Claws and Paws: Animal Healthcare website

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ABSTRACT: This research paper is about to the website for the welfare of the pet animals. In this developing era of technology, many of the people are away from their families and hometown for the sake of earnings. Due to which, they feel lonely and hence some of them keep pets for overcome the problem. But the next and most common issue in this situation comes forth, is the care to be taken of their pets. As they are busy with their work and didn't get enough time to take care of their pets. This situation becomes worst when the owner do not recognize the illness symptoms and moreover they do not have the time to take their pet to the veterinarians or veterinary doctor. Hence, to help the pets' owner as well as the pets, we have developed a website named **Claws and Paws(Animal health care centre).** In this website, we have mentioned the problems and their solutions faced by the pets and their owner which can be cured at home only (virtually) and without visiting the veterinarians.
KEYWORDS: Pet, owner, veterinarians, illness, symptoms, cured, virtually, Claws and Paws.

I.   INTRODUCTION

In this paper, we have explained about the website developed by me and my team members, "Claws and Paws" (Animal healthcare centre) which is a free and informative website. Here the pets' owner can access the information to solve the small problems faced by their pets such as rashes or itchiness. Our website is much more helpful for the people who are busy with their jobs or business as they need to earn for the living. But only because of their work they need to stay out of their home, due to which they are unable to give enough time and care to their loved pets. They have to give dedicated time to take their pets to the veterinarians when their pets are not feeling well. This consumes more time from the owner's busy schedule as they have to first take the appointment, then taking leave from the work, they have to visit the veterinarians. Unfortunately, if the owner is not able to do all this, this can be hazards or harmful for the health or in some cases dangerous for their life. Our website, servers as the quote says "Prevention is better than cure". Because our website gives the required solutions or we can say remedies for the problems occurring in the way of a pet to be healthy and the owner himself/herself can do this prevention from the remote place and not visiting the veterinarians for the same. This can save time of the owner for not going to the whole progress for appointment and visiting. In this way, our website is the modern solution for the modern problem in this contemporary era.

II.   LITERATURE SURVEY

We stumbled upon this issue only because of our friend who have both dog named Jigar and cat as her pets. She love both of them very much and treat them as her family member, hence she cannot tolerate anything happened to them. Therefore, if one of them fall ill, she used to take a leave from college, miss the lecture (no matter it is important or not) and take them to the veterinarians. We thought, research and got to know that this is the same case of almost every pet owner/lover. Being computer engineering students, we discussed and decide to contribute to solve the problem using the technology. This can be relief for the pet owner as well as can be a first-aid (prevention) for the pet animals as they also have the right to live a healthy life irrespective of not being able to talk or express their problem.

We browse and researched many of the websites and applications but none of them were properly meant to be the solution. Many of the websites were just articles by the veterinarians which is too patience in this running period. And if, there is any website which have the short and clear answer, first we have to pay for that. And if the owner have to pay for the informative solutions also, then it will be the same as if he/she visit the doctor only. Therefore, we decided to analyse the articles, shortlist the solutions by the well-trained and specialist veterinarians. Consequently providing the authenticated precautions for the pets' issue. And tasking the infrastructure of the paid websites for making the website user friendly.
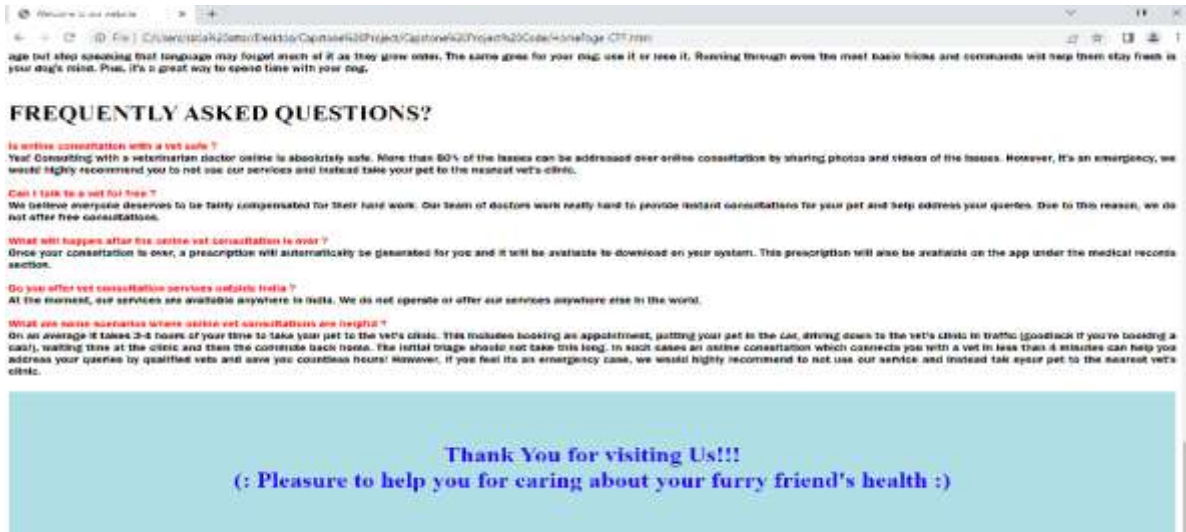
III. METHODOLOGY
Our website is a free and informative. For accessing the website, one must have the link and tangled and irritating for the owner to find the solution after reading the whole article. But as we know no one have that much time and

visit it. After that, the home page will appear which contains the basic knowledge of our website including the working of the website and some information of care to be taken of the pets, training the pets, diet suggestions and the do's and don'ts for the owner regarding their pets. There is also a session at the end of frequently asked questions as regards to website. The home page will also have the tab pane for the user to visit other pages such as:

[1]. Our Gallery.
[2]. About Us.
[3]. Contact Us.
[4]. Our Services.
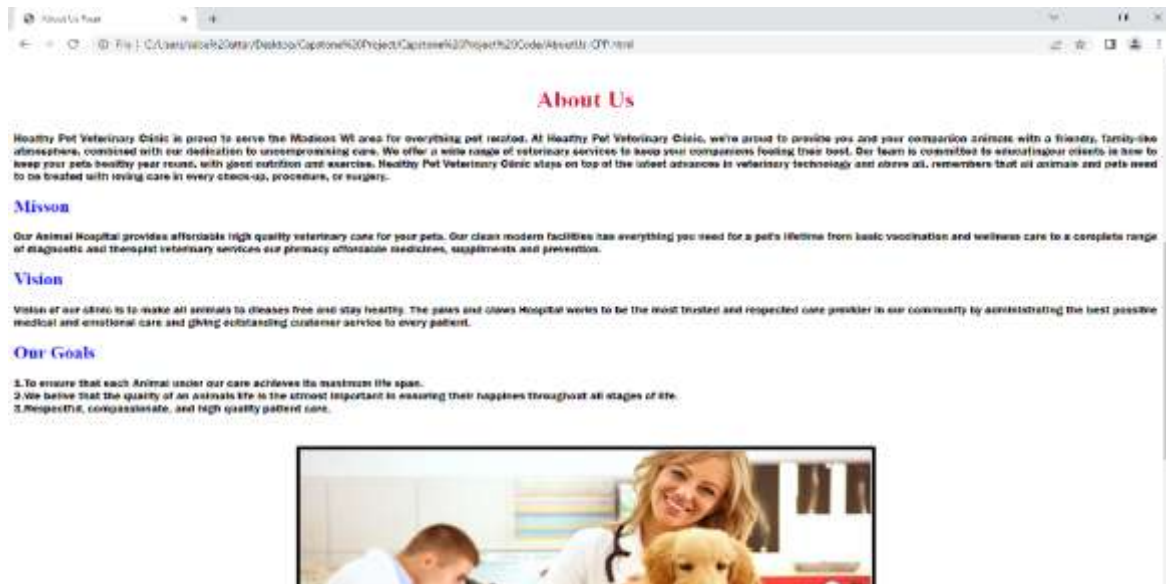
The working of the website goes like:
[1]. Go to Our Services.
[2]. Enter yours details.
[3]. Enter your pet's details.
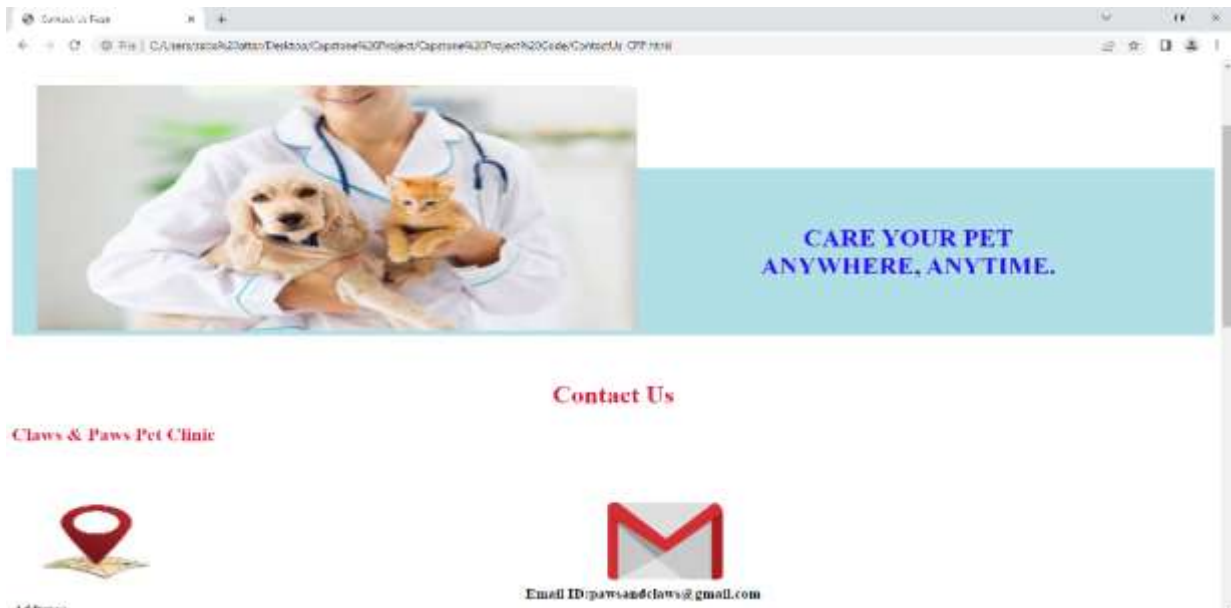[4]. Enlist your pets' issue.
[5]. Get the solution.

Our gallery includes the many pictures of our website and the treatment or services provided by our website and the clinic associated with us for the further and serious treatment to the pet which need proper medical observations and medical equipment. As everything cannot be done virtually. For example, if there is a fracture in the bone of any pet, so there is a need of an x-ray machine to detect the same and it should be plastered. Hence, a vet doctor is must with the equipped machines. About us page holds the information of the website like the vision, mission, our goals and other information. And also about our team. The page describes all the information related to our website.

Contact us page is somehow same as any other websites which have the various ways of contacting. The ways are Address of the clinic which is in association of us, email id for our website which is handle by our team. If you are willing to then we are also available to attend you on a call. For that reason we have shared some telephone/mobile numbers to make you easy to contact. There are also some social media handles mentioned as social media is now a great platform to spread any information or promoting any business.

Our Services is likely to be the heart of our website after the home page, where the website actually has its meaning and serve the user with the proper solution and also have some other services such as:
[1]. 24/7 hours services.
[2]. Online services.
[3]. Feeding and nutrition.
[4]. Health and grooming.
[5]. Relax time for pets.
[6]. Games for pets.

The 24/7 hour services is a section that explains about the various services such as first aid for your pet, methods or ways to tackle the emergencies with the first aid. Elaborates the necessary items to have on hand at the emergency situations. It also tells the user how to take care of the pets' oral health. Making the user understand the necessity and major benefits of buying pet insurance. And last but not the least this section explains how to give heat therapy for the senior pets and also ensure you its benefit   so that you can treat your pet very well with all the basic treatments.

The next section in the services page is the online services. In this, there is an explanation of the best online services provided by our website. There are some criteria mentioned we considered while compiling the list of the best veterinary services. For the easiness and comfort of the user we have mentioned the criteria, so that there is no need for the user to go on other websites for the authentication of the veterinary services. As using the website and its services, many of the users

might get some questions regarding the same and hence we have add the frequently asked questions which have the most common questions and their respective answers.

The adjacent section is the feeding and nutrition. Although, the home page have the diet guidance of a pet, the feeding and nutrition section have the detail information of what type of food should be given to which type of animal keeping in mind the respective breed of that particular animal. It answers many of the questions which comes forth of the pets' owner such as 'How often should I feed my pet in a day?', 'Is packaged pet food more nutritious than homemade pet food?', 'Which food items should I avoid giving my pet?' and 'What are the nutritional food for healthy joints?' etc.

Health and grooming is the following section which contains the tips for keeping the pet healthy. This section elaborates the tips and technique for exercising the pet, giving bath to pet and also how to keep the pet and the critical parts of the body such as the face and the eyes. It also defines how to keep the claws of the dogs and the paws of the cats clean so that they cannot harm themselves or other people.

The next section after the health and grooming section is the relax time for the pets. In this, there are guidelines for the owner for maintaining or developing the solid sleep routine of the pet which is also an essential component of a living being. Teaches the owner to go with the flow of the pets' mood and not to force to do anything unwilling. We have added the relax section the website to ensure that the pet should get its quality time that is indirectly also the time for the owner to relax from his/her hectic schedule. In this way, relax time is not only for the pets but also for the pet owners.

Last but not the least is the section of games for the pets. This section is very much similar to the previous section of relax time but here is the difference of training the pet for being an active. It also helps to improve the behaviour of the pet such as controlling the habit of bitting and harming the people with its sharp nails. Traini9ng the pet can also improve the behaviour or habit of the pet of destroying the expensive things/items in the house. For doing the same, one must first understand the language of his/her pet and learn how they (pet animals) communicate so that they (owners) can know and feel their pets' feelings and situations. All these things can be done with the very effortless way and that is playing games with your pet. Consequently, suggestions of some games are given in this section like Frisbee, hide & seek, water games, rolling fun and bubble chase.

IV.   SOFTWARE & TECHNOLOGIES USED

The list of software's and technologies used for the development purpose in our project are as follows:
[1]. Visual Studio Code - Source code editor.
[2]. InVision Studio – UI designing platform.
[3]. GitHub – Internet web hosting platform.
[4]. 000WebHost – Free web hosting.
[5]. Google Chrome Browser – Web Browser.
[6]. HTML 5 – For designing the website.
[7]. CSS 3 – For styling the website.
[8]. JavaScript – For adding the functionality to the website.

V.   FEATURES

The features of our website are given below:
[1]. Dynamic platform.
[2]. Free to use.
[3]. 24 x 7 available for users.
[4]. Digital platform.
[5]. Become a doctor and trainer for own pet.
[6]. Detailed guidelines.
[7]. Authenticated veterinarians.
[8]. User friendly.

VI.   ADVANTAGES

[1]. Easy to use for everyone.
[2]. Platform independent website, so it will work on laptop as well as on the smartphones.
[3]. Pet owners can learn how to fondle your pet.
[4]. The content of the website will reach to every pet owner.

VII.   CONCLUSION

In this project, we have successfully developed a website named "Claws and Paws (Animal healthcare centre)". The main objective of our website to provide proper and necessary guidance to a pet owner for taking thoroughly care of their pet and not to take their (pets) life/health for granted. This website is a magical lamp for the one who wants to take care, love their pet and cares about their health but do not know how to do all. And doing so without having the genuine knowledge can result dangerous for the pets. The user can access the website very easily as it is a user-friendly website. Also, the user need not have to buffer on various websites for collecting the information to tackle different situations in regards of his/her pets. Using our website can save ones (pets' owner) time by not visiting the veterinarians for small issues such as itchiness, rashes or hair fall. Hence, this website can be an amazing out-turn for both the owner and the pets.

VIII.   ACKNOWLEDGEMENT

REFERENCES

[1]. http://www.jppethospital.com
[2]. http://www.petcoverpune.com
[3]. https://www.plutopetclinic.com
[4]. https://www.ijfcc.org
[5]. https://www.sgu.edu/blog/veterinary/tips-on-taking-care-of-animals/
[6]. https://www.thesprucepets.com/steps-to-train-your-dog-1118273
[7]. Scholarly articles for animal health care literature survey
[8]. Dr. Gore's clinic.
[9]. JP pet clinic.
[10]. DR. RamaniJauram Pluto pet clinic.
[11]. W3school.com
[12]. Tutorialspoint.com
[13]. Geeksforgeeks.com