

ONLINE PET ADOPTION WEBSITE

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Abstract: As we move towards nuclear families, we see more people becoming pet parents. Though the most common way remains buying pets, yet adopting pets would not just a rehome a homeless, but also fill their lives with adoration they have pinned for. As in lockdown we saw everything move online, so adopting pet too could go online. Website is the easiest way for customer to shortlist a pet and through map locates the nearest one for adopting. It makes the process hassle free and connects user directly to owner. It also gives the user the benefit of choosing from home, this being an added asset.

Keywords: Map integration, Pet Adoption, Pet Care, Rehome, Shelters, Website

I. INTRODUCTION

Thousands of ill-fated animals are abandoned on the streets due to old age or unrestrained reproduction. These animals either starved to death or are beaten up and injured by local crowds or euthanized. Often people who are forced to give up their pets because of their inability to care for them or some find difficulty in raising too many off springs of their pets. We believe that everyone in this world deserves a home, to love, to be loved and feel warmth. So, as a way for the pets to be rekindled with love and affection, simultaneously transmitting their adulation for us humans. Most of the papers available, highlight the need of software for proper pet care. [1] These papers also underline the human ignorance about pet needs and their well-being. [2]. For abandoned and rescued pets, euthanasia is becoming almost a norm, rather than sending these pets for adoption.[4] According to several studies conducted, animals as pet are considered to be the best stress busters.[10] In these tough pandemic times and several lockdowns later, we see a mammoth rise in pet parenting. Simultaneously, as the world started opening again, we saw many of these voiceless become homeless and abandoned. [6] Over the years several studies emphasize on pets being stress relievers, and "Dog being man's best friend.", strengthening the motive to create a website for users to adopt pets.

Many technologies and app like JSP, blockchain for shelters, etc. [7] Mobile applications helps the user know about pet's well-being and health issues with just one tap or click on the phone. [8] Technology for adopting pet will help user adopt a pet from the comfort of the home as well as learn about pets easily from the website. [9] This would also reduce animal atrocities and malpractices involved in buying pets. An online pet adoption website is ideal to provide both of them a medium to create a better world. By creating an online pet adoption system, we can convince the user to adopt a pet rather than buy an animal. Not, only would it give another life to pet, but also prevent them from being on roads and contribute towards environment. Login page increases authenticity of people posting and obtaining details of pets, thus preventing animal atrocities. Pet guide for food, vaccination, toys, clothes and minute requirements would make users more inclined to adopt. Inclusion of NGOs and shelter home, gives user an assurance of well-being of pets to be adopted were in safe hands. Mapping the pets available for adoption, gives users a choice for selecting the nearest to home and make the best choice amongst all pets.

II. METHODOLOGY

We conducted a survey amongst over 90 respondents to know their preference of adopting a pet and website usage for such work.

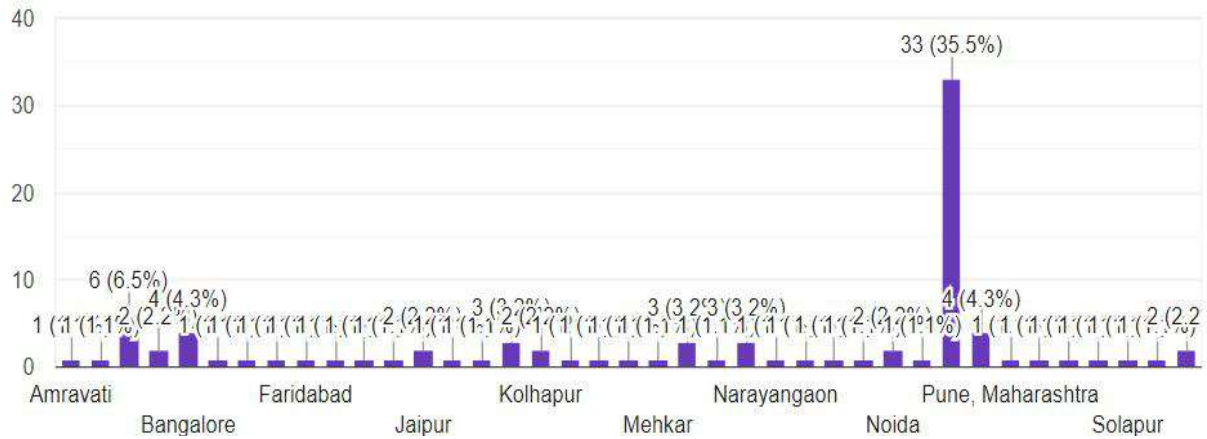


Fig 1. Respondents belonging to various demographics pan-India

How would you rate your knowledge on pets?

84 responses

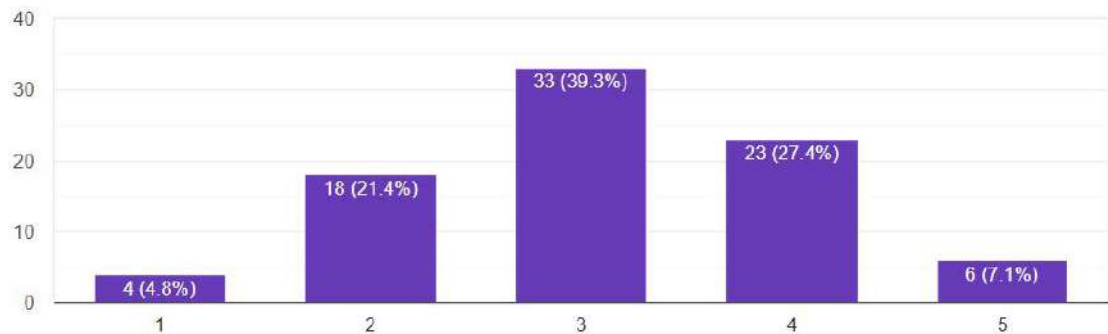


Fig 2. How the respondents assess themselves on knowledge of pets.

This leads us to give a webpage for pet care guide on our website. This would help the pet parent, resolve small issues, and become more willing to adopt a pet.

Your preferred kind of pet?

84 responses

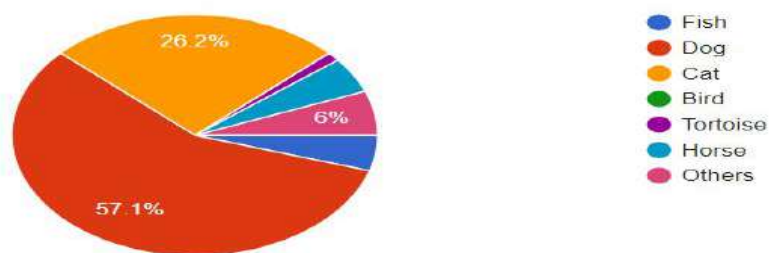


Fig 3. The preference of pets amongst the respondents

Dog being most popular pet followed by cat. Tortoise is least preferred amongst the users.

Have you come across any pet adoption website/app before?

84 responses

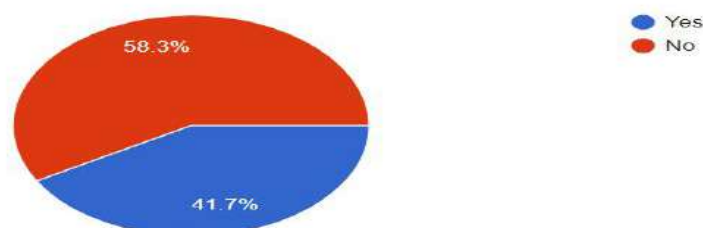


Fig 4. The utility of our website as very few users have come across a pet adoption website/app.

Do you know the difference b/w adopting pets and buying them?

84 responses

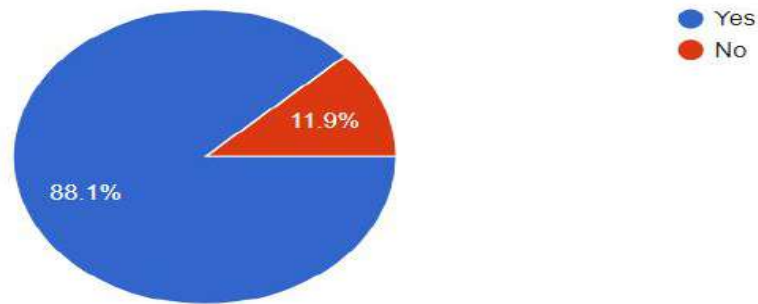


Fig 5. Knowledge of user with difference between adopting and buying pets

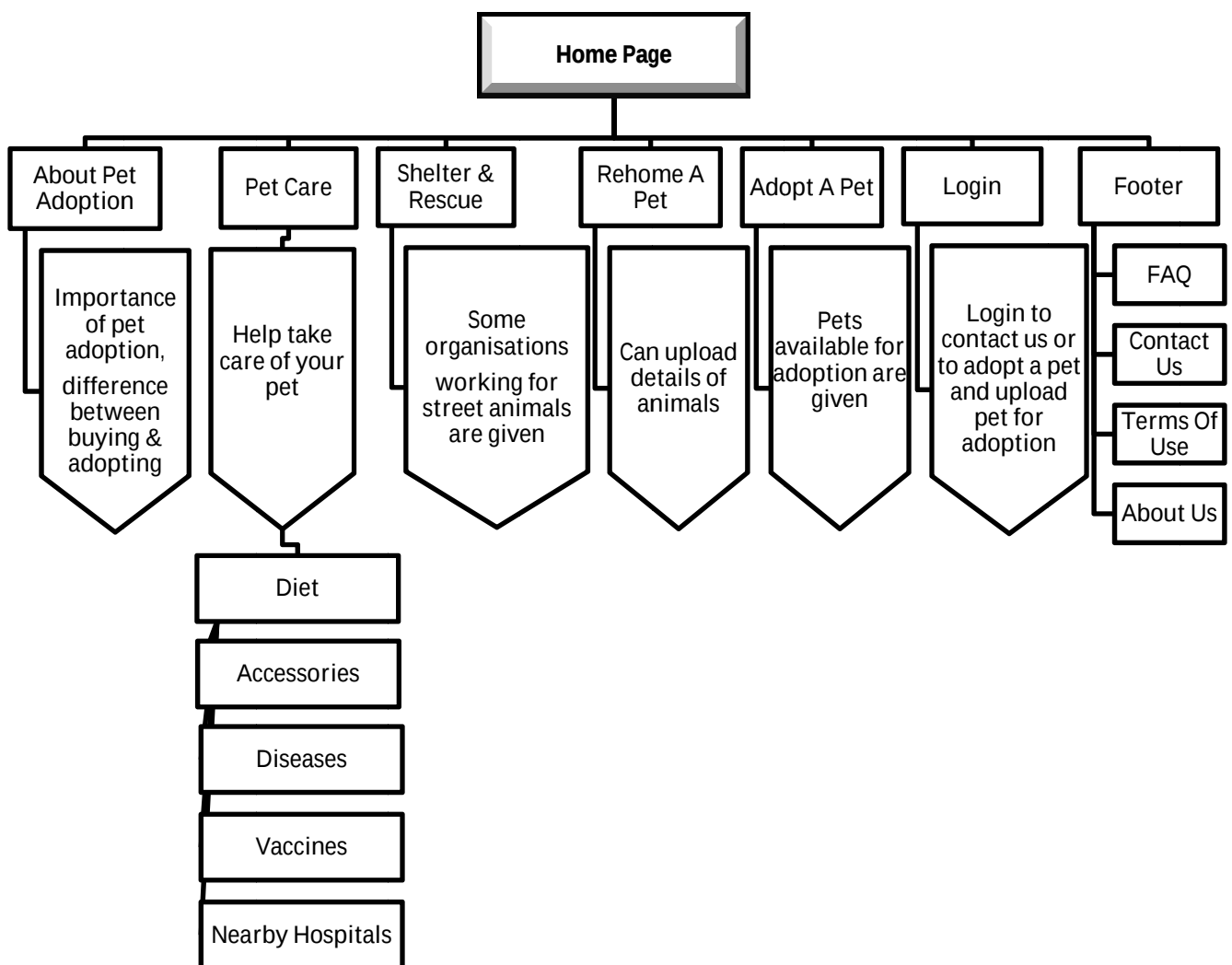


Fig 6 Website design and its features

Thus, on basis of above survey we designed a website catering to the user needs as per the audience to use our website. Website is designed using HTML and CSS for a better UI experience. Its backend connection is developed using PHP and JavaScript for ease of access and making the website user friendly.

Our website homepage shows different tabs for user to choose from and visit one of many web pages.

- **Login page:** Allows user to login after signing up and access data using MySQL Database of pets or put pets for adoption.
- **Rehome a pet:** Allows user to upload details of pets after being authenticated.

- **Pet Care:** Gives a full-fledged manual on caring for pets and about all their needs including vaccination, food and accessories.
- **Shelter and rescue:** Give a list of NGOs with contact details working for rescued and abandoned pet to contact directly for adoption
- **About pet adoption:** Helps user understand the importance and need of pet adoption.
- **FAQ:** Frequently Asked Questions and their answers
- **Contact Us:** Means of contacting the website owners and creators.
- **Terms of Use:** The copyright and conditions for prevention of misusing the website.
- **About us:** Details about the website owners and creators.

III. RESULTS AND DISCUSSIONS

Through surveying over 90 respondents, we see most of the people are animal friendly. Yet, only a few have come across pet adoption website or any similar application. Pet buying promotes forced and cross breeding of animals, while pet adoption gives abandoned or uncared animals a new life and loving environment to prosper. Old or ill pets may get a second chance to life and proper treatment and love may heal their trauma. Pet owners with too many offspring being born, would get a safer and easier outlet to give up their little bundles of joy for adoption. Pet guide would unanimously ease the anxiety and uncertainty of new pet parents, in case of trouble arises. Map integration will help users know the closest pet available for adoption.



Fig 7 Map integration in Website

IV. FUTURE SCOPE

- Promoting adoption of pets rather than incessant buying as product of cross-breeding
- Fostering the idea of safe environment for pets to be adopted and cared for rather being abandoned
- Connecting pet owners to the person who wishes to adopt, will provide more authentication of genuineness.
- Create a network of shelter and rescue homes to provide many pets a better home and brighter future.
- Reducing homeless pets ending up on roads and avoiding road accidents they subconsciously become part of.
- Prevent pet owners from leaving excess offspring of pet on roads or abandoning their old and ill pets

V. CONCLUSION

There are hardly any pet adoption websites or apps available in India. As pet abandonment becomes a rising issue during pandemic, we can do the least by providing a platform to those who cannot speak for themselves. A web development project is recommended to ensure safe pet adoption. Pet care manual, their essential and health care needs for first time pet parents, would provide an impetus to safe handling of pets. Map integration allows user to adopt a pet nearest to the home, making the process easy and hassle free.

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