

Online Portal for Data Medical Tracking for Canines with Disease Diagnosis

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Abstract: Electronic health records are used to extract patient's information instantly and remotely, which can help to keep track of patients' due dates for check-ups, immunizations, and to monitor health performance. Pet care project deals with problems faced in pet services. This project will bring together pet owners and people willing to provide services together. This gives pet owners the ability to choose the types of services they need. The Front-end of the project is designed using HTML and CSS language, back end uses JavaScript language, the database using MySQL, and server-side communication using PHP language. After the language selection phase was complete, then the second phase started. The second phase consisted of creating the layout of front-end pages keeping in mind the relationship between them, the functionality of those pages, the designing data tables, and the deciding relationship between the data tables and how the searching mechanism will work. Considering all the criteria of the project was split into 5 parts: coding front-end pages, coding back-end according to front-end, designing and writing database, writing server-side code for communication between back-end and database and last were testing. The website has three different portal's - user, doctor, and admin. The admin manages the complete website and has control over user and doctor. All the three contains different sub tabs. It shows all the medical history of the pet. The user can book the appointment through the portal. It gives the remainder of the date schedule for check-up and vaccination. The doctor can provide prescription through portal and user can view and print it online. The pet complete medical history can be accessed through QR code by the user and doctor. The pet parent can analysis the pet health condition by visiting FAQ in website which contain short question-answer related to pet behavioural change which is commonly occurring in pets. This online portal helps the pet owner to take care of pet efficiently and doctor can give proper treatment to pet.

Keywords: Online portal, Data medical tracking, Disease diagnosis, Pet health, Pet, Healthcare

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