DOG HAVEN

An easy destination for dog welfare

Pandya Niyati Kerul (20IT077)

Web Developer

KDPIT, CSPIT, CHARUSAT

Email: 20it077@charusat.edu.in

Parikh Harita Mittal (20IT079)

Web Developer

KDPIT, CSPIT, CHARUSAT

Email: 20it079@charusat.edu.in

I.INTRODUCTION

With the outburst of coronavirus, the people witnessed nationwide lockdown, leading to abandonment of the stray dogs. Due to which the dogs experienced starvation and no medical help.

The Dog Haven is a web-based application wherein the welfare of dogs is taken care of. Each animal requires special care and attention which is fulfilled in the organization. The application allows the user to adopt a pet, volunteer towards the animal and find a shelter for rescued animals. Since this application is developed for a non-profitable organization, the amount donated will be utilized for the welfare of the animals.

II. PREVIOUSLY THOUGHT DEFINITIONS

A task of shortlisting project definitions was assigned.
Some of which were:
1. Expense Planner
2. Resume Maker
3. Building a portfolio

III. REASON THAT LED US TO THIS PROJECT

Dogs are also a part of our ecosystem and that is the reason it of utmost importance to take care of them and provide them with a safe environment to live in. We should use our privileges towards the greater good of the society. The stray dogs should also be given equal care and importance as the pet ones.

The main purpose of this project is for working towards the welfare of animals. To provide ease of working towards the welfare of abandoned, stray, lost, or surrendered pets. Automating the system reduces the process of middle man who takes a commission.

Seeing the stray dogs suffer from hunger during the lockdowns gave us an idea to create a one-stop destination for dog welfare by arranging food drives and rescue missions.

IV. SCOPE

Dog Haven is an easily accessible and user-friendly website that can be used by all age groups for a bright future for the animals. Its purpose is to bridge the gap between humans and the stray animals. The main aim is to reach to a larger group of audience who are willing to help but do not have enough resources. We are building a community of people who want to work for the betterment of stray dogs. It is an easy destination to get information about the adoption procedure, rescue centres and food drives in and around their areas.

V. SURVEY

A. PAWS-Progressive Animal Welfare Society

- This is a website for rescue and welfare of wild animals.

- They also provide dogs and cats a home by the process of adoption.

- They also have a full service rehabilitation facility and hospital devoted exclusively to wildlife species.

- Their website also has features of search bar and donation.

B. STRAW-Stray Relief And Animal Welfare

- Straw-India works mainly to provide education regarding animal welfare.

- They arrange nature walks and outdoor learning seminars for children.

- The website provides the features of blogs and FAQ's.

- Their website has an animal helpline feature for the basic first-aid of animals.

C. Pet Finder

- Pet Finder is a directory of animal shelters and adoption organisations.

- They provide an option during adoption to select the breed of dogs and cats.

- The website has login and sign up features and also has a search bar.

- Pet Finder is available as a website as well as an application.

- They also have the feature of fostering animals in their menu bar.

VI. METHODOLOGY

- IDE: Visual Studio Code

- Front-End: HTML, CSS, JavaScript

- Back-End: JavaScript, MySQL

- Database: Firebase

VII. APP FLOWCHART

Link: https://drive.google.com/drive/u/0/folders/12Q4J0IQJW2FV8voFW-sdV2uqdbv7WlOC

VIII. FEATURES

- The home page of the website has a feature to provide reviews and suggestions.

- We have a food drive feature which helps build a community of people willing to help the stray dogs.

- There is a donation module through which you can donate food for the drives.

- Our adoption page provides information regarding the adoption rules and helps the users to register for adopting dogs.

- The rescue portal provides the information of all the shelter homes in the main areas of the city.

IX. RESEARCH GAP AND IT'S IMPROVEMENT

GAP: According to our observation, websites lacked one-on-one interaction with the dogs.

IMPROVEMENT: Dog Haven has initiated personal interaction with the dogs through food drives.

GAP: Some of the websites were cluttered. Multiple animals were being helped by the same website, which made it confusing for the user.

IMPROVEMENT: Dog Haven serves its purpose in a righteous way and focuses on the welfare of only dogs.

GAP: Based on the survey conducted, all the websites accept monetary donations.

IMPROVEMENT: Dog Haven took the charge of accepting only dog food in the form of donation making the process transparent and ensuring the donations are used for the right cause.

X. CONCLUSION

As established earlier, Dog Haven serves the purpose of an easy destination for dog welfare. It provides the facility to adopt a dog, find places for rescued dogs, volunteer for food drives and donate.

XI. FUTURE WORK

Although we have said, that the goal of this application will be accomplished, there are plenty of features that could be achieved:

- Right now our network is only limited to one city but in the future we wish to expand our the country.

- As the project is a animal friendly site, more animal friendly products will be added to the purchasing frame of the site.

- We would like bring our website in the form of an application for easy access.

XII. REFRENCES

- https://www.researchgate.net/publication/295893573_Animal_Welfare_Policy_Implementation_in_the_Context_of_Wildlife_Research-Policy_Review_and_Discussion_of_Fundamental_Issues

- https://www.paws.org/

- https://www.strawindia.org/home.aspx

- https://www.petfinder.com/

XIII. BLOGS

- https://niyati707723743.wordpress.com/dog-haven-3/
- https://haritaparikh.wordpress.com/dog-haven/

XIV. PLAGIARISM REPORT

https://drive.google.com/drive/folders/1HRKnKab6NWbuGAkH8erjBZQJvPM_zWv9