

PROJECT DESCRIPTION

Over the past year, shelters have played a significant part in today. Rescuing, rehabilitating, and providing a new home for cats and dogs that have been wandering the streets. Because of the low adoption rate, the number of animals in the shelter continues to grow and the shelter can no longer afford to provide foods and medications for the pets to sustain them. As animal adoption is not given much attention in the country, and certain stigmas are surrounding such topics. Additionally, some people prefer to choose the breed of their pet, so they would instead buy from a breeder or a pet store rather than adopt one. This causes shelters to overpopulate with animals, ultimately resulting in euthanizing some animals.

As animal shelters handle pets that have been rescued or surrendered at the shelter. Its primary objective is to give a second chance to those animals that experience tough life wandering the streets and experience irresponsible pet ownership. As time passed by, the shelter continued to give a home to the pets and gained recognition for their outstanding dedication in the shelter, as well as for the animals who receive love and care.

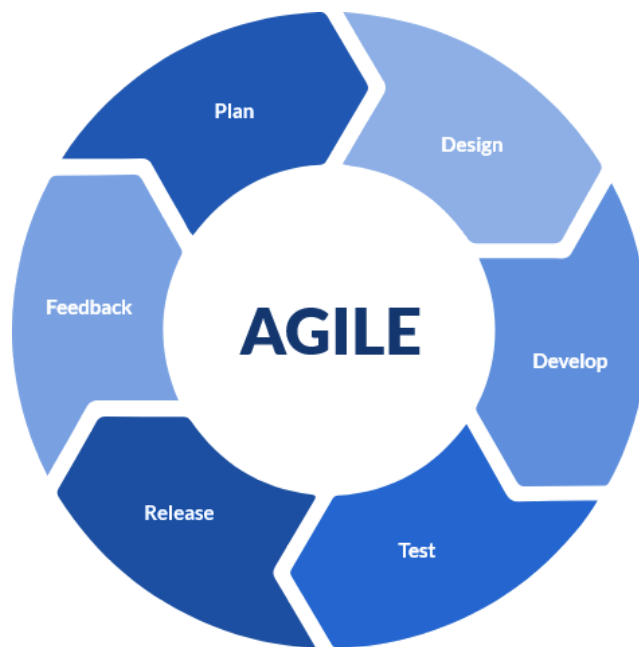
The main problem is the future pet owners who are unable to provide for their pets needs, daily food and vitamins which are their main needs. The supplies that will be needed when you adopt them. Since the adoption rate is lower, it is hard enough for these pets to get adopted as some are not engaged in pet adoption and what is its purpose. In addition, people are not into taking care of animals that came from the shelter, resulting in more rejection and criticism from others without proper basis.

Due to some traumatic experiences, animals or pets experienced being abused, neglected, and irresponsible pet ownership that leads to feeding them to exotic animals. Being returned to shelters because the owner can no longer love, take care, feed them and sustain its needs for the long-term or commit to them. Being voiceless and can't ask for help when needed is tough enough, thinking how these animals will be able to survive.

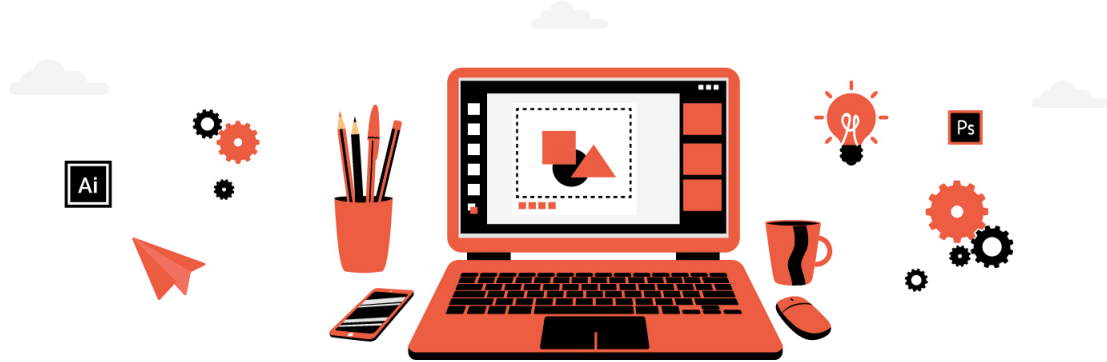
The cause and effect of why there are still low adoption rates in the animal shelters are some of the shelters are non-government orgs which lack help from other orgs and low shelter recognition. Followed by, ineffective use of social media platforms which results in lack of promotion and endorsement, As well as low reach of audience and engagement of posts. Next is the irresponsible pet ownership that feeds their pets to exotic animals and pets being neglected after adoption. Lastly, an ineffective adoption process which results in miscommunication, distance from the Urban and lack of requirements needed.

By implementing a comprehensive approach that encompasses streamlining the adoption process , enhancing animal welfare, fostering public education and engagement, and creating a web-based system that helps the adoption rate higher and adoption process faster and convenient to users' experience. Moreover, the web-based system will gladly help find the perfect match that would fit into the standards of the future pet owner who wants to adopt animals from the shelter.

DEVELOPMENT MODEL



The team uses Agile Methodology as it helps significantly improve the quality of the software each release. In addition, Agile methodology is an iterative and incremental approach to software development. Moreover, it enables the team to adapt to change quickly. It includes planning, design, development, testing, release, and feedback.



PLAN/PLANNING

During this stage, the team first planned and brainstormed if creating a system is really necessary. If so, what features or parts of the module are needed to provide what the client needs. Additionally, it is important to think critically about what will make the system unique, what the system has that others do not and how will the system work for clients satisfaction.

DESIGN

During this stage, the team chooses a color palette that is suited and friendly as the system is for pet adoption. In addition, satisfaction and giving what the users need for better experience is the team's top priority. As for the user interface, it is designed to meet user expectations and support the effective functionality of the system. Moreover, it is also considered that the system must facilitate the interaction between the user and the program through the use of visuals and design.

DEVELOPMENT

During this stage, and upon the development of the system. The team started the coding to see and assess what is the actual look of the system when it is created. Additionally, the team would develop a system that meets the requirements and the objectives set for the system's users.

TEST/TESTING

After the development of the system, it is required to put the system up to the test to ensure that it is running well without errors. If so and there are errors encountered during the testing, the team can debug the system and perform another test to avoid any circumstances upon the release of the system.

RELEASE

After testing, it is time to release the system for the users to use and access.

FEEDBACK

During this phase, the team listens to feedback and adapts easily to changes that can improve the system, especially the goal is to satisfy what the users need.

SYSTEM ARCHITECTURE

GITLAB REPOSITORY

Link to repository: <https://github.com/CJLandicho/PetDetails>