

IT-332



[🐾]PET LIST

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PROJECT DESCRIPTION

Pets, like humans, also need to be consulted by a veterinarian every once in a while. They also need their health checked professionally, whether it be their physical, mental or social health because, like us, they can also face problems with it. They can also face issues and complications as serious as humans do, such as skin conditions, stomach issues and ear infections which is why a veterinary visit is always necessary for a pet and their owners. However, some pet owners tend to forget the veterinary appointments for their pets. Even if they write down the appointment schedule on a piece of paper, it might get lost or misplaced.

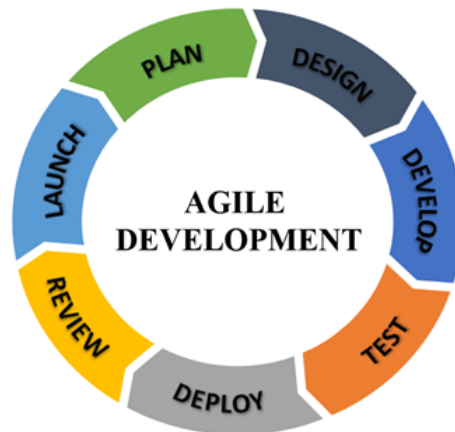
The pet list application is an excellent solution to this issue. The pet owner can use the application to set the date of the appointment on their mobile phones. Aside from that, information about the pet can be saved. The app would be especially useful for pet owners who have a large number of pets. Specifically, animal shelters can benefit from this application to monitor the vaccination date of each pets.

During the development of the application, the team members used tool such as Ionic Framework, Angular and Visual Studio Code.

OBJECTIVES

The main objective of the application is to develop an app that will accordingly display the list of pets. Specifically, it aims to:

- Enable user to add new pet on the list.
- Provide an appropriate vaccination date entered by the user.
- Display gender and breed of the pet through option buttons.
- Enable user to delete the pet from the list.
- Enable user to sign in with account.



The Agile Model is illustrated and includes phases like the planning, design, development, testing, deployment, review and launch. The member used such a model mainly because of its flexibility. A software development methodology enabled a well-structured plan and total control of the processes throughout the development of the application.

PLANNING PHASE

This phase includes the addressing the application's goal, integrate ideas about the application and outline the overall concept for the app.

DESIGNING PHASE

After planning, the team members analyzed the gathered data and sketch the visual look of the application. The application design also includes defining necessary requirements that will aid in the construction of the app and satisfaction of the specified requirements.

DEVELOPMENT PHASE

This phase focuses on application coding. The team intended to make the application's graphical user interface user-friendly and simple to use.

TESTING PHASE

Following the development phase's coding, the team run a series of tests to ensure that the code is well-structured and bug-free.

DEPLOYMENT PHASE

This phase will determine whether the project has passed the testing phase and is ready to be used by the user.

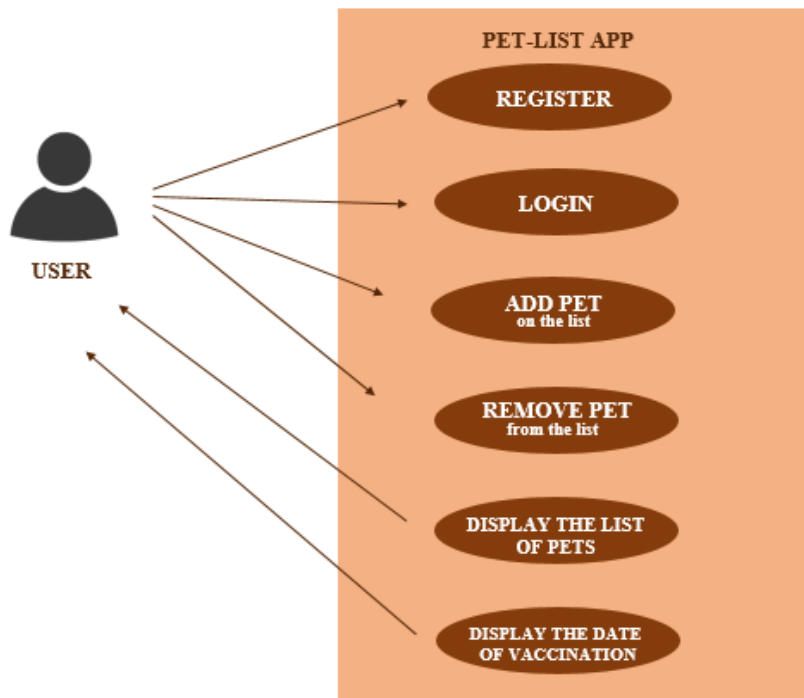
REVIEW PHASE

During this phase, the team intends to monitor or review any issues or problems that may arise on the mobile application.

LAUNCHING PHASE

The mobile application will be made available for users in order to access and use the app after testing.

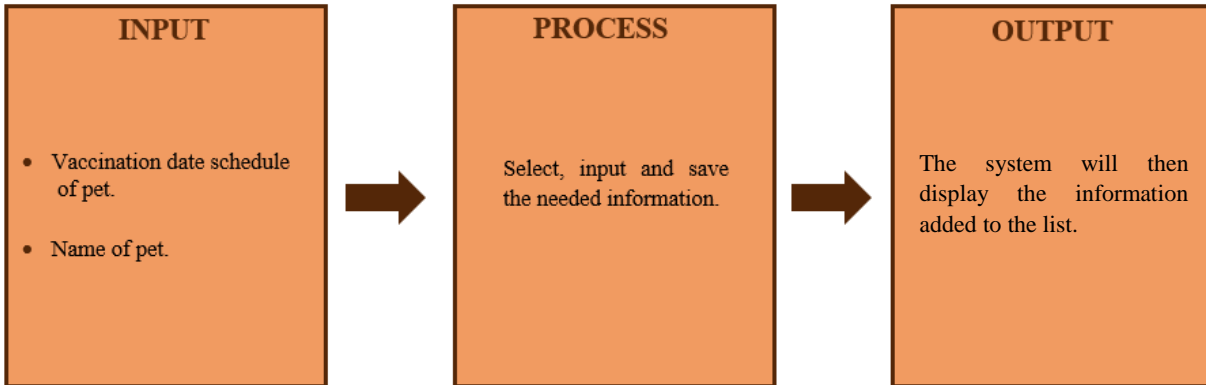
DEVELOPMENT MODEL



USE CASE DIAGRAM

Use Case Diagram shows how the user interact with the application and how the application functions. The use case diagram also summarized the details function of the user. It is used to visualize the external things that happen when interacting with the application.

CONCEPTUAL FRAMEWORK



INPUT PROCESS OUTPUT

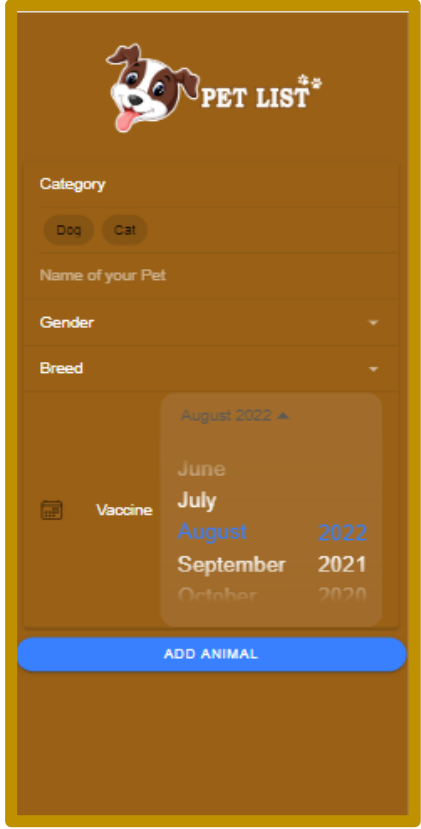
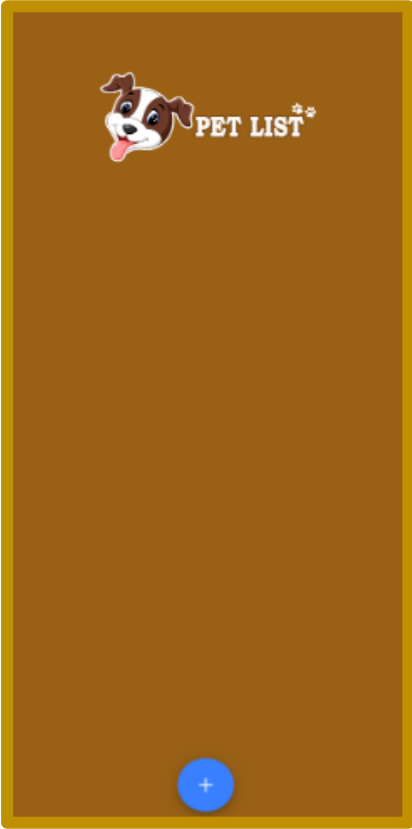
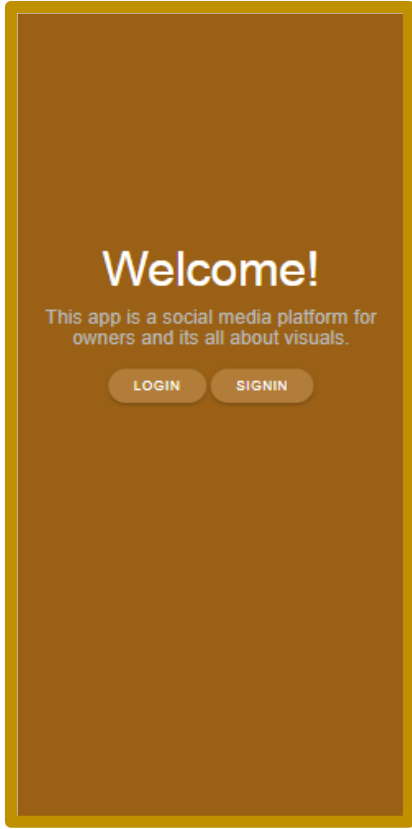
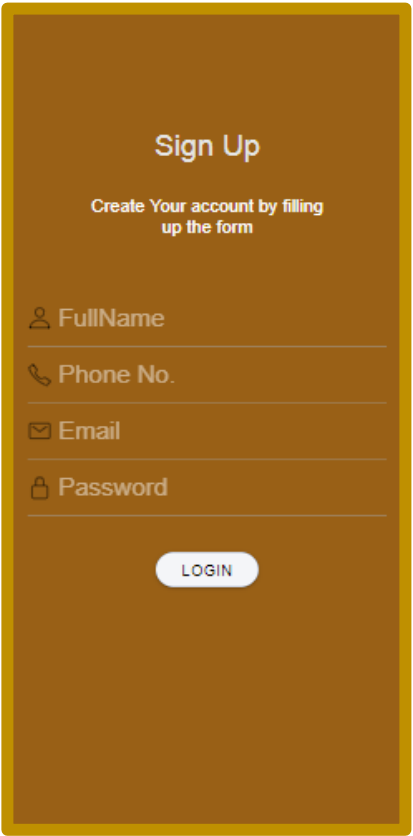
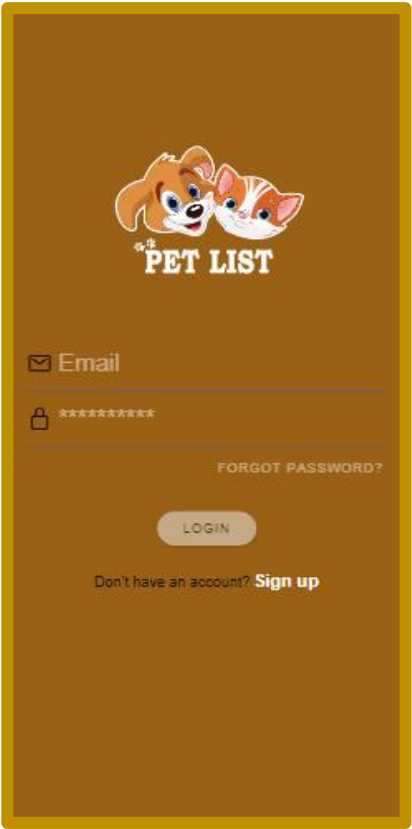
This diagram shows the relationships of input, process and output. The inputs are the information that will be asked from the user such as the date of vaccination and name of their pets. Next is the process of the whole application based on the input given by the user and lastly, the expected output.

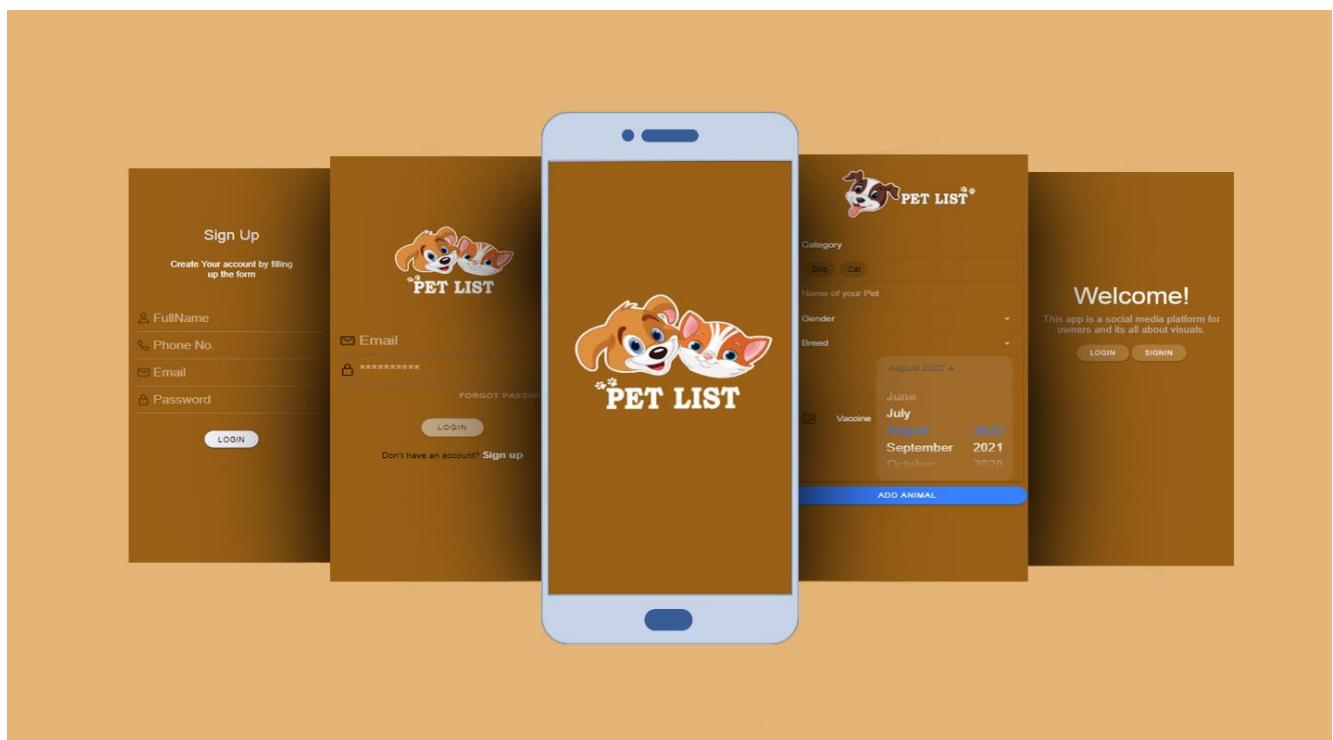
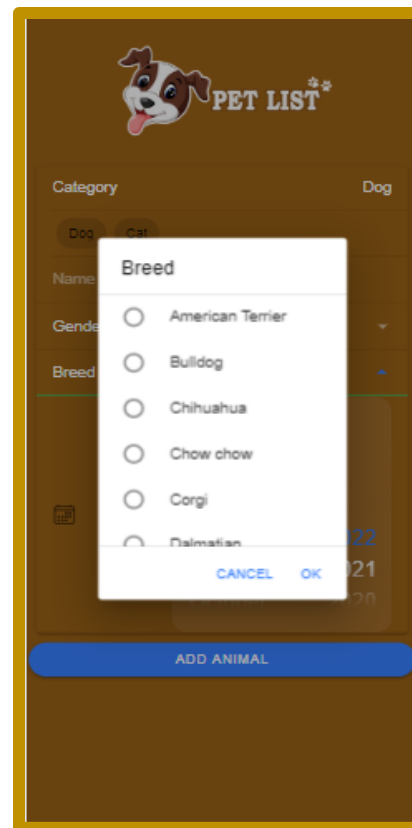
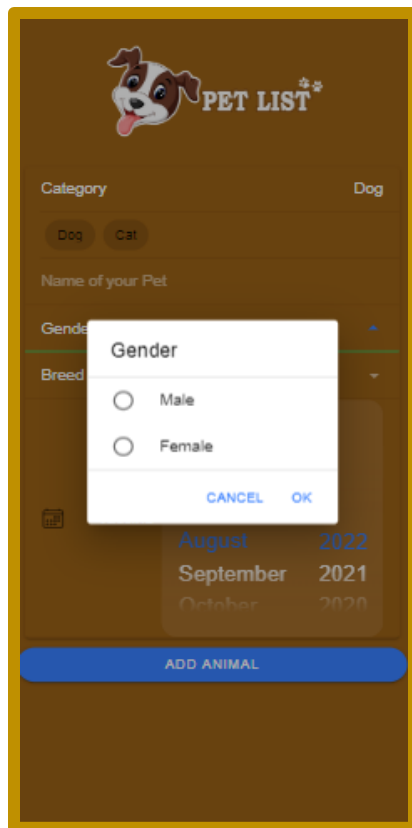
FUNCTIONAL REQUIREMENTS

The application's behavior and its functionalities are presented in the functional requirements. The team created an application that have the following features.

- The application shall accept the registration and login of the user.
- The user shall add a pet on the list.
- The user shall delete a pet from the list.
- The application shall display all the inputs from the user.
- The user shall choose option in breed and gender.

APPLICATION SCREENSHOTS





GITHUB REPOSITORY

LINK TO REPOSITORY: <https://github.com/joshua19-08766/AppPet>

TEAM MEMBERS



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PROGRAMMER



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