PETCENTRAL

20INMCA509 - Mini Project 2

Scrum Master

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ABSTRACT

Topic: PetCentral- Pet Care Management System

Abstract:

The PetCentral is a comprehensive platform designed to streamline pet care activities in a pet store. It includes three main modules: User, Admin, and Doctor. For the mini project, the focus is on the User and Admin modules, while the main project integrates the Doctor module to offer enhanced functionalities.

User Module:

The User module is developed for pet owners and customers. It provides a user-friendly interface for browsing and purchasing a wide range of pet products, including food, accessories, and healthcare items. Users can view detailed product information, including prices and availability, and make purchases directly through the platform. And chat to the doctors about the pet and can download the prescriptions.

Admin Module:

The Admin module is designed for store administrators to manage the product catalog and inventory. Administrators can add, update, and remove product details, including pricing and stock levels. This module ensures accurate inventory management, preventing stockouts and overstock situations.

Doctor Module:

A new addition to the system in the main project, the Doctor module offers a chat portal for pet owners to consult with veterinary professionals. This module facilitates real-time communication, enabling veterinarians to provide medical advice and prescriptions. Users can download prescriptions directly from the platform.

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Research Topic:

"Intelligent Recommendation and Health Prediction System for Pet Care Management Using Machine Learning"

This research explores the development of an intelligent system that integrates personalized product recommendations and health prediction for pets, enhancing the overall user experience and pet health management.

Technologies Used:

- Back End: Python/PHP

- Front End: HTML/CSS/React

Conclusion

The PetCentral simplifies the shopping experience for pet owners and helps store administrators manage inventory effectively. With the addition of the Doctor module and the integration of machine learning for personalized recommendations and health predictions, the system becomes a comprehensive solution for pet care management.