

# Veterinary Clinics Workshop Notes

## **1. How could we store medical records on the app?**

- Vaccinations
- Ongoing treatments
- Allergies
- Past illnesses
- Age
- Date of birth
- Prognoses
- Breed
- Gender
- Weight
- Appointment scheduling
- Medical history

## **2. What can we implement in the app so that it would be easier for a vet to get access to those medical records?**

- Identification/registration via microchip
- General location information, since some diseases may be more common in certain areas

## **3. What type of medical data would you recommend being stored in the medical records?**

- Type of diet
- Allergies
- General questionnaire at the beginning to get an overall idea of the pet's condition
- Animal behavior (how the animal behaves in the presence of other animals)

## **4. Would you be interested in using the app to notify or being notified by pet owners about relevant health alerts?**

- Notify animals prone to certain diseases based on the pet's medical history
- Suggestions for appointments

## **5. What kind of information can be collected by the GPS records of the pet?**

- Movement history
- Notify if the pet is outside its routine/area

## **6. Additional Comments:**

- Dashboard with:
  - Number of consultations
  - The most lost pets (?)
  - ...
- When a pet is lost, if it doesn't have an AirTag:

- Notify the clinic, and they input the data
  - Have a list of lost pets
- Clinics can share care tips:
  - Q&A
  - FAQ
- Recommend the type of pet people should adopt
- Promote events:
  - Vaccination
  - Pet adoption campaigns

**RGPD!!!!!!!!!!**

# Animal Welfare Organization

## Workshop Notes

Answers:

1. Veterinary clinics – Não têm uma fonte credível
2.
  - a. Being able to check medical history – Not necessarily public
  - b. Pet chars – Not needed to hide most information
  - c. Pet picture
3. Pets already have chips that don't lose battery, so we could improve them to also help in getting their location
4. In relation to the chips – do you think it could be useful to use the database associated with the chips to help find the pets? Yes – it could be useful
5. How could the app streamline communication between the 3 types of end users?  
– It could help by allowing associations to locate the pet, and then help vets tell the urgency of finding the dog if it's got some issue, etc
6. How do you think the process should go to find a lost pet?
  - a. We find the dog, we take the dog to a welfare organization, the information is passed to the app where everyone can see
7. Will the app allow to input lost pets even without an alert for the lost dog?
  - a. Yes, it's a good idea
8. Not the best idea to inform everyone around the lost pet that it's lost – need to be careful so people with bad intentions don't try to steal the dog – Need a way to verify if the dog is actually owned by the person going to pick it up
9. When a dog is found, there should be an option to, depending on the situation, lead them to a vet or hospital clinic, or to a welfare organization
10. They would be open to hosting events and promote the app
11. Are there any regulatory requirements to having an app function like this?
  - a. The gps should be accessed only by the owner or others only if the pet is lost

# Pet Owners Workshop Notes

## **What kind of information don't you want to public display on the app about your pet?**

Important to have the information myself but not public

Some information should be available to clinics

Want GPS tracking

Inform other people (for example police) if pet is in dangerous place

Maybe if I don't respond in 5 minutes other people are notified

## **What level of control would you need over sharing your pet's data with other users?**

I want to know if other animals have diseases or violent

Approved by veterinary so people aren't biased towards their pets

Want to know if there is a dog with a disease in the area I'm planning on going to

## **How much would be a reasonable cost for the crowd GPS device?**

When you register the pet at a veterinary they put a chip, maybe that could be used

Prefer one time payment over subscription for app

If the app is free but I have to pay for the device around 50 euros is fair

The functionalities of the app increase the value so a little bit above the normal price for a device

## **How accurate do you need the tracking to be?**

One person said 50 meters, two others thought 10 meters

Can you choose areas where tracking is disabled? I don't want tracking inside my home

Safe zones and danger zones

Want to be notified when the pet is a certain distance away

## **Do you expect the app to be really fast or is some waiting time acceptable?**

Speed is important because waiting time increases anxiety

1 second from opening the app to seeing the content and menus

1 additional second from clicking on map to seeing the pet's location

## **Other thoughts**

Cats and dogs are different so you could have different areas depending on animal

But if you can customize everything that is not needed

Could add default settings for different animals

Maybe add routines (walks, feeding etc)

# Developers Notes

It should be made for IOS and Android. It can be made with React Native.

## Scalability

- The app must be made with scalability in mind, such that it should be developed in a way that makes scaling for more users and more traffic easier.

## Limitations and features

- Only users with the app can receive notifications. It would be very difficult legally to be able to send notifications to all phones with or without the app.
- Way of notifying the user: Notifications or SMS.
- Notifications would be better due to lower costs and easier implementation.
- App uses location from the phone in combination with location of the pet, in order to know when and where it was lost
- App has a limited defined area in which the user and the pet need to be within. Otherwise the pet is set as lost
- Users should be able to customize and set different modes (e.g. at home vs on a walk), where they can define their own limits.

//Maybe app can have an option to activate those modes/limits, to avoid triggering the missing notification when the owner leaves without the pet or when the pet goes on a walk with another user

## Security

- All data should be encrypted.
- Login should have 2FA (2 factor authentication) for extra security.

## Accessibility

- App should have text-to-speech functionality.
- App should have voice recognition.