WWW.IJRPR.COM

International Journal of Research Publication and Reviews

Journal homepage: www.ijrpr.com ISSN 2582-7421

Animal Caring House

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ABSTRACT

Animal Care House is an application that is simple and easy to use and that is useful for doctors and customers. The need for convenient ways to access technology is expanding. It makes daily life easier for ordinary pet owners. This form of animal care not only makes pet ownership easier for both pets and domestic animals because tests and check-ups are performed at only one location, but physicians believe apps will also enhance their interaction with animals. This technology is used in the delivery of veterinary clinical care. The use of mobile devices for domestic diseases and breeds of animals and their use in veterinary medicine is lagging. Through the use of an online application, a sampling of veterinarians was queried to investigate whether the doctor was available or not. With the use of mobile technology, we have seen improvements in their care.

Introduction

There are so many common animal diseases. Nobody likes to go to the doctor at the initial stage of any basic disease in their pet or animal. Also, in villages, many people have cows, buffaloes, and goats, and if such animals get the disease, they can't take their pets to the hospital, and there is a lack of pet doctors. Sometimes, if they are on the phone, they are busy with some calls for pet treatment or they don't make any calls, and due to the lack of treatment, pets get more infected by the disease. They do not even know the basic treatment for the disease. In most cases, people bring their pets to the doctor in the middle stage of the disease.

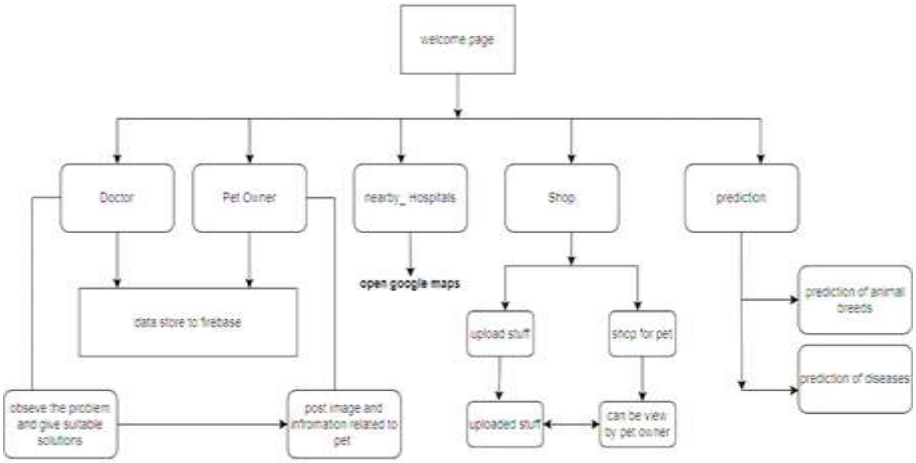
"Animal Caring House" is an application that is simple and easy to use, and it is useful for both doctors and customers. The users who are registered can send the symptoms of their pet or animal to the doctor in video, audio, image, or text form. The doctors will receive the owner's requests and responses. If there are two or three veterinarians available at a time, the pet owner can choose between them.

Literature Survey

Vanshri Saswadkar, et al., Pet Care System, which is based on an Android application. The objective of this system is to provide a non-exhaustive way to take care of your pet based on a mobile app. We describe the design approaches and functional components of this system. The system was developed based on the opinions of domestic pet experts. The results were divided into two categories: developing the mobile application for advising users and analyzing the functionality of the application for research purposes. The problem under consideration is to develop an Android application for pet care in which people who want their pets taken care of can make requests, and they will find interested people. Some interested people will reply to the request, and the owner of the pet will have detailed information about his or her pet, like the pet's diet, hybrids, etc. The user's location will be shown before the request and reply. The interested parties will be paid by the owner. Some people like pets but they don't have pets; others have pets for a time and even get paid for it.

Methodology

We have created an application called "Animal Caring House—a Vet Care App," which is specially designed for domestic and pet animals. The app has three users: a doctor, an animal owner, and a shop uploader. The application stores the descriptions of different animal breeds using a database, which makes it easier for users to buy a pet of their choice by contacting us. Pet owners can easily buy pet food and accessories with just one click. For pet care, users get services like veterinary and grooming services. To get these services, users can book a vet in detail. We also provide blood donation, where you can donate your pet's blood or receive it from other pets if needed, This app also provides pet exercise, which displays GIFs and a description of how to exercise at home easily to make your pet fit and healthy.



Resources used

- Android Studio -Android Studio is the official IDE (Integrated Development Environment) for Android development, created by Google. Which can use to build Android apps on Windows, Linux, and macOS operating systems.
- Java-Programming Language
- XML – For designing an attractive Users Interface for the application Firebase – For maintaining the database.

Advantages

- User-friendly applications preserve pet safety actions, which is useful for pet lovers.
- saves the life of a pet through blood donation in an emergency.
- Save pets' lives by calling the doctor through an online appointment at any time. Emergency treatment can be provided for pets.
- supported by heart rate and breathing rate detectors, as well as a footprint counter for your pet.
- It helps the owner find their lost pet and also helps reduce the number of stay animals.

Disadvantages

- There is always the chance that your pet could get hurt or sick, and veterinary treatment can be expensive.
- Besides routine veterinarian care, there's also the chance that you will have to pay for emergency care at some point in your pet's life.

Conclusion

The proposed system is a mobile application that allows users to access all the different services within a single application. Nowadays, it is too complex a task to get an appointment offline so it is made easier to get an appointment online by saving time, saving data, and easy to purchase and receive at your doorstep. So finally, we can conclude that our project is working well as it is analyzing the images of pets with infections correctly and giving the correct results about diagnosis and treatment, the overall working of the project is as desired. And the project can help veterinary doctors, and pet owners who need veterinary advice in emergencies for sure in respect of treating pets' fungal infections.

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