

Android Application Proposal

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Application Name : Pet Tracker

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Overview

Introduction

The application that I wish and will plan on to develop is an app that tracks an individual's pet and an app that notify the owner when it is necessary. It will be developed through android studio for android devices. Put in simple words, this app is an app for pet lovers to track their pet information, food, vaccination etc.

The app consists of multiple pages that support not all animals but only domesticated animals that can be kept as pets at home. For instance, dogs, cats, hamsters and etc. It's a very basic application but for further upgrades it can be a sophisticated app with location tracking features.

Objective/Aim

My main objective of developing this app is to help pet owners keep their pet on track and healthy. As a pet owner myself, I understand when sometimes, we get too busy, there is a natural tendency of us to not feed our pet out of forgetfulness no matter how much we love our pet. The main purpose of my app is to help pet owners feed their pets, vaccinate their pets and etc on time so their pet will not be left unfed for even half a day.

This application is built to target domesticated animal owners/pet owners, pet lovers and also maybe vets. Vets can use our app to track their patients in medication, food, water and etc.

Basic Features of Pet Tracker

Main Feature

- Registration and login system
- Assign pet and pet's information
- Notification/Alarm system
- Vet history
- Add pet

Side Feature

- Suggesting nearest vet location
- Selecting type of pet/pets
- Suggesting nearest pet essentials store
- Set Schedule for pet
- Grooming track
- Water Cleaning(for fishes)

Inspiration and references

The Pet Pal

The pet pal is an app developed a while ago that is not currently up and running anymore. The app that I am making is almost like The Pet Pal app. The Pet Pal app failed because of various reasons. They have confusing GUI and the technology wasn't good enough yet for useful features. The app I am going to develop is a refined version of The Pet Pal app with more useful features. The app I am going to develop has vet suggestions with location in case of emergencies and more.

References

In the market now for the type of app I am about to develop is still fresh. There is not much competition to compete with in the industry now after thorough research and I have only found one competent app that does almost the something as what my app is going to do. The app is called 11pets. I am using this app as a reference for my project as that app has already been published and I can track what it's weak points are and refine it in favour of my own application.

Reference link: <https://www.11pets.com/en/>

Couldn't find reference link for The Pet Pal because it has been shut down awhile ago already

Project schedule and milestones/Development Plan

1) Ideas and information research and android studio learning	
Week 1	Commence android studio learning do research for project ideas
Week 2	Establish project idea and do research on project title
Week 3	Designing GUI with pensil project as a blueprint to guide us when coding
Week 4	Preparing a proposal with overview and gui wireframe design and also submission of the proposal.
2) Application development(GUI and Functionality)	
Week 5	Design GUI for all intent/activity
Week 6-8	Code main features/functionality for the app(Login & registration system,database and etc)
Week 9-10	Code side features and added features if neccessary
3) Application testing and submission	
Week 11	Application first testing and refining
Week 12	Application final testing and fixing
Week 13	Project submission

Wireframes design

Registration



Email

Confirm email

Password

Confirm password

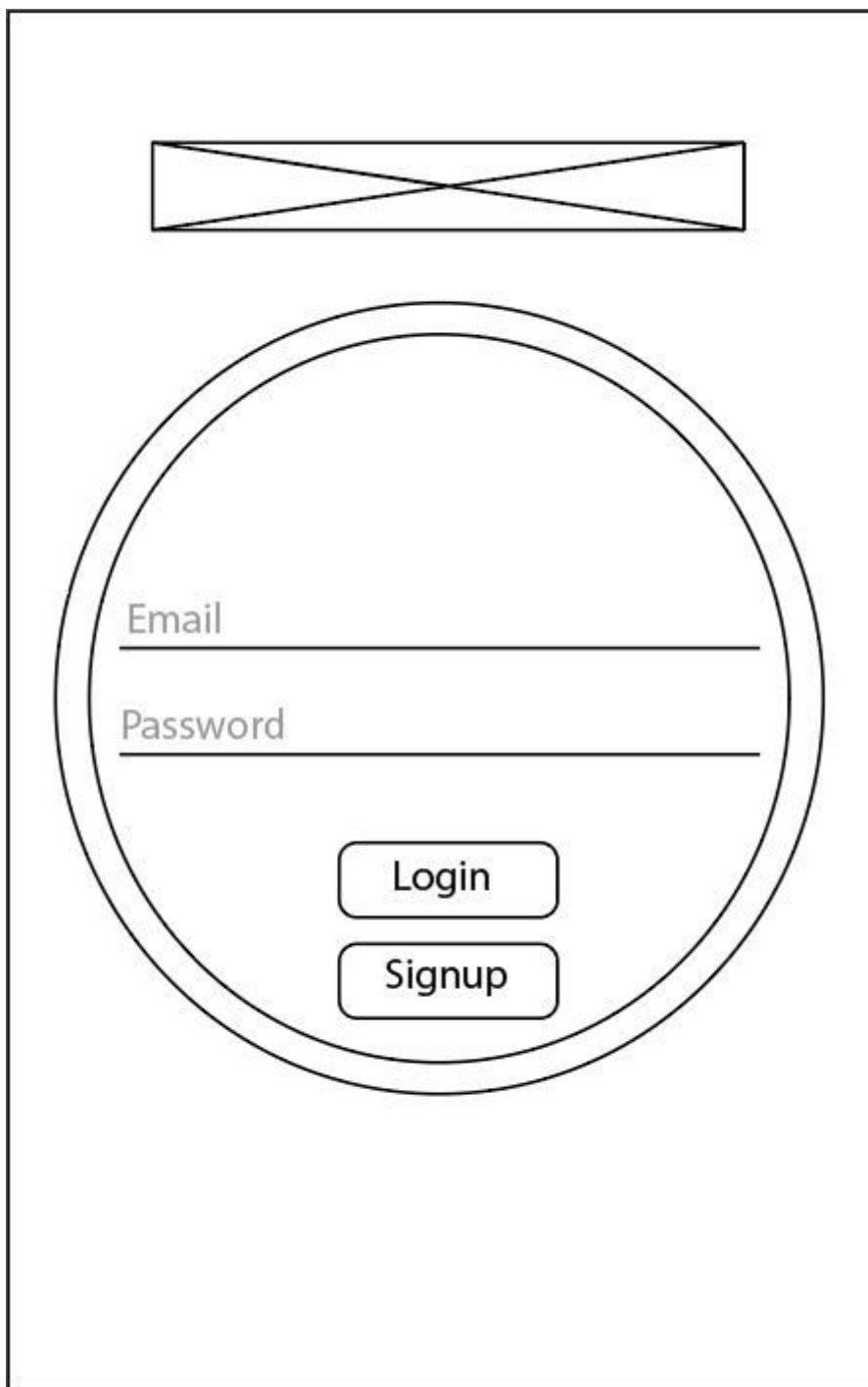
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Family name

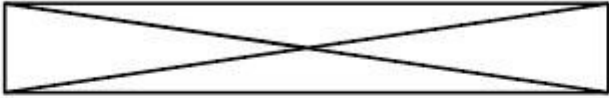
Confirm Signup

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LOGIN



A login form layout within a rectangular frame. At the top is a rectangular placeholder with a diagonal cross. Below it is a large circle containing two input fields labeled 'Email' and 'Password', and two buttons labeled 'Login' and 'Signup'.



Email

Password

Login

Signup

PET LIST

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Add a new pet

Name:

Age :

Type :

Breed:

Delete

Name:

Age :

Type :

Breed:

Delete

Name:

Age :

Type :

Breed:

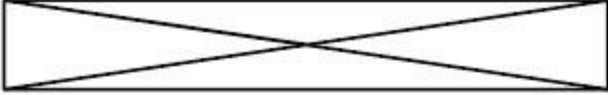

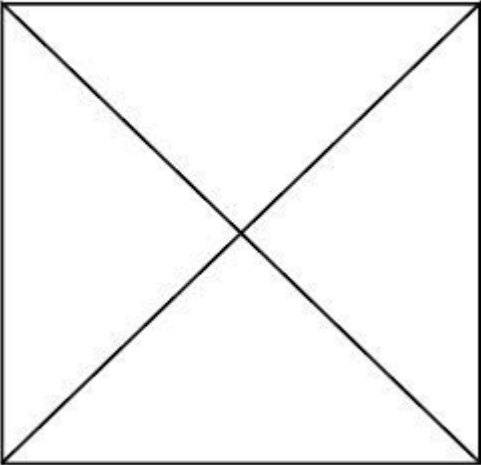
Delete

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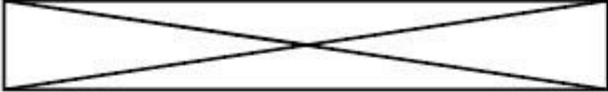
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PETVIEW

		
	Name:	
	Age :	
	Type :	
	Breed:	
Birthday:		
<input type="checkbox"/> <input checked="" type="checkbox"/> Notification		
Next Vaccination date:		
<input type="checkbox"/> <input checked="" type="checkbox"/> Notification		
Feeding Time:		
<input type="checkbox"/> <input checked="" type="checkbox"/> Notification		
Water Refill :		
<input type="checkbox"/> <input checked="" type="checkbox"/> Notification		
Next Grooming Date:		
<input type="checkbox"/> <input checked="" type="checkbox"/> Notification		
Outing day:		
<input type="checkbox"/> <input checked="" type="checkbox"/> Notification		
Next Vet Appointment:		
<input type="checkbox"/> <input checked="" type="checkbox"/> Notification		
Medication Time:		
<input type="checkbox"/> <input checked="" type="checkbox"/> Notification		

LOCATION SERVICES



Emergency or essential locations

Nearest vet to you

Proceed

Nearest pet food shop to you

Proceed

Nearest pet grooming centre to you

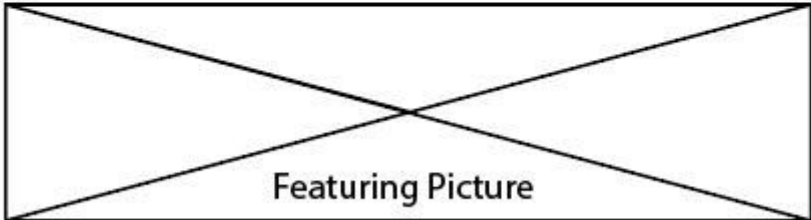
Proceed

Nearest pet care services to you

Proceed

Nearest pet dentist to you

Proceed



Featuring Picture