place. This management system is exclusively for Dogs and Cats. A Pet Care Management System is a retail business which sells pet care resources to the public. A variety of animal supplies and pet accessories are also sold in pet care shops. People should be able to come to know about the daily routine and proper care they should give to their pets. In manual system, people visit the shop and from the available products, they choose and buy the items they want and proceed with the payment. The local shops are time-consuming and have only a limited number of products. The proposed system computerize the marketing of pet care products. It also reduces human efforts, saves time and resources to an extend and provides a wide range of products for pets. It has options to book appointments with the veterinary doctor. The extension of this existing system includes cancellation of orders, booking vaccination, chat bot, QR code recognition, speech recognition, sentiment analysis and sales analysis.

1. Modules

- Admin
    - Sentiment Analysis using feedbacks submitted by customers
    - Data Visualization
    - Report Generation
- Customer
    - Searching products using speech recognition
    - Cancellation of products
    - Receipt Generation
    - Booking for Vaccination of pets
    - Scanning and retrieval of information using QR code technology
- Vaccine Centre
    - Centre Login
    - Centre Profile Management
    - Manage Requests
- Chat Bot
    - Responding to customer queries using AI

2. Technologies Used:

- Frontend : HTML, CSS, JavaScript, AJAX
- Backend : PHP
- Database : MySQL
- Software : XAMPP
- Browser : Google Chrome