

Stray Adoption-The Conclusion!

Guidance By-Chandrashekar M. Mahajan.

Group members:-

Roll no.:32 Name:Neel N. Kulkarni,

Roll no.:33 Name:Sakshi U. Kulkarni,

Roll no.:34 Name:Shrinidhee D. Kulkarni

Roll no.:35 Name:Swanand S. Kulkarni,

Roll no.:36 Name:Vaishnavi Y. Kulkarni

Department of Engineering, Sciences and Humanities (DESH)

Vishwakarma Institute of Technology, Pune, 411037, Maharashtra, India

Abstract — In today's world, people are suffering from a lot of health issues in which mainly they are facing mental health issues due to tension, loneliness, lack of work-life balance. So to avoid loneliness, pets often play an important role in our life. Pets are a source of happiness due to the pets we get relief from our daily tensions and pressures. Pets are innocent like newborn babies. So pets play a vital role in our life. In our country, we found a lot of stray animals. These animals need human care and humans need these animals' innocent love. So the purpose of this project is to provide home and shelter to stray animals. We have developed a responsive website that can provide home and shelter to stray animals. From this website, people can get information about stray animals across different locations. So that people who are interested in adopting a pet can easily adopt

it. On this website, we have provided detailed information about pets.

This website is also helpful for people who have found any stray animals on the road, so they can take pictures of stray animals and can upload them over the website. We have also provided a feature of mail so that interested people get notifications. Also, we have added a new feature of the shelter. The website contains information about the pet shelters so in case no one is available to adopt the animal shelter will take care of it.

So in this way, our website will try to save stray animals.

Keywords — Shelter , Pet Adoption ,Web

Development , Stray Animals , Responsive Web design

I. INTRODUCTION

Problems and risks are the effects of the presence of stray animals. They affect health, the economy of the country and their own health as well.

There has been an intensive change within the use of animals as agricultural and meal sources to organic test tubes for comparing scientific postulates, comparison of healing compounds, and gaining knowledge to health processes. The population of stray animals has increased extremely in these few years because of increased human population and bad waste management systems i.e. keeping the garbage exposed for the strays.

Thus we need a good system which will help us stabilize the increasing population of strays. The issues faced by stray animals can be finally understood with a proper definition of stray.

Which is 'The one which is lost and lonely but is domesticated and not wild.'

Large populations of stray pups and kittens are human health concerns. Leptospirosis, cat scratch fever are the dangers for population dwelling in regions of massive stray numbers.

The disturbances caused due to street dogs barking as for their territorial fights creates a hassle for the local citizens.

Stray dogs and cats typically have a mess of fitness and welfare issues. Moreover, those stray animals pose dangers to the contribution of the community, along with zoonosis, environmental infection and interruption to monetary activities. Stray cats and dogs reveal health issues, mainly worse while overpopulation occurs. Because of restrictions in availability of resources, maximum strays are left to depend upon

scavenging for survival, and maximum are visible consuming the meals humans throw away. This caused severe health issues among them, and these problems/diseases are easily transferred among the animals as there is excess population.

They face other problems like abuse, homelessness, starvation, ill treatment from cruel people, they may fall prey to predators, and many more. Thus the adoption processes should include an examination and approach which includes the strays whole family. Animal shelters will actively contact the new families of the strays at various times to see what medical or behavioral problems and address these issues in order to keep the animals in their new home. We will provide all the resources to do so. Eg. Using email surveys is a cost effective method that requires minimal staff/volunteers.

The paper at last will propose answers for controlling the population of stray cats and dogs. The answers have been well reviewed and are probably beneficial in casting off the trouble of their growing population.

II. LITERATURE REVIEW

Approximately, 35 million dogs are living on the streets of India. This number has risen by 17% since 2016.[1] In a research article published by TIME, the author explains the changes that have occurred in pet adoption for a long time. The author says that the percentage of dog adoption has increased by 20% in the period of 10 years from 2006 to 2016. The author also elaborates how the internet and social media has helped

drive the rise in awareness of adoption.

[2] In another research proposal related to 'Increasing adoption rates at animal shelters', the author talks about the recent trend of pet adoption. Author states that approximately 6-8 million animals enter the rescue shelters each year. The author also tells about the increasing global interest in pet adoption in the early phase of the pandemic, but explains that this is not sustainable.[3] In an article on pet adoption in 2021, the author clarifies that pet adoption had become a trend in the early stage of lockdown. Author explains that people feared of not having someone to talk to and were left lonely amid the lockdown resulting in adopting a pet for company.[4] In a research journal paper, the author tells about the risen adoption rate in mid 2020. Author enravels that about 12 million households have gotten a pet in this period of time.[5] Also, IIPTF (India International Pet Trade Fair) stated that there is a increase of nearly 3 million in the pet population of India in 5 years from 2006 to 2011.

III. METHODOLOGY/EXPERIMENTAL

A. Components

The above figure shows the proposed system architecture of our project. Photos and information of stray animals will be edited on the website. The shelters will act as a moderator in the adoption process. When someone finds

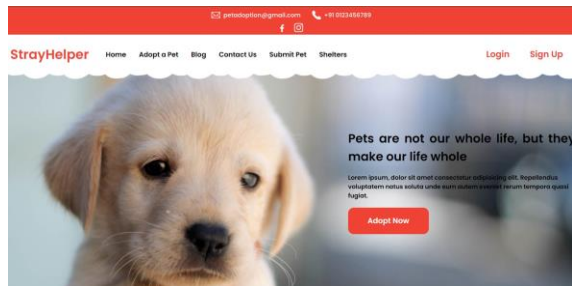
a stray dog near their locality they will visit our website. Where they'll first see the home page which shows a few pets available for adoption, a few info and testimonials. Then from home page we can go to login or signup page where we'll be signed in on the website when we'll be redirected to the adopt a pet page.

There is also the adopt a pet page which shows the list of animals available for adoption. Then there is the submit a pet web page which shows the submission form which needs to be edited by the one who wishes to donate the pet available. Then there are the shelter web pages which contain the information of shelters which are acting as moderators and they can be contacted via email.

There is also a blog page which shows the statistics of the stray animal welfare related information.

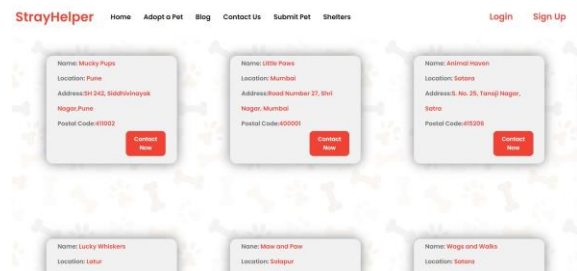


IV. RESULTS AND DISCUSSION



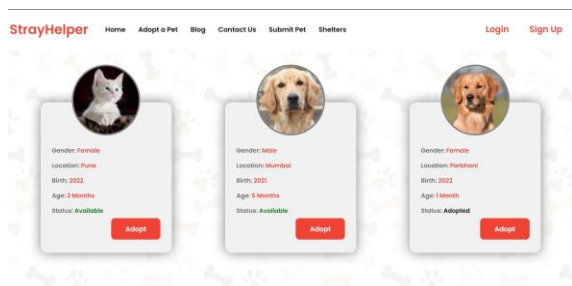
Home Page

The figure shows the homepage of the website. Here users can view the statistics of the website related to animal adoption. Then the user can view the photos of the animals available for adoption. The home page contains the mission and vision of our website. The home page contains a section of testimonials so the new user can also view the experiences of our existing website user. Then there is one newsletter user can subscribe to so that the user will get all the updates on the email.



Shelter Page

The above image shows the Shelter page of the website. Here users can view the list of different shelters which adopt the pet. So that in case if the pet submitted by the user do not get adopted then user can contact the shelter to adopt that pet



Adoption Page

The above image shows the adoption page of our website. Here users can view the list of different animals available for adoption. Here users can see the photo of the pet, location of the pet and status of adoption that pet is available or not. When the user will click adopt button, the user will get redirected to the page where the user can view all the information about the pet.

V. CONCLUSION

A pet friendly website will be developed by us where our main goal is to get the strays a suitable home for them. Reducing the paperwork, the website will help users to easily get connected and adopt/donate help for stray and pets. The users can share their pet's pictures and also share the pictures of some abandoned animals they come across. The user can register them to the organization through website and choose appropriate options. Saving time, reducing paperwork and easy retrieval of records can be made possible. Sign up, log in/log out, home tab, information of stray and individual, these webpages are developed to make the process digitally accessible and safe so that misuse of any information can be avoided.

VI. ACKNOWLEDGEMENTS

The paper would not be completed without knowledge of critical language of theory inside it and how to put up the points in the format. The paper was processed under encouragement and guidance of Prof. Chandrashekhar M. Mahajan, Head of department of Engineering sciences and humanities and having teaching background in Robot mechanics and electronics. Relevant facts about how research paper

should look like and how the various aspects of each section should be put forth were thoroughly explained. We are thankful to Mrs. Madhuri M. Barhate ma'am, teaching faculty under Problem solving and Programming for helping hand in writing coding part of website which includes language like HTML, CSS, NodeJs, Javascript etc.

VII. REFERENCES

- [1]https://www.researchgate.net/publication/337794259_JSP-Based_Pet_Adoption_System
- [2]https://www.researchgate.net/publication/236005514_Adoption_in_India_-_the_Past_Present_and_the_Future_Trends
- [3]<https://research-paper.essayempire.com/examples/argumentative/animal-welfare-research-paper/>
- [4]<https://www.wowessays.com/free-samples/sample-research-proposal-on-stray-cats-and-dogs/>
- [5]<https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/stray-animals>
- [6]<https://www.peta.org/issues/animal-companion-issues/overpopulation/>
- [7]<https://pawsofmeadvice.com/pets/stray-animal-statistics/>
- [8]<https://www.aspca.org/helping-people-pets/shelter-intake-and-surrender/pet-statistics>