

A PROJECT IN IT 322: INTEGRATIVE PROGRAMMING AND
EMERGING TECHNOLOGIES



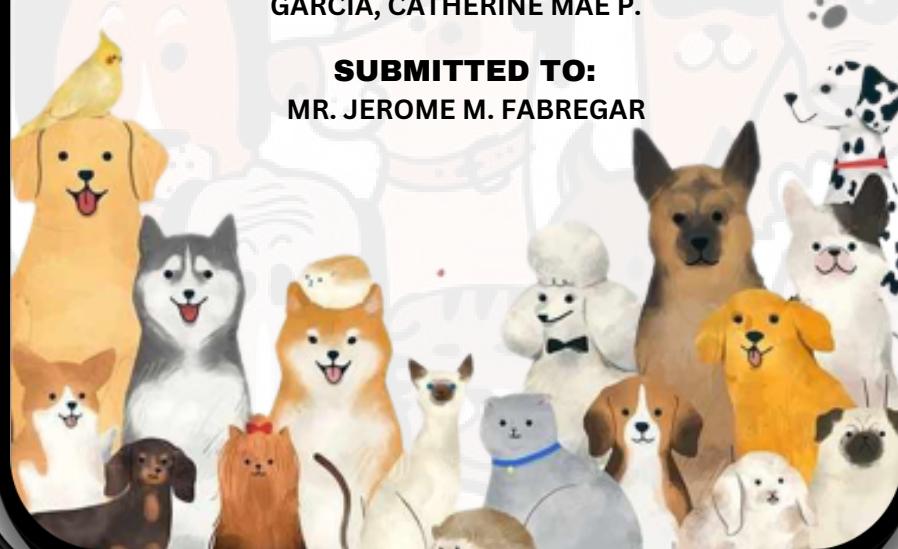
A Fetch and Care: Pet Sitter Finder

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Fetch and Care



PROJECT DESCRIPTION

Fetch and Care is a booking application that aims to provide service for Pet Owners for their furbabies. It will be beneficial for the Pet Owners in handling their pets to the trusted care of pet sitters from Fetch and Care. The application will allow the users to sign up for an account to access the application. The application will provide an option in which the user will choose the pet service they are going to book. After putting all the necessary information needed, the users will be able to book the service they want to avail. Ratings on the pet sitters will also be utilized to improve the quality of service that Fetch and Care is offering.

By offering a handy platform where you can quickly and easily discover the ideal pet sitter for your furry pets, Fetch and Care: Pet Sitter Finder is made to make your life easier. Our app can help, whether you need someone to care for your pets while you're on vacation, through a busy workweek, or just for a few hours.





Fetch and Care



DEVELOPMENT MODEL

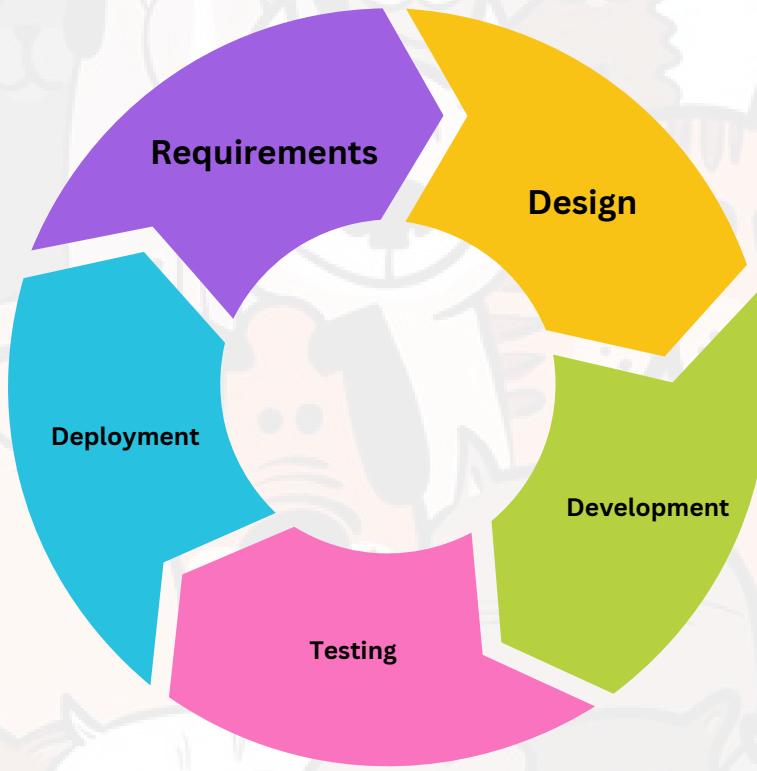


Figure shows the Agile Application Development method that the researchers used. The agile method helps the researchers handle their work efficiently and effectively. The agile method is suited for the study; it is considered one of the most successful development models since it allows development to go through infinite numbers of cycles and allows continuous improvement. The following are the various phases:





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DEVELOPMENT MODEL

Requirements. The first phase is the system requirements, which consist of the system's understanding, objective, and purpose in order to avoid complications during development. Moreover, the proponents gather information in order to meet the system's requirements. Planning was also carried out in order to identify goals and to fully understand them.

Design. The phase of design is the specification document that was created to outline the technical requirements of the design. This phase will also improve the interface of the system. Furthermore, the proponents investigated the system's requirements in order to envision the system's operation and characteristics. Following that, the proponents outlined the system's design and incorporated what the system needs.

Development. The development phase includes the making of the system by merging the ideas of the system requirements and design with a goal to meet all specified system criteria. In this phase, the proponents will combine their views on system requirements and design in order to code a functional system.





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DEVELOPMENT MODEL

Testing. The testing process includes testing and integrating the code to ensure that it functions properly. Its aim is to ensure that every component of the mobile application performs properly. Following development, the proponents will run and test the code to be able to find bugs and errors for improvement.

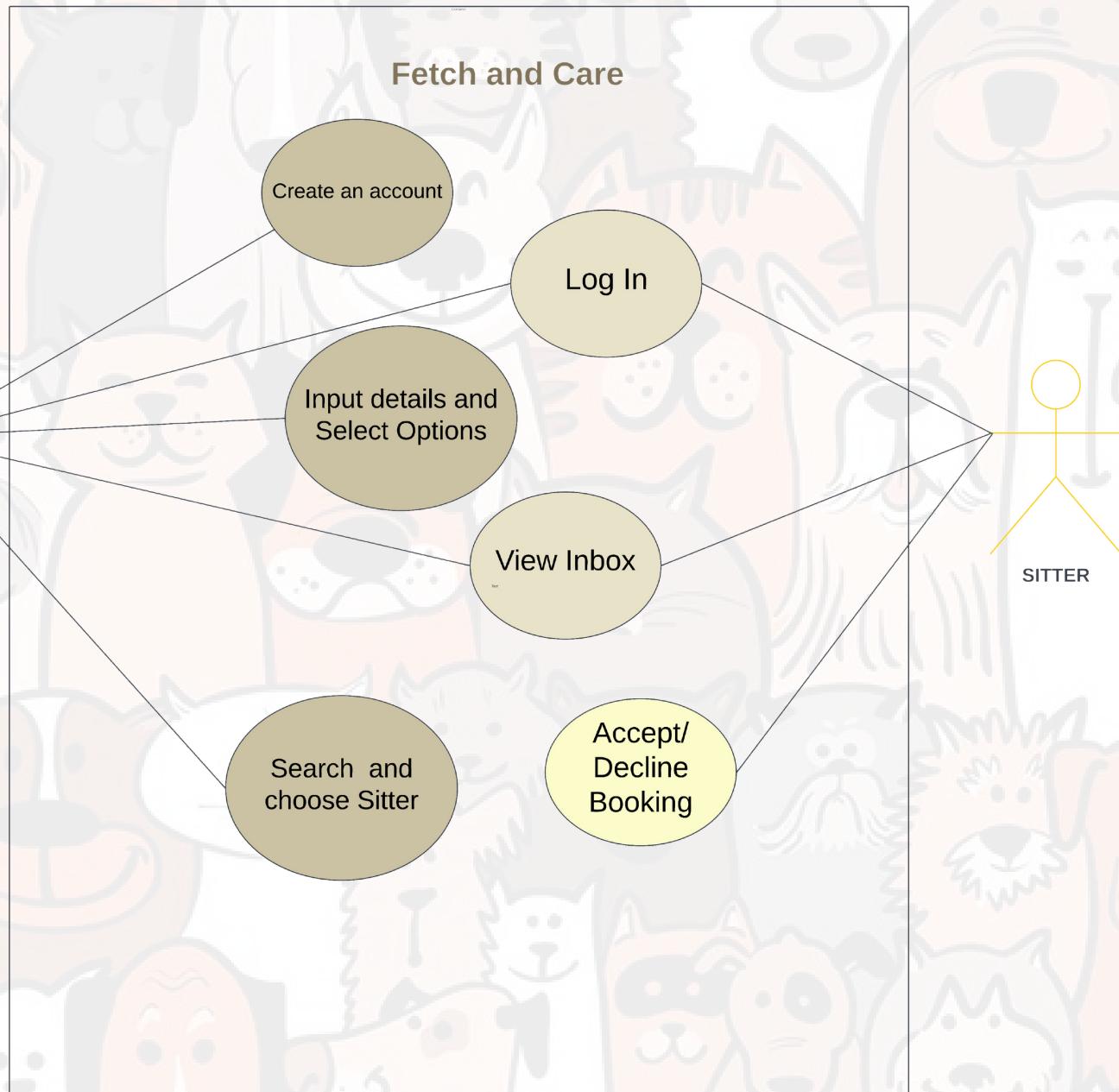
Deployment. Once testing is done, the system is ready to undergo deployment. As a result, proponents are going to deploy the system once it has shown to be error-free and meets the system expectations and requirements.





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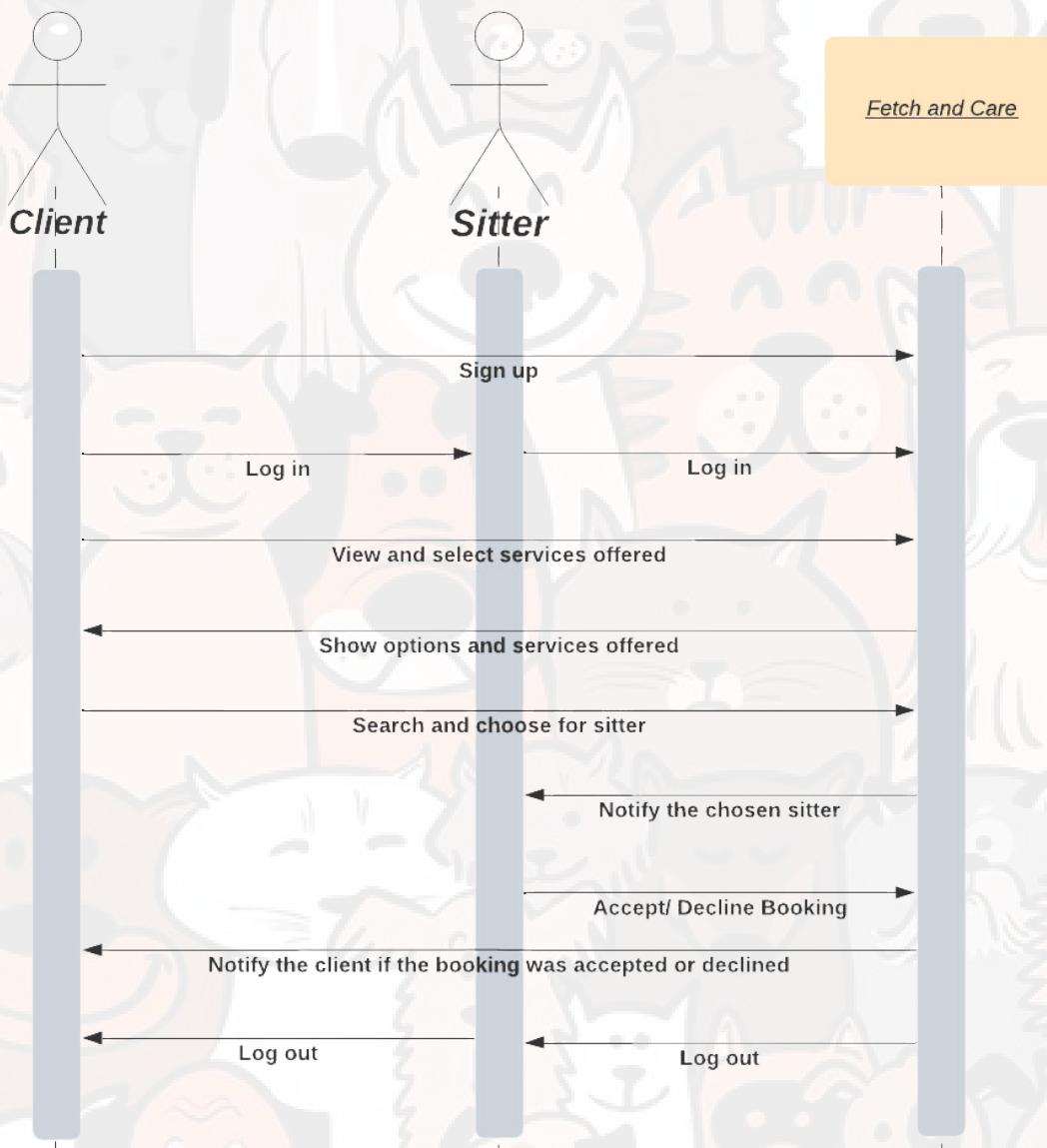
USE CASE DIAGRAM





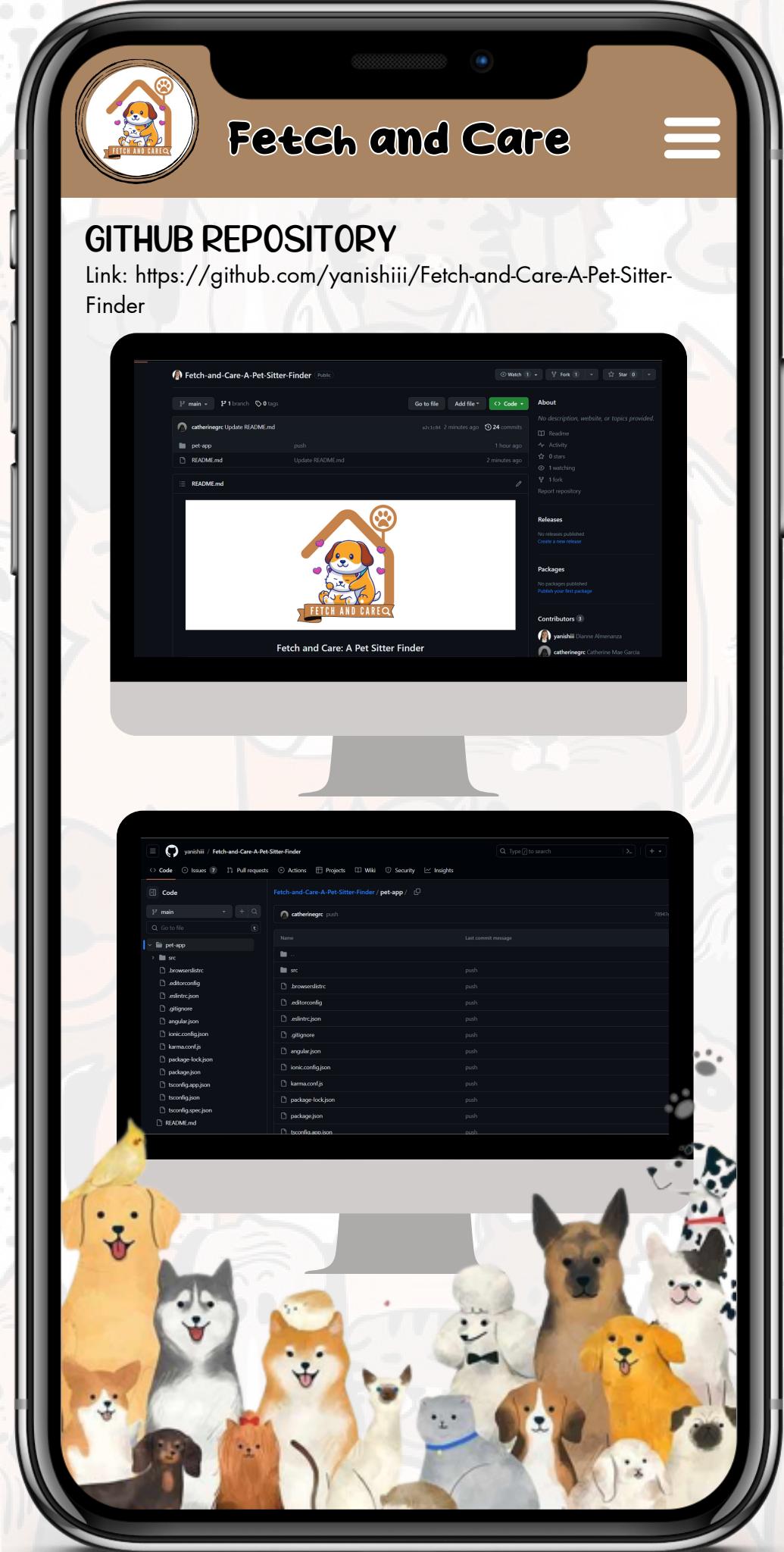
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SEQUENCE DIAGRAM



The team present the diagrams above to illustrate the users' interaction in the application. The diagram shows that the users will be the client and the sitter. The client will be able to sign up for an account to access the application. The client will choose the type of services offered for a specific pet to be sat. Another feature is that the client can view the available sitters and their ratings. On the other hand, the sitter will be notified and able to accept or decline the booking.



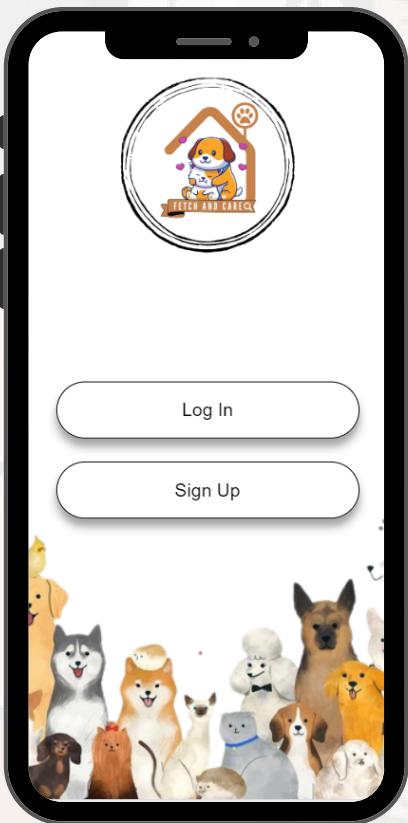




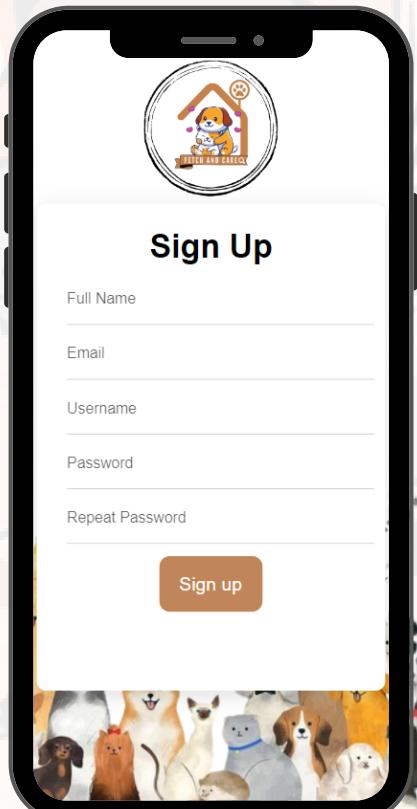
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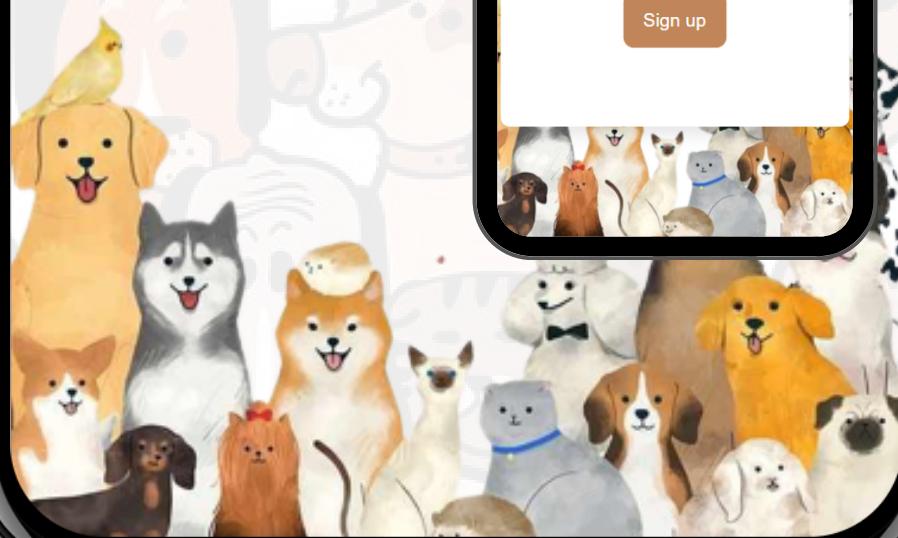
APPLICATION SCREENSHOTS



Home Page



Signup Page

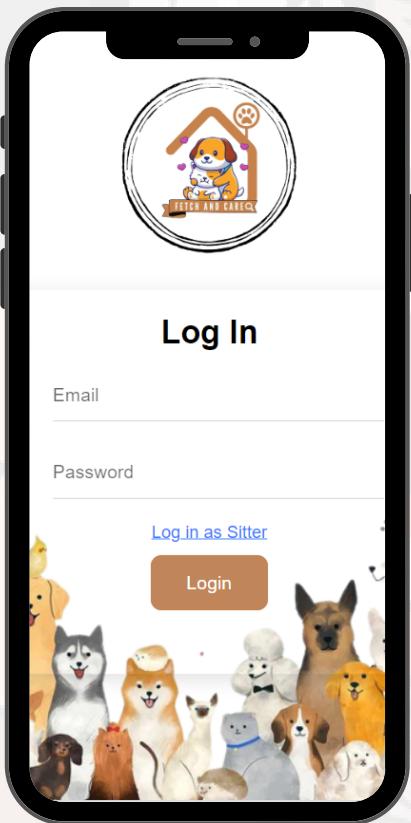




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APPLICATION SCREENSHOTS



Login Page

Sitter Search Info Page



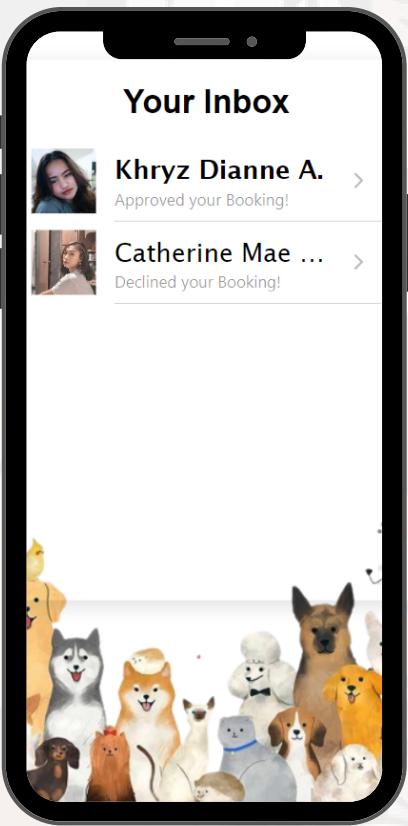
Search Information



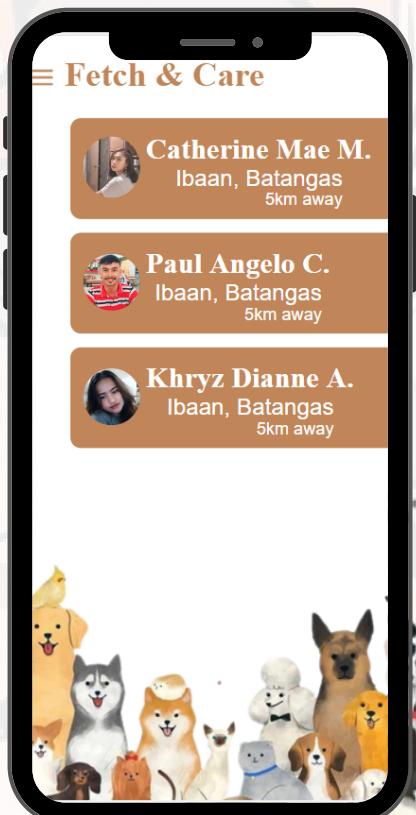
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APPLICATION SCREENSHOTS



Client Inbox



Sitter Search Result





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APPLICATION SCREENSHOTS

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Khryz Dianne A.

Ibaan, Batangas

Response Rate: 100%

Contact Dianne

Services

House Sitting

₱30

In your home

Pet Info Form



Sitter Contact Page



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APPLICATION SCREENSHOTS

Inbox

Pokémon Yellow

Mega Man X

The Legend of Zelda

Pac-Man

Super Mario World

Sitter Inbox Page

Details

House Sitting

What Days? Wed, 26 Jul - Fri, 28 Jul 2023

Owner Name: Peter Manalo

Pet: Dog

Pet Weight (lbs): 75 lbs.

Pet Breed: Alaskan Malamute

Approve

Decline

Sitter Inbox Details





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TEAM MEMBERS



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