Animal Rescue and Welfare Wellness Web Application

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Abstract: *Drawing the idea from the inspiration of social networking sites on our day-to-day life and Web Application for the improvement of pets that will be developed by using the concept of Web Application development. Paws for Rescue is a non-profit organization dedicated to rescuing homeless animals and finding them loving, permanent homes. Our website serves as a platform to showcase the animals in our care, provide information on adoption, and educate the public on animal welfare issues. We believe that every animal deserves a chance at a happy and healthy life, and our team of volunteers works tirelessly to provide them with the care and attention they need. Our website features detailed profiles of each animal, including photos and information on their personality and behaviour. We also provide resources on responsible pet ownership, such as training and healthcare tips. Our goal is to connect animals with their forever families and create a world where every pet has a loving home.The recent system of training the pets is done by hand which is time-overwhelming. Maintaining records is problematic and maybe misdirected which leads to a lot of confusion or a great trouble. The main idea of this paper is to provide a user-friendly interface to automate the process of helping towards the welfare of the pets by giving the abandoned pets a place of housing and care them with love. The application also gives plans for caring for the pets, the adoption procedure of a pet, and volunteering towards the pets.The user can do the adoption process through the application as this process is time-consuming if done manually. The application provides the user an option of donating any amount to the organization.*

Keywords: Rescue, Welfare, Wellness.

I. INTRODUCTION

This is animal rescue. It is a critical issue that requires ongoing attention and resources to ensure the well-being of animals worldwide. Advances in technology have provided new opportunities to support animal rescue and welfare efforts and to enhance the care and well-being of animals. The side of it that doesn't usually get perceived by the public. What they see is the end product; joyful, fit puppies, kittens, cats, and dogs that are just too cute to fight. This is logical. People retreat from pitiful, smelly dirty things, yet that is what we frequently start out with. It isn't their burden of course. They were just born in the wrong place or to the wrong people. Some lost their moms, others were just forsaken on the side of the street to fend for themselves which, of course, they can't do. The user can do the adoption process through the application as this process is time-consuming if done manually.

The application provides the user an option of donating any amount to the organization. The donation can be done using cash, cards. The user can register them to the organization through the application and choose their area of interest as to work as a volunteer, adopting a pet, or purchasing the products related to pets. For adoption as well as volunteering, the user can choose the pets that are in the organization view their details, and if they wish they can continue with the process of adoption or volunteer.

II. LITERATURE SURVEY

The recent system of training the pets is done by hand which is time-overwhelming. Maintaining records is problematic and maybe misdirected which leads to a lot of confusion or a great trouble. The main idea of this project is to provide a user-friendly interface to automate the process of helping towards the welfare of the pets by giving the abandoned pets a place of housing and care them with love. The application also gives plans for caring for the pets, the adoption procedure of a pet, and volunteering towards the pets.

This paper discusses the development of web application for animal rescue and rehabilitation, which includes features such as real-time monitoring of animal welfare, data collection and analysis, and communication tools for animal welfare organisations [1].

This paper describes the development of a web-based system for animal welfare monitoring and evaluation, which includes features such as real-time monitoring of welfare indicators, data collection and analysis, and communication tools for animal welfare [2].

This study describes the development and testing of an online platform for animal welfare and behaviour research including features such as data collection, data sharing[3].

This paper provides a comprehensive overview of the current use of technology in animal welfare, including areas such as monitoring and evaluation of animal welfare, data collection and analysis, and virtual reality and gaming applications for animal welfare education[4].This study explores the impact of technology on animal welfare education and training, including the use of online resources, virtual reality, and other forms of digital technology to support the development of animal welfare knowledge and skills [6].

III. SYSTEM REQUIREMENTS

- OPERATING SYSTEM: WINDOW 7 OR ONWARDS/LINUX/MAC
- RAM: MIN 2BG MAX 16GB
- PROCESSER: PENTIUM DUAL CORE OR ONWARDS
- CODE EDITOR: VISUAL STUDIO, SUBLIME TEXT
- BROWSER: CHROME/FIREFOX/MICROSOFT EDGE

IV. PROPOSED METHODOLOGY

This is animal rescue. The side of it that doesn't normally get seen by the public. What they see is the end product; happy, healthy puppies, kittens,cats, and dogs that are just too cute to resist. This is understandable. People recoil from pitiful, stinking filthy things, yet that is what we often start out with. It isn't their fault of course. They were just born in the wrong place or to the wrong people. Some lost their mothers, others were just dumped on the side of the road to fend for themselves which, of course, they can't do. The main idea of this project is to provide a user-friendly interface to automate the process of serving towards the welfare of the pets by giving the abandoned pets a place of shelter and care them with affection. The application also gives guidelines for caring for the pets, the adoption procedure of a pet, and volunteering towards the pets. The user can do the adoption process through the application as this process is time-consuming if done manually. The application provides the user an option of donation to the organization.
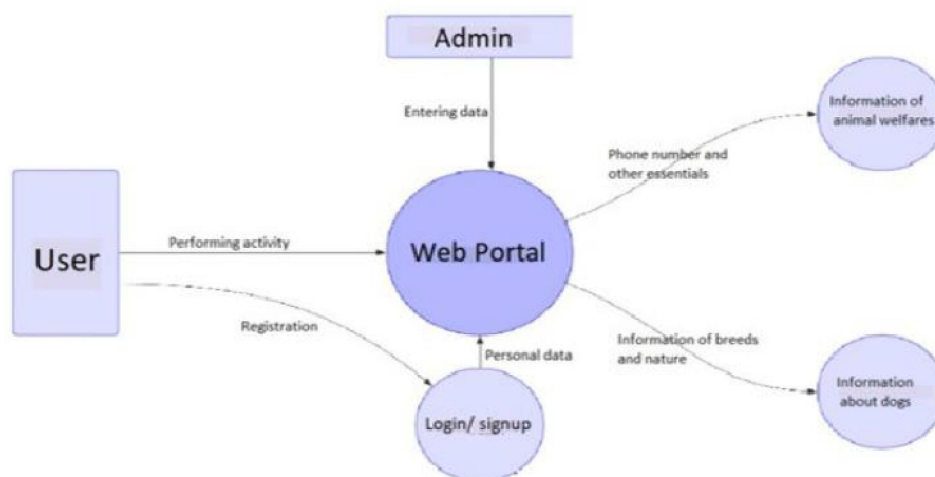

Fig. Block Diagram

V. FUTURE SCOPE

The project aims to build a pet-friendly Web Application where the users can get connected, share their pet's pictures, and also share the picture of some abandoned animals they come across, through which a shelter can be searched for the poor animal. The project also displays items that can be bought by users for their pets' nourishment and care. The future implementation of this project is that later GPS location will be added to the site through which location of the abandoned animals and shelter for them can be reached easily. Other features like creative dog emoji and changes in the CSS of the page will be implemented. As the project is a pet-friendly site, more pet-friendly products will be added to the purchasing frame of the site.

Set standards for things like cleanliness, space, physical construction, waste disposal and lighting in areas where animals are kept. Animals must be provided with specific medical care, including vaccinations, clean living quarters, fresh food and drinking water. They rules require a quarantine room for sick animals. They also require an isolation room with a separate entrance where newly acquired cats and dogs must be held for 48 hours after they are brought in from out of state. There are standards for when an animal can be placed for adoption and foster care. The rules would require rescue organizations to ensure that animals brought into Massachusetts are vaccinated and have health certificates. Rescue organizations would have to keep records on all their animals, and animals would have to be seen by a veterinarian prior to adoption. Rescue organizations would have to annually renew their registration with the state.

ACKNOWLEDGMENT

REFERENCES

[1] S.K. Kim,"Developing a Web Application for Animal Rescue and Rehabilation",2014.

[2] R.J.Younge, "A Web-Based System for Animal Welfare Monitoring and Evaluation", 2015.

[3] Broom, "An online platform for animal welfare and behavior research", 2016.

[4] W.A.Rauw, "An Overview of the Use of Technology in Animal Welfare", 2018.

[5] Veterinary Journal, "The role of telemedicine in animal welfare", 2019.

[6] Journal of Veterinary Medical Education, "The impact of technology on animal welfare education and training", 2020.