



VetGo

The Uber App For Vets

Group 2

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01.

The Problem

Main issues

As a vet

Might find difficulty in getting a physical space to perform their job. This requires them to either look for a job far from their place of living or invest in a building.

As a pet owner

It takes time and cost to travel to the nearest vet. The next available appointment could take weeks for the closest vet clinic.





Problems

Vets

- Searching for clients
- Obtaining Pet Medical Records
- Scheduling appointments

Pet Owner

- Making appointment with a Vet
- Storing past Pet Medical Record
- Keeping Track of appointments



02.

The Solution

A woman with long dark hair and glasses, wearing a light-colored lab coat over a collared shirt and jeans with a belt, is looking down at a tablet computer. She is standing in a modern building with large windows and a glass facade. The image has a blue tint. There are several bright green diagonal lines on the right side of the image.

VetGo

The solution to all your pets problems



What is **VetGo**?

VetGo is an app designed to function like Uber for veterinarians. Through this app, clients are able to post their pet details and create appointments for the vets to choose. When a vet accepts one of appointments, a google map will be provided.



Our Goal

1. User-friendly & Simplistic App
2. Simplify communication (between Vet and Pet Owner)
3. Create a service where pets get the help they need

Specification

- A cross platform application
- Sync with Outlook and gmail calendar of the vet
- Suggest possible conditions of the pet to the vet
- Handle file sharing of pet medical records and the vet's ability to practice veterinary medicine
- Support speech to text





03.

Development

Development Tools



DeepJavaLibrary

Six tools



Spring Boot

Open source Java based framework for backend.

React Native

Cross-Platform Frontend UI design

MySQL

Database for Local and Remote testing.

Google Maps

Frontend Map Integration using Google Map API

AWS

Cloud Secure Database using Amazon Services

DeepJavaLibrary

Open source framework for Machine Learning



Development Goals

- Working closely with our client to provide a cross-platform app which satisfies what he needs.
- It is very important for us to understand the goals of our client and to understand his vision and be able to use the best tools available to make that vision come true.
- Additionally we are making choices which would make our app the most accessible and useful to the public in order to potentially help people and their pets in the future.



04.

Challenges

Development Challenges

Problem

- Inexperience with Machine Learning
- Safe and Secure (Billing/Medical Records)
- Cross-Platform
- Remote Server
- Calendar Integration
- Map Implementation

Solution

- StackOverflow, Kaggle, GitHub
- JWT (User Token)
- React Native (Expo CLI)
- AWS Tutorials & Training
- Outlook & Gmail API
- Google Map API





Current Progress & Work Timeline

Current Progress

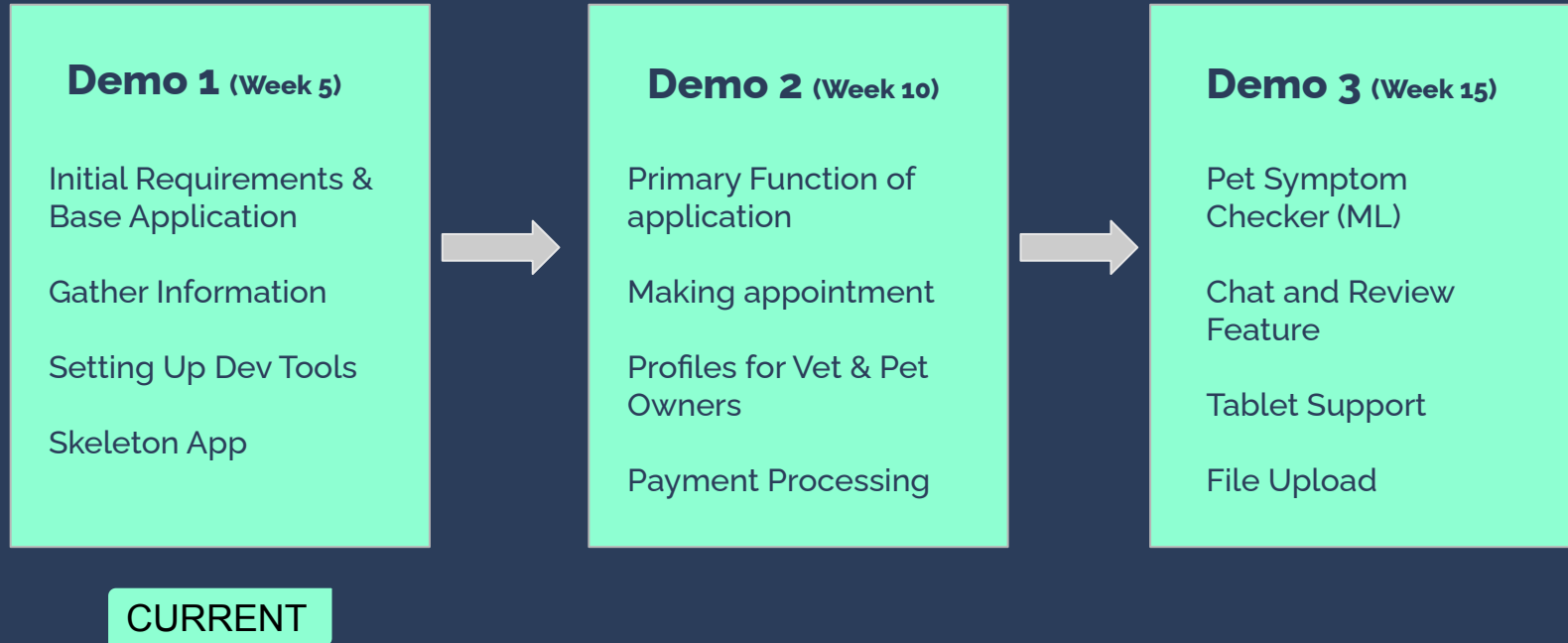
Frontend

- Finished login page
- Finished sign up page
- Emergency button map opening
- Home screen pages for both vet and client
 - Vet shows all available created appointments
 - Client shows all clients pets and appointment status

Backend

- Finished implementation of user and pet model
- Partially implemented file uploading with s3 bucket
- Created a temporary local database for testing
- Implemented password hashing

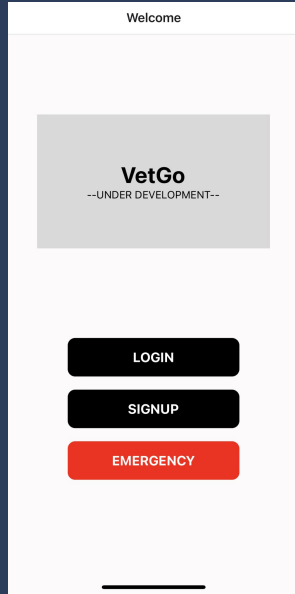
Work Timeline



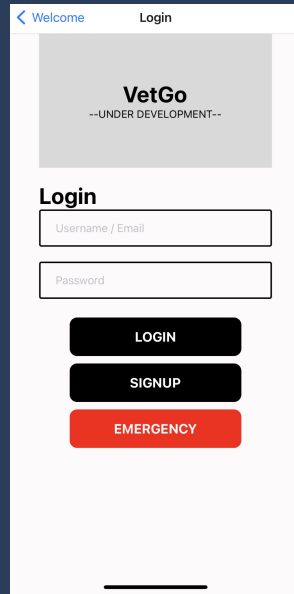
A man in a white sweater is sitting at a desk in a classroom, writing in a notebook. The scene is dimly lit with a blue overlay. There are green decorative lines in the top corners. The word "Demo" is written in white in the center.

Demo

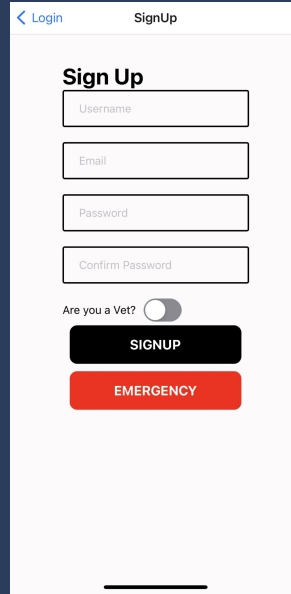
Implemented Screens



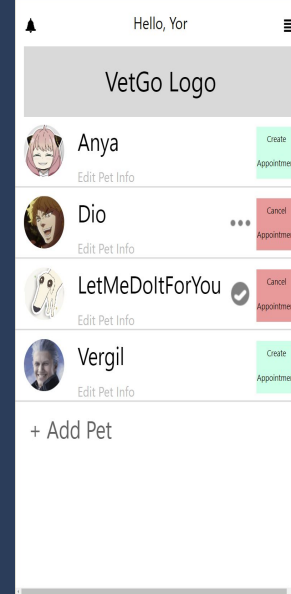
Welcome



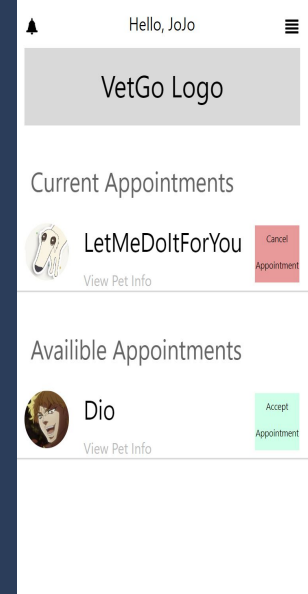
Login



Sign Up



Client Home



Vet Home

Questions?