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Fundacion Salva

Description

Show information about the "Fundacion Salva" and the dogs that they are taking care, also you can register your own dog to create reminders and never forget anything about them

Intended User

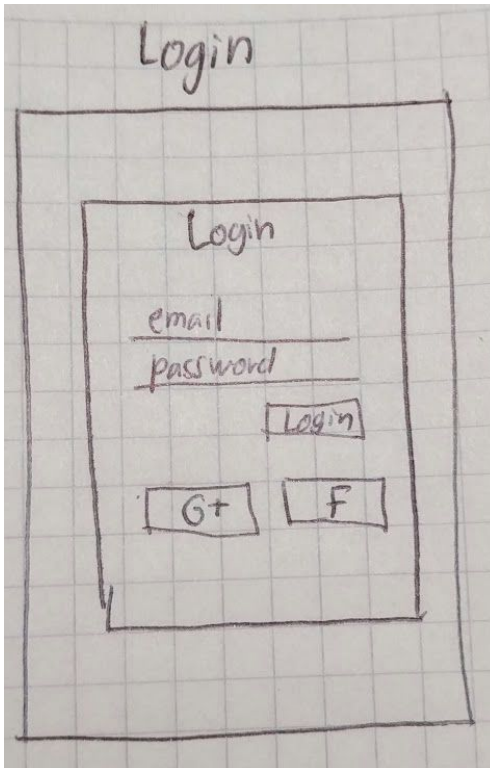
For people who loves dogs and animals in generals and want to help them, also for those who need to create reminders about their dogs.

Features

- Saves information to use the app offline
- Login with Google account
- create profile for the user's dog (private profile)
- reminders for each dog
- widget to keep informed about the "fundacion salva"

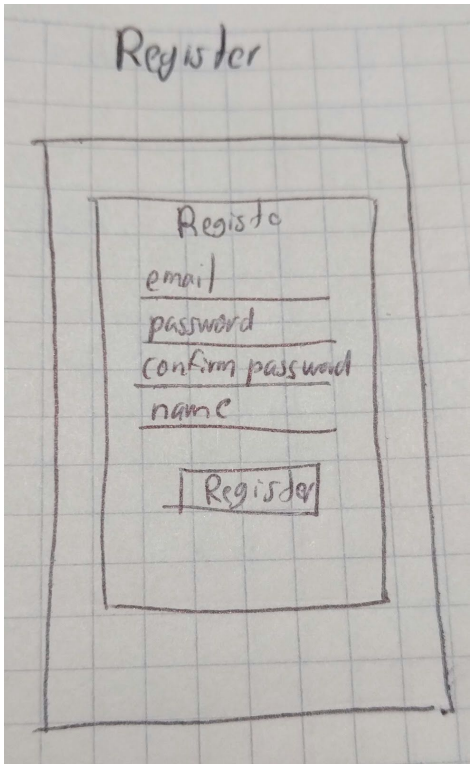
User Interface Mocks

Login

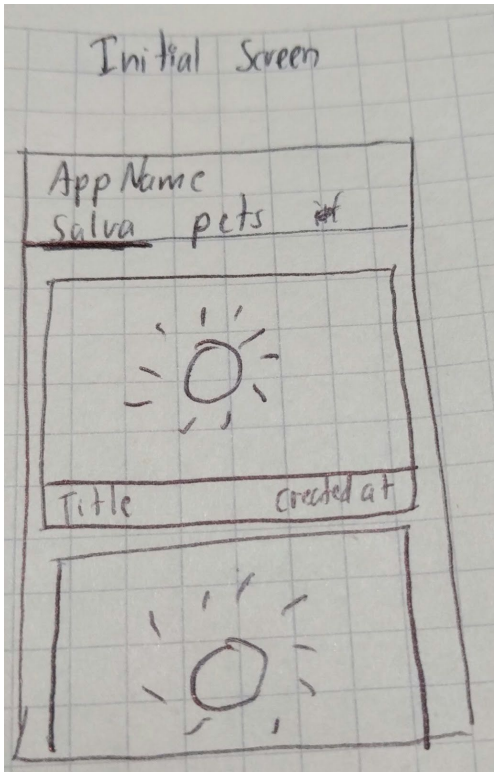


Login screen with email, facebook or google

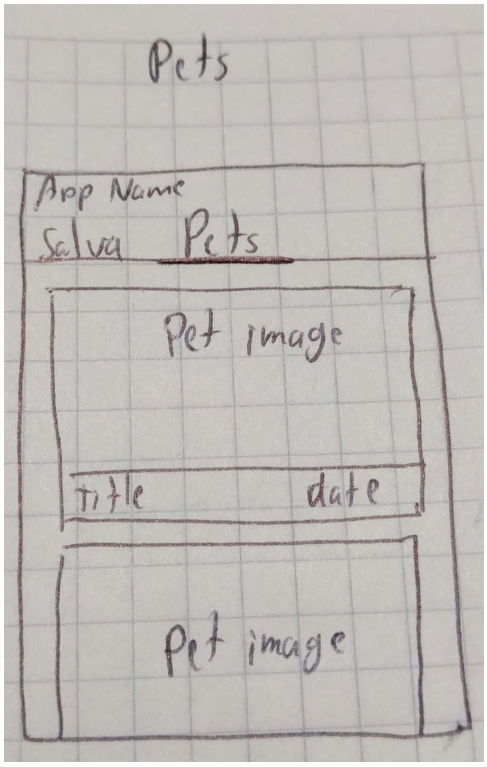
Register


Register
Regist
email
password
confirm password
name
Regist

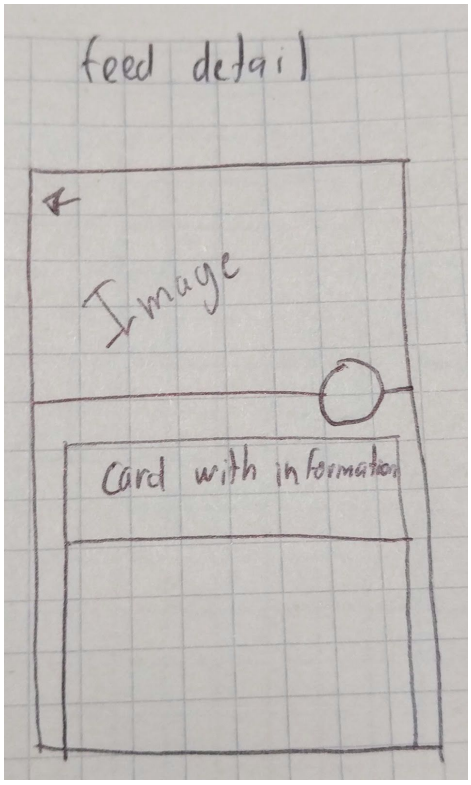
Main Screen (Salva Feed)



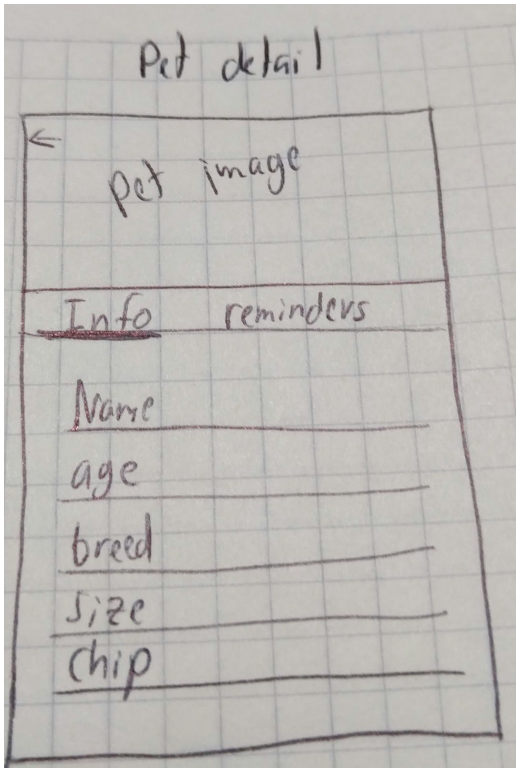
Pets



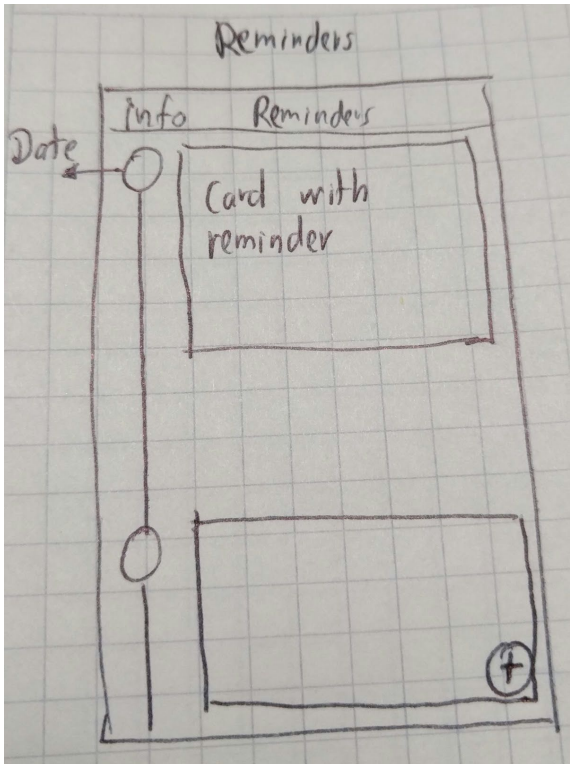
Feed Detail



Pet Detail


Pet detail
pet image
Info
reminders
Name
age
breed
size
chip

Pet's Remainders



Key Considerations

How will your app handle data persistence?

Using SQLite and Content providers

Describe any corner cases in the UX.

When there is no internet connection the app shows the latest information and show the user that the information is not updated.

If there is no internet connection and the user add a new reminder, the app saves the reminder locally until it can be saved on the server

Describe any libraries you'll be using and share your reasoning for including them.

Picasso: handle the loading and caching of images.
OkHttp: handle the connections with the web services and the errors
CardView: display the nice cards from google
Ads: show banner ads and intersitial ads

Next Steps: Required Tasks

Task 1: Project Setup

- Import libraries
- Enable all the configuration on the IDE (Android Studio) like Instant Run and Proguard with the basic rules
- Create different flavors (Free and Paid)

Task 2: Implement UI for Each Activity and Fragment

- Build UI for LoginActivity
- Build UI for SignUp Activity
- Build UI for MainActivity (View Pager)
- Build UI for Feed Fragment
- Build UI for Information Fragment (Information about the "Fundacion Salva")
- Build UI for Feed Detail fragment
- Build UI for Add pet Fragment
- Build UI for User's pets Fragment
- Build UI for Pet detail fragment

Task 3: Create a basic flow

- Populate the app with dummy information
- Make the animations for the transitions (Shared elements)
- Create a complete flow for a new user (register, organization feed, add pet, add reminder)

Task 4: Create the Basic communication with the server

- Create the ServerManager class that handle all the request to the server
- Handle most of the possible cases (No Internet, timeout, bad response)

Task 5: Create the Content Provider manager

- Create the Sqlitehelper
- Create the tables
- Create the methods to populate, get, delete and update the information

Task 6:Integrate the real information with the user interface

- Make the real calls to the server
- store the information locally (Sqlite)
- notify the UI that the information has changed

Task 7: Optimizations and improvements

- Make a good profile to improve the performance
- Check that proguard is working properly for the release build