

Pet Tracker:

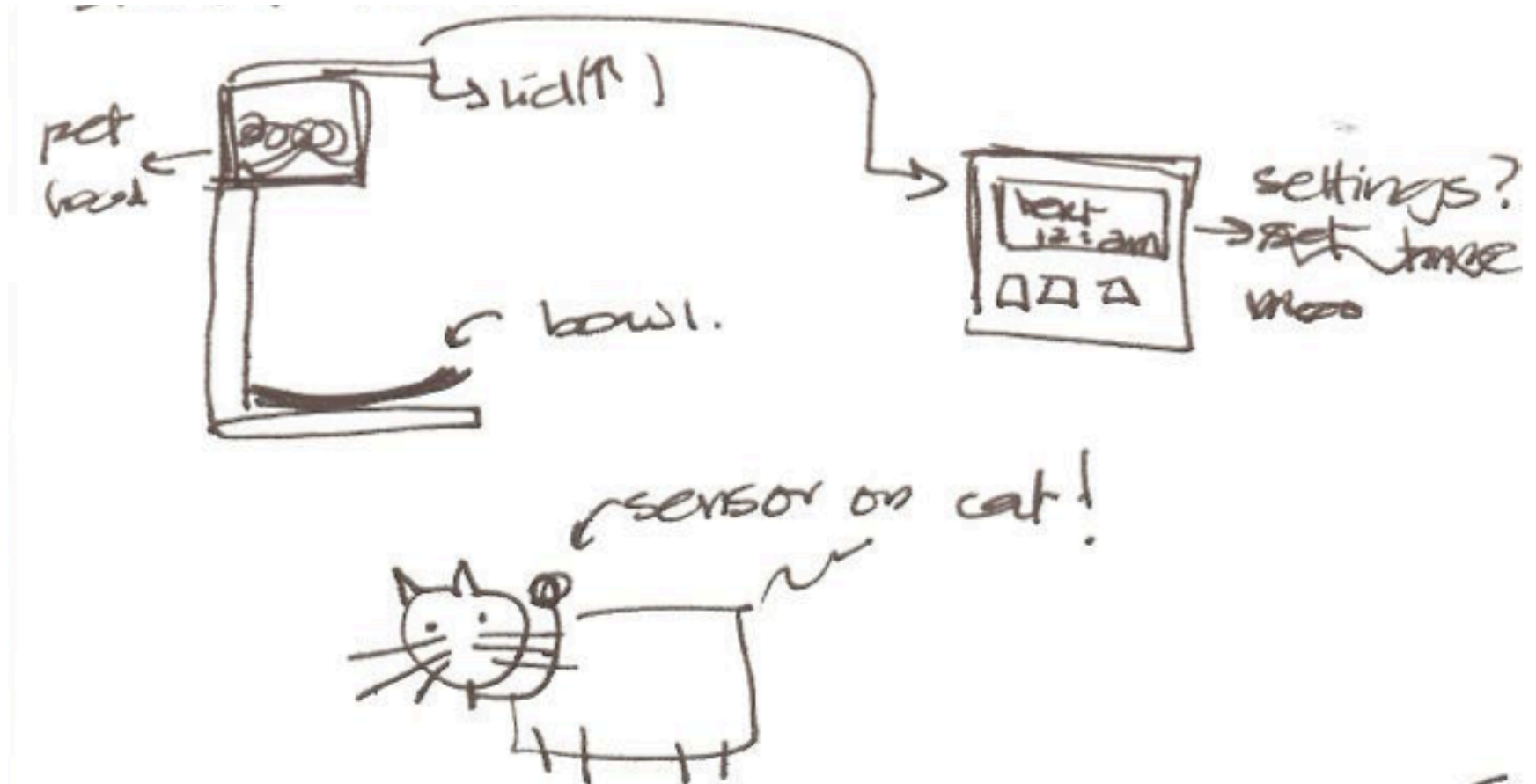
- Pet collar has a GPS locator.
 - It can be activated remotely to locate pet if lost.
 - Used to check in pets at locations, especially for outdoor cats.
 - Pets can friend other pets with the tag and be tagged as having met (or check-in together).
- Useful to see if some pets don't get along or who do hang out together.

Pet - tracker.



Smart Petfeeder:

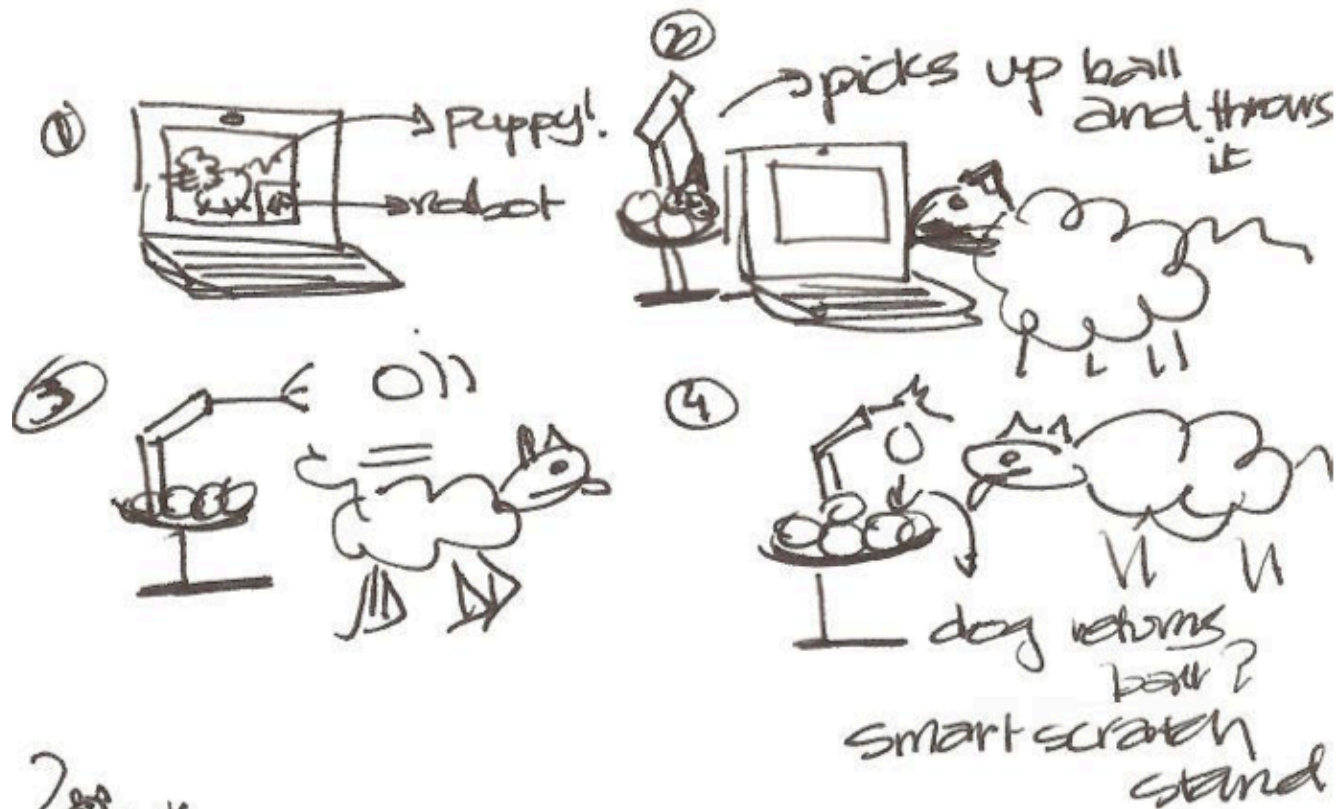
- Petfeeder uses sensors on pet collar to determine whether to dispense food or water.
- Can also dispense food at timed interval.
- Sensors detect glucose level to determine hunger
- Can set up system to dispense different combinations of food based on time of day (breakfast, lunch, dinner)
- Can set up to allow dispensing small amounts of food throughout day



Remote Fetch Robot:

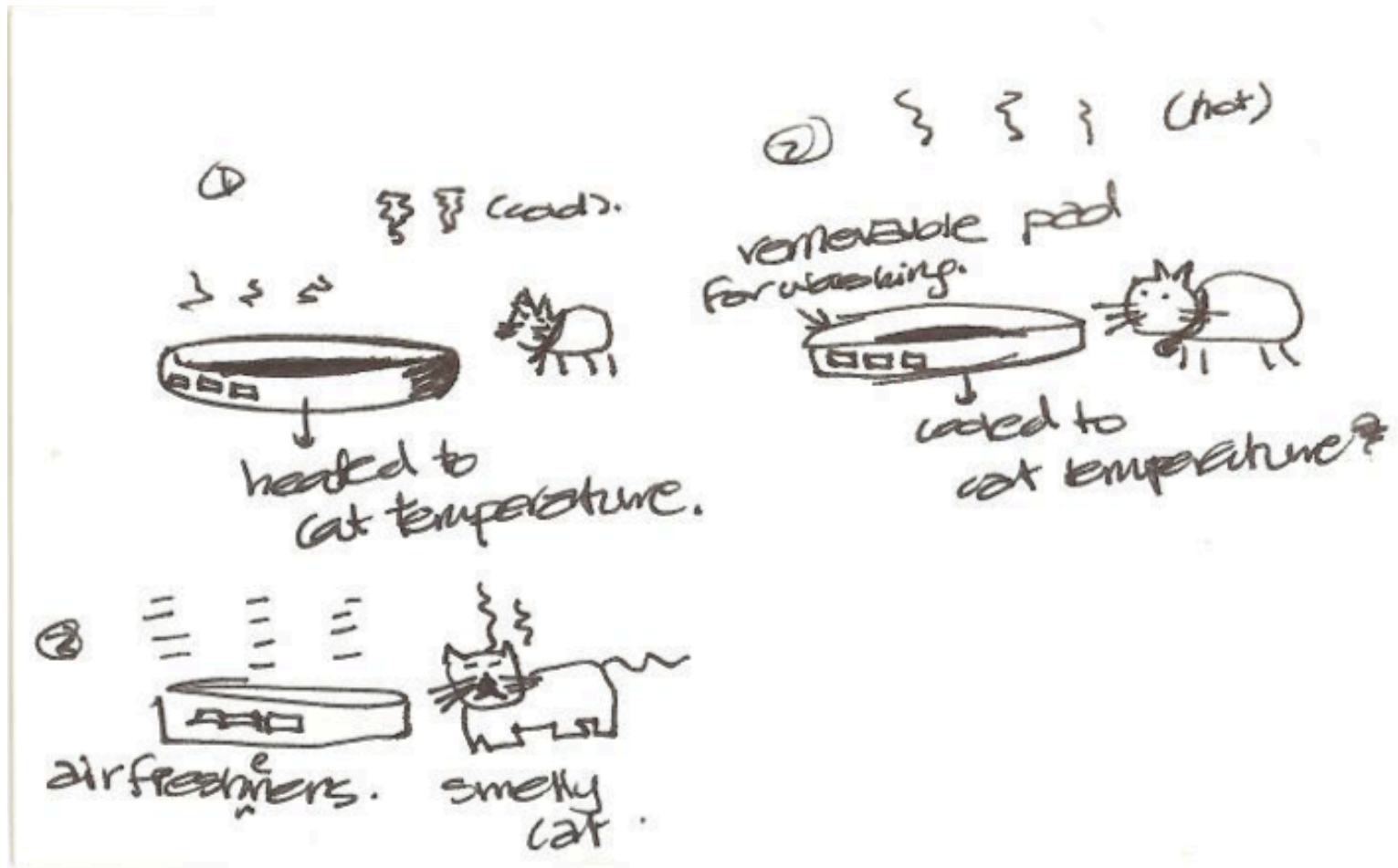
- Allows owners to play with their dogs remotely : from work, or when they are traveling, or college students that are not at home anymore.
- Robot plays "fetch" and has a virtual monitor + speakers to hear their owner.
- Can also be set to auto-mode.

REMOTE FETCH ROBOT.



Smart Mattress:

- Uses sensors on pet and surrounding environment to set up comfortable sleeping mattress.
- Mattress can be heated or cooled. Air fresheners can be activated if pet is smelly.



Heart-o-meter:

- Cat owners said that cats purring was a really good sign that they were happy/content.
- To enable better pet-human-interaction, sensors on pets can be used to try to determine contentedness (based on physical factors).
- Pet collar tag has a sensor and lights a different color based on pet's mood: red if happy, green if needs attention, yellow if you should stay away.



light:

red (love?)

green (want)



Interactive Scratch-post:

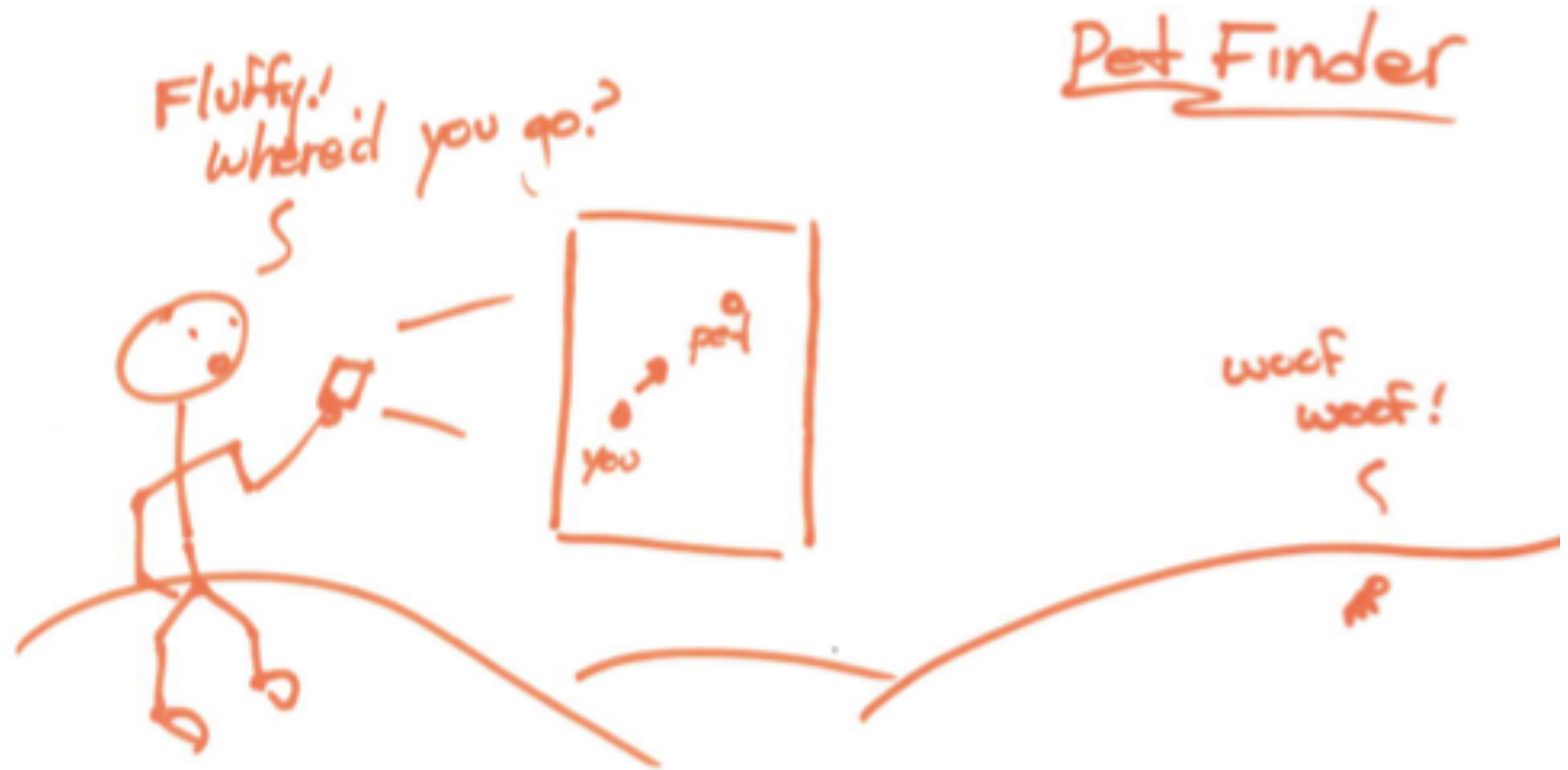
- Scratch posts provide cats with exercise and are also used by owners to keep cats from scratching other furniture.
- Elaborate scratching posts are available on the market and some owners can pay upwards of \$70 for good posts.
- Adaptive scratch posts have multiple levels and posts that can move around to provide different challenges to cats. They use RFID tags on the cats (or a weight sensor on the post) to figure out how to change the levels to make it challenging and fun for the cat, so they can get exercise.

Smart scratch
stand



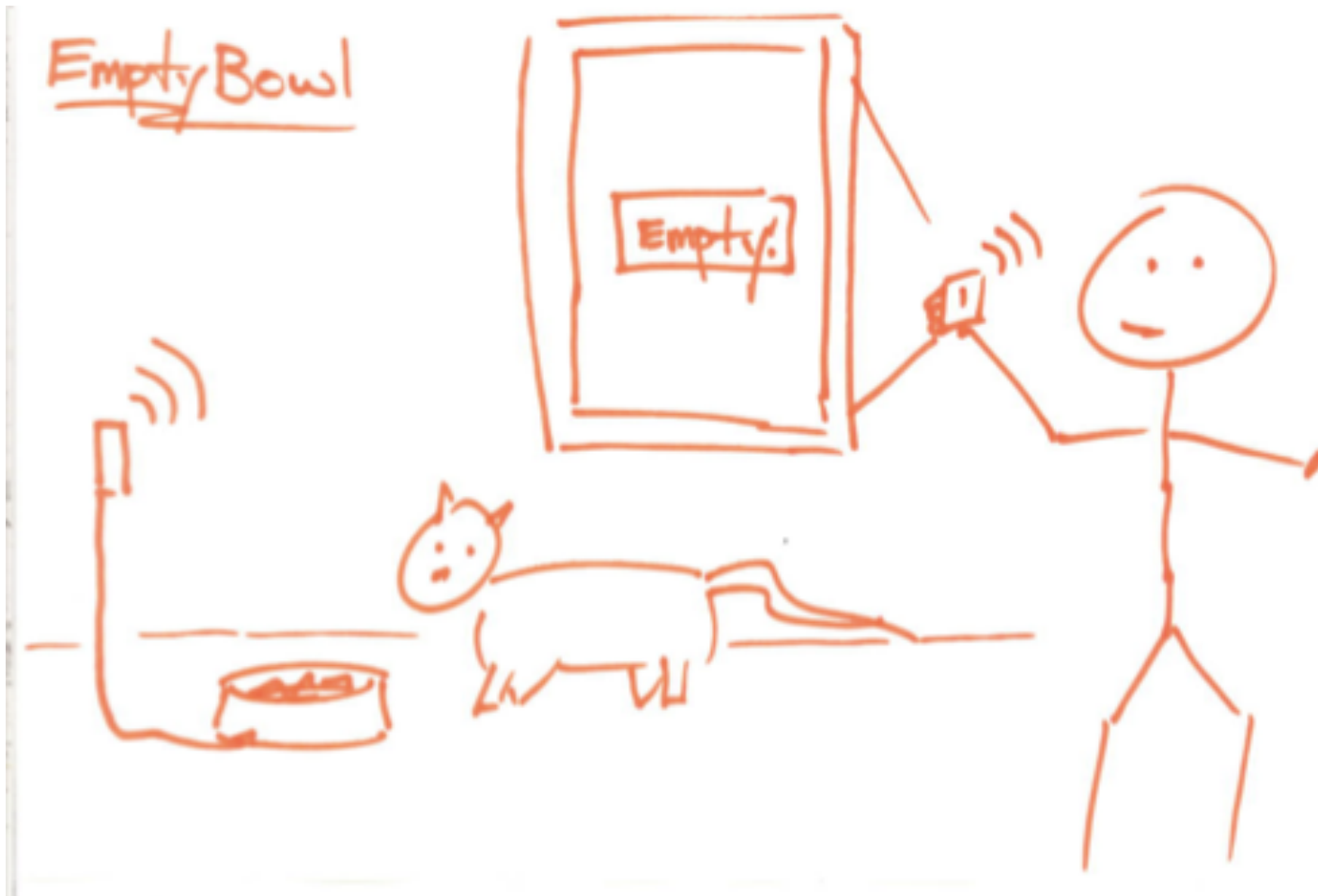
PetFinder

PetFinder is a mobile app combined with an intelligent dog collar. When the dog is out for a walk GPS is enabled, allowing the user to view the location of their pet and keep track of them if they are off leash and exploring on their own.



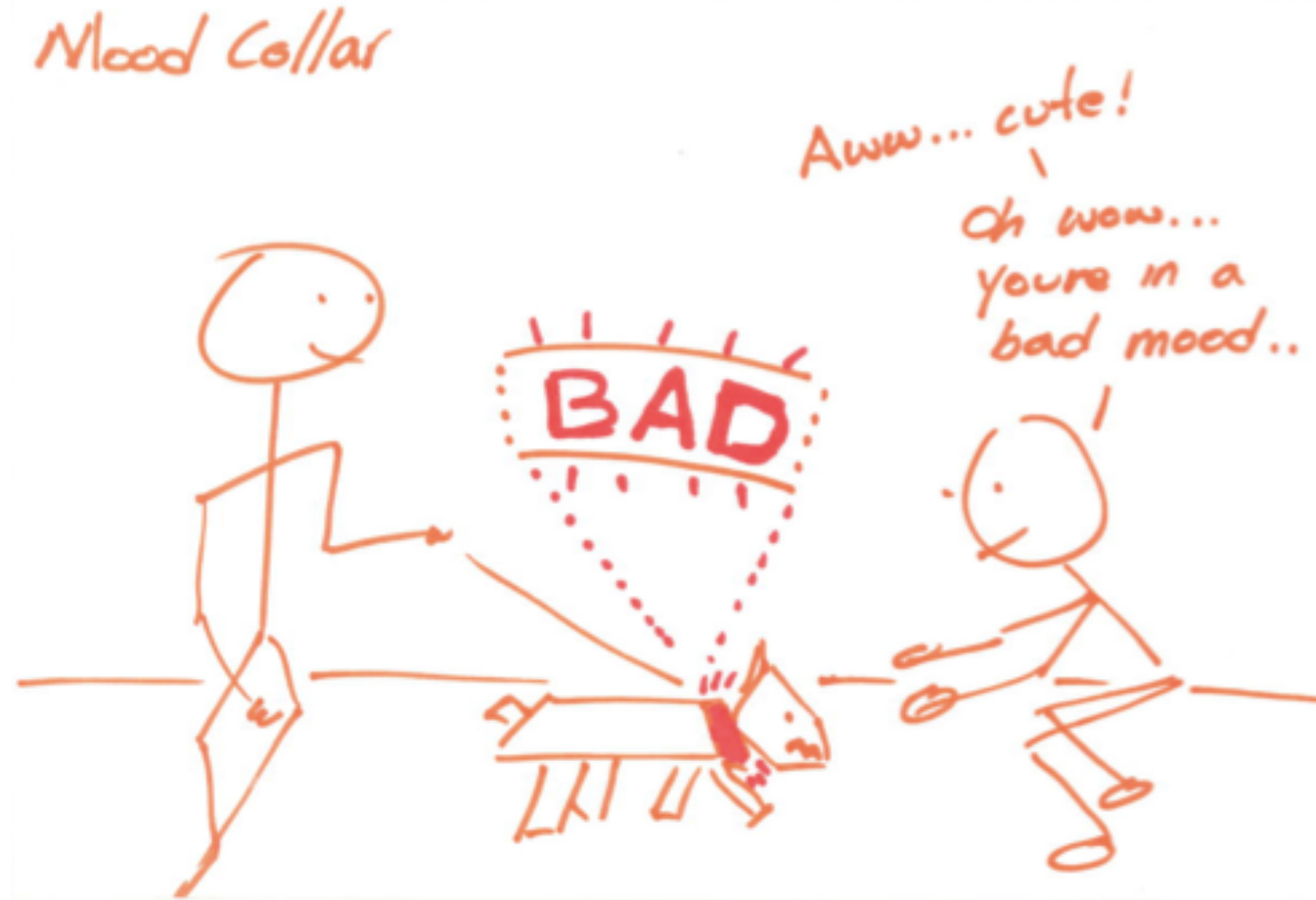
EmptyBowl

EmptyBowl is a smart food dish that notifies pet owners when they need to refill their pet's food dishes.



Mood Collar

The mood collar samples the pet's heart rate to estimate how calm they are. When the pet is in a bad mood or is stressed, it turns red and warns others not to try to pet or play with them.



PetSkype

PetSkype aims to keep pets and their owners in each others' lives by allowing pets to video conference with their owners while they're away.



PetMatch

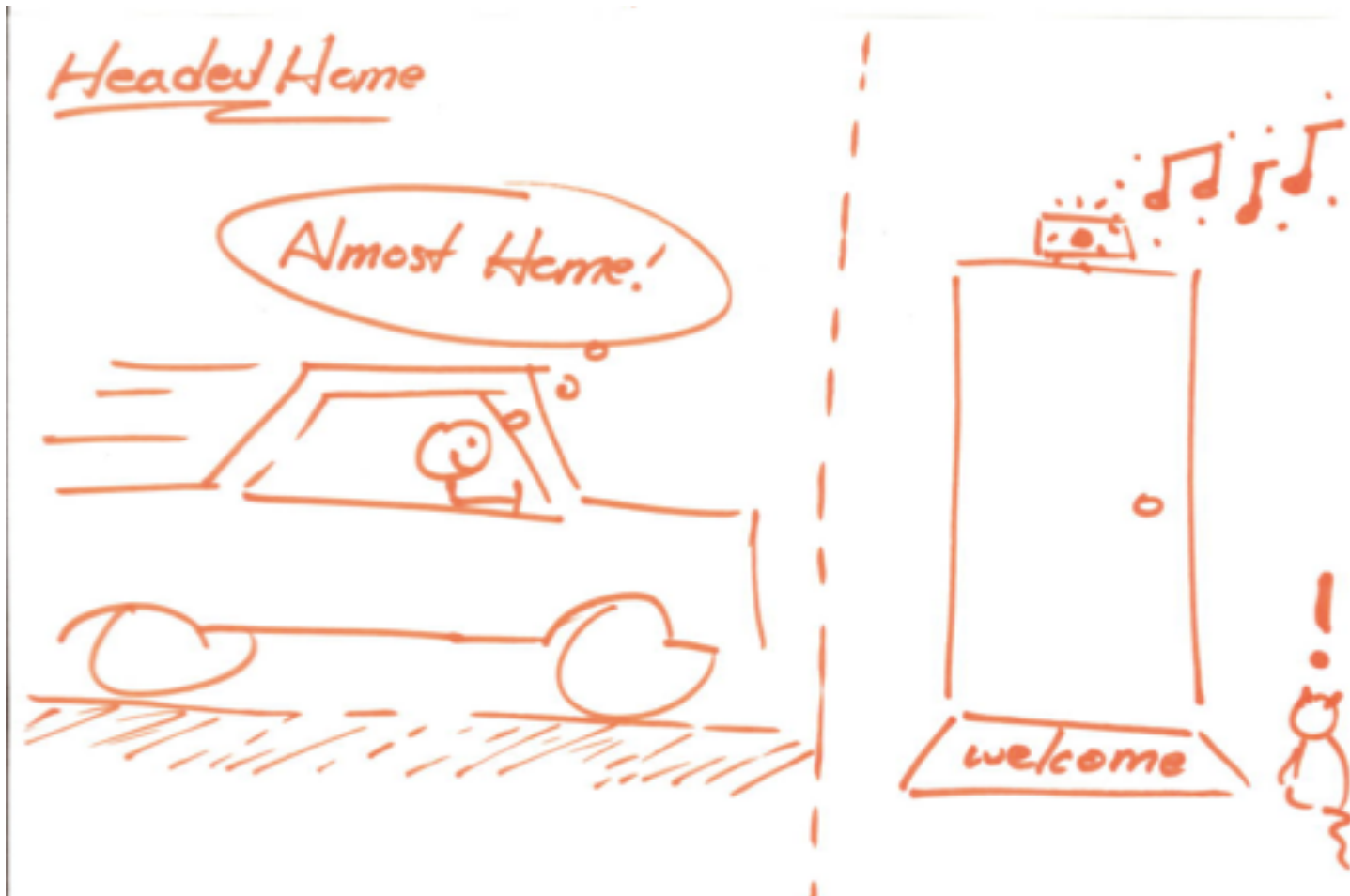
Pets wear special collars that contain RFID chips and near field communication technology. When the pet is near another pet they have been spending a lot of time with, the owners' are alerted so they know the animals are interested in each other!

" You've found a Pet Match! " • "



HeadedHome

An app on the user's phone uses GPS to determine when they are headed home and alerts a device in their house. The device lets the pet know that their owner is almost home!



Dog Square

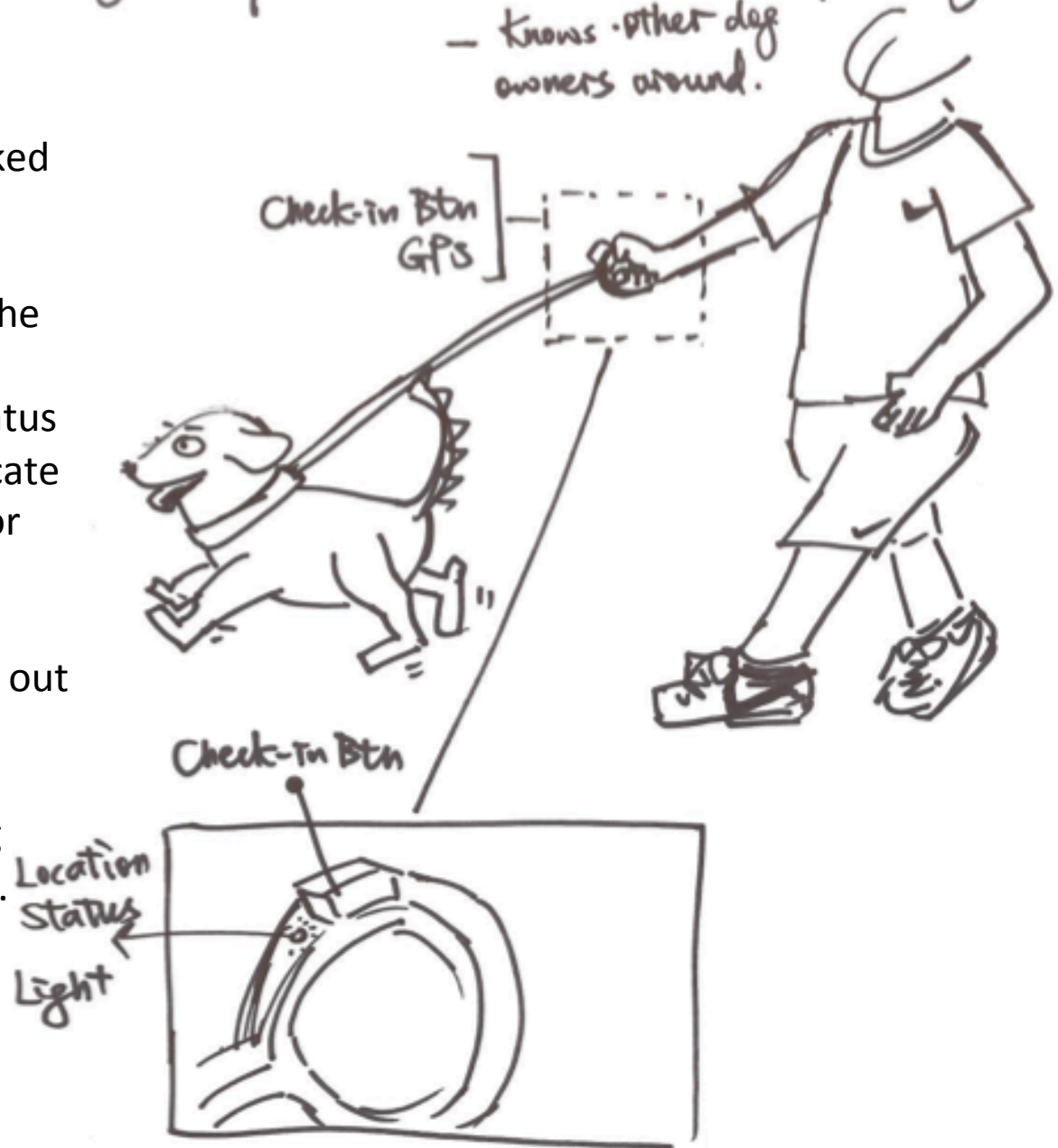
- Check-in for your dog when walking your dog
- Knows other dog owners around.

5. DogSquare

Share the routes that you walked your dog to other dog owners nearby.

Press the Check-in button on the handle to check-in while you walking the dog. A location status button on the handle can indicate whether the GPS has located or not.

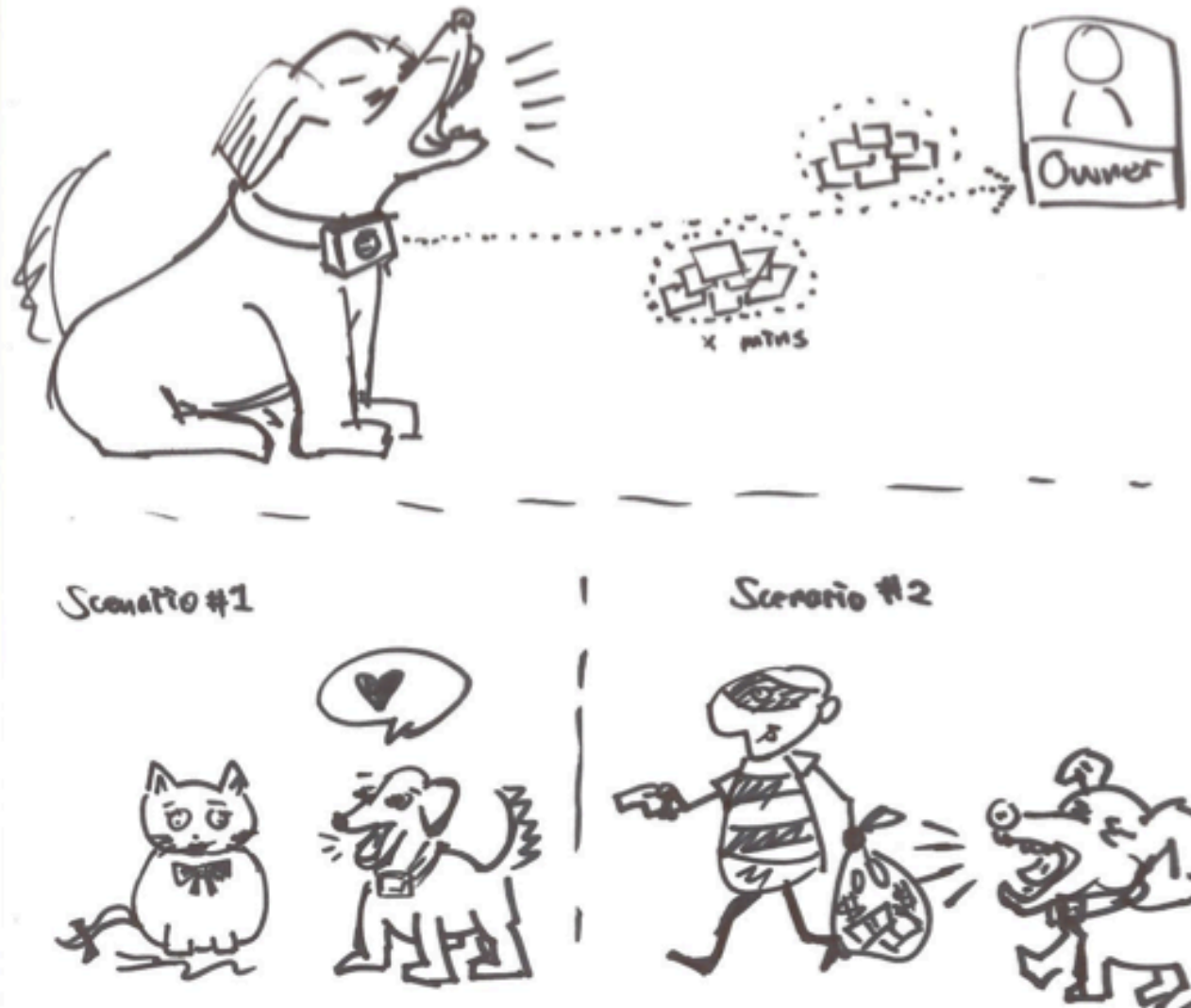
On the website, you can reach out the dog owners around you. Improve your experience in walking your dog while getting together with other neighbors.



Dog Camera - takes picture every certain time the dog barks.
- Sends combined pics to its owner

1. Dog camera

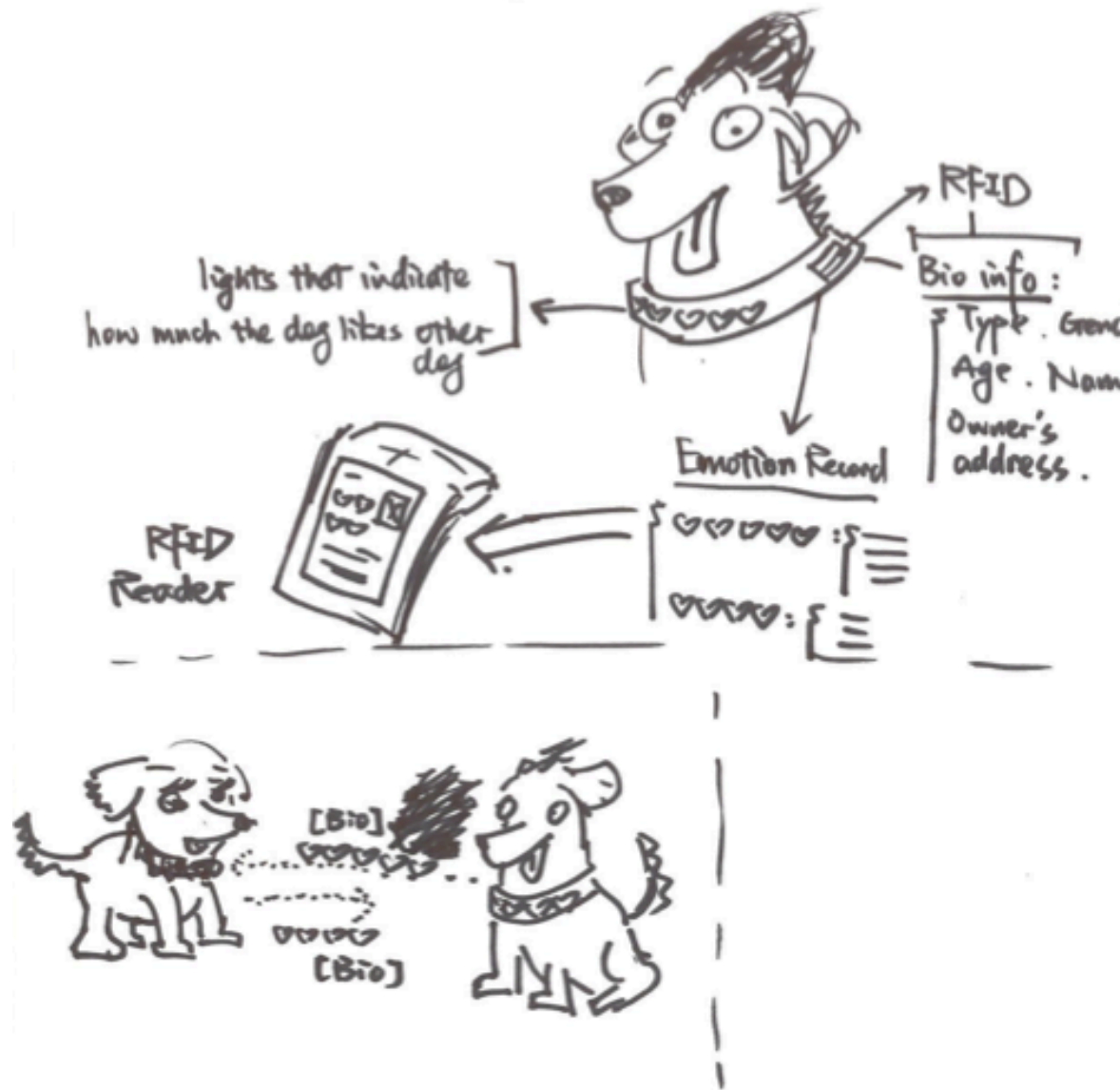
A micro-camera on dog's collar. Can take an pic every time the dog barks. The camera can combine multiple photos that taken in a certain amount of time into one pic and send it to its owner. Dog camera could be used to show the dog's life portrait with the owner remotely. In some emergency circumstances, for example robbery, the pics can also be used as evidence.



4. Pet Dating

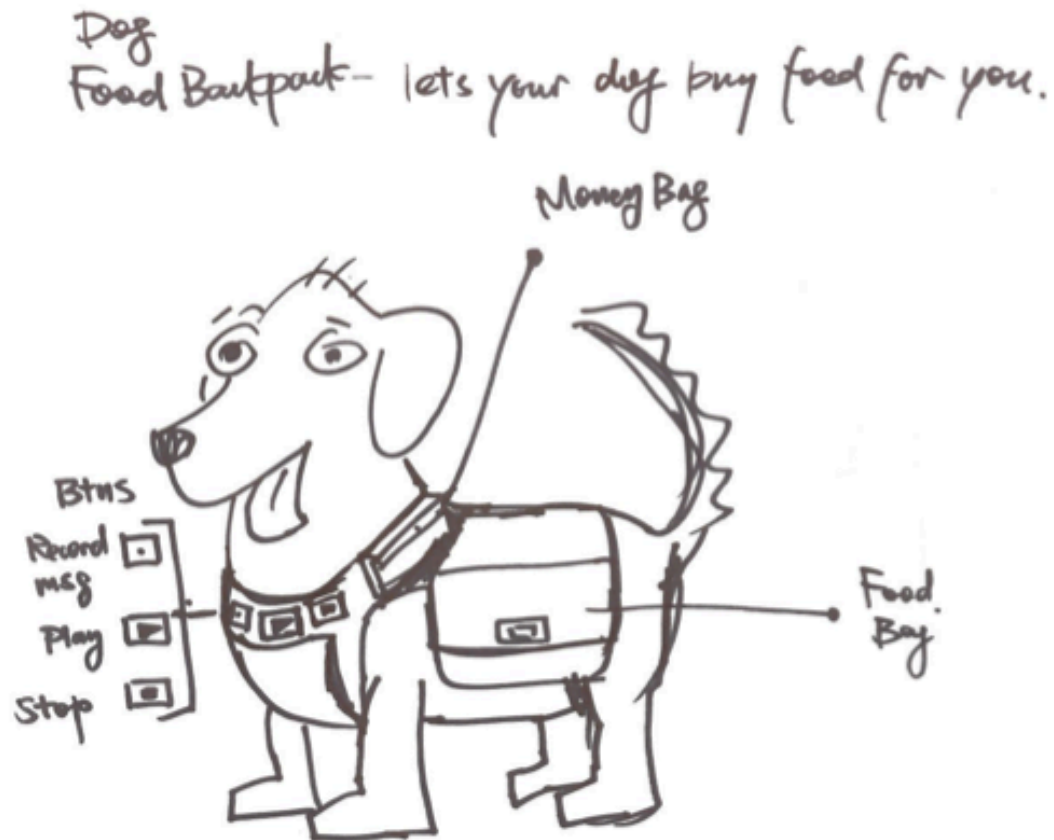
A smart collar that can tell the owner what type of dog his/her dog likes. The LCD screen on the collar can immediately tell how excited the dog is by detecting the body measurements. The RFID tag stores the bio information and the basic contact info of the owner. Once two dogs that encountered with each other both feel good, the collars can exchange information automatically. The owner is able to view the info by using an RFID scanner. In this case, the owner can know the dog's preference in mates, also the contact information about potentials.

- Pet Dog Date
- helps the owner know what type of dog his pet likes.
 - exchanges bio information

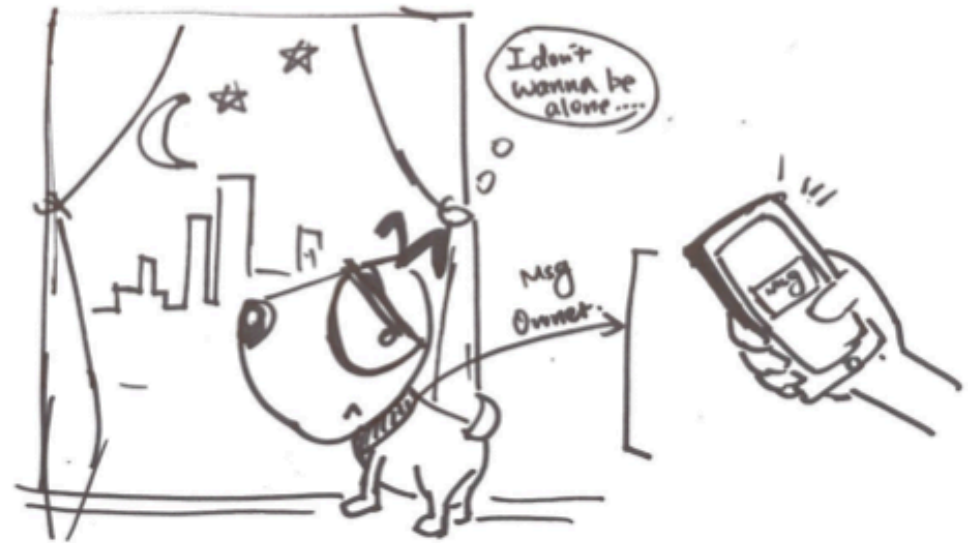


2. Dog Backpack

A backpack that can fit perfect by dog. It also goes together with a collar that incorporates voice recorder and money bag. When owner wants to let the dog buy something for him, he could press the recording btn on the collar and record their messages. After the dog arrives at the destination, salesman could press the play btn and get the messages. Then he could put the things into the pack and put changes into the money bag.

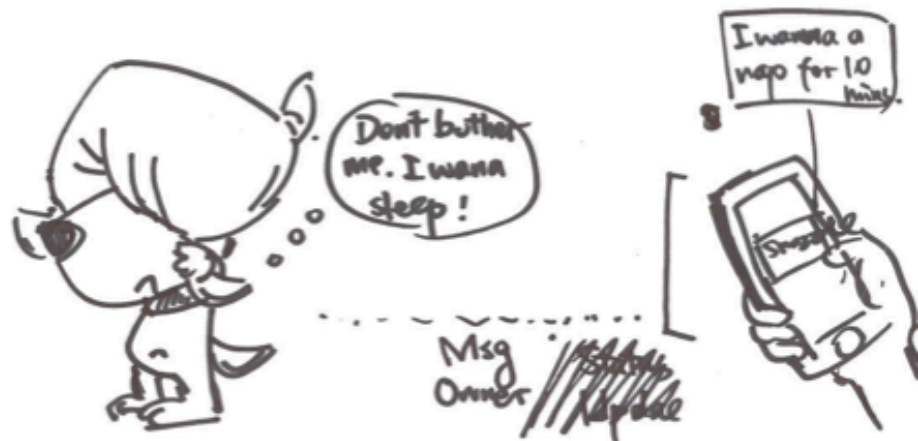


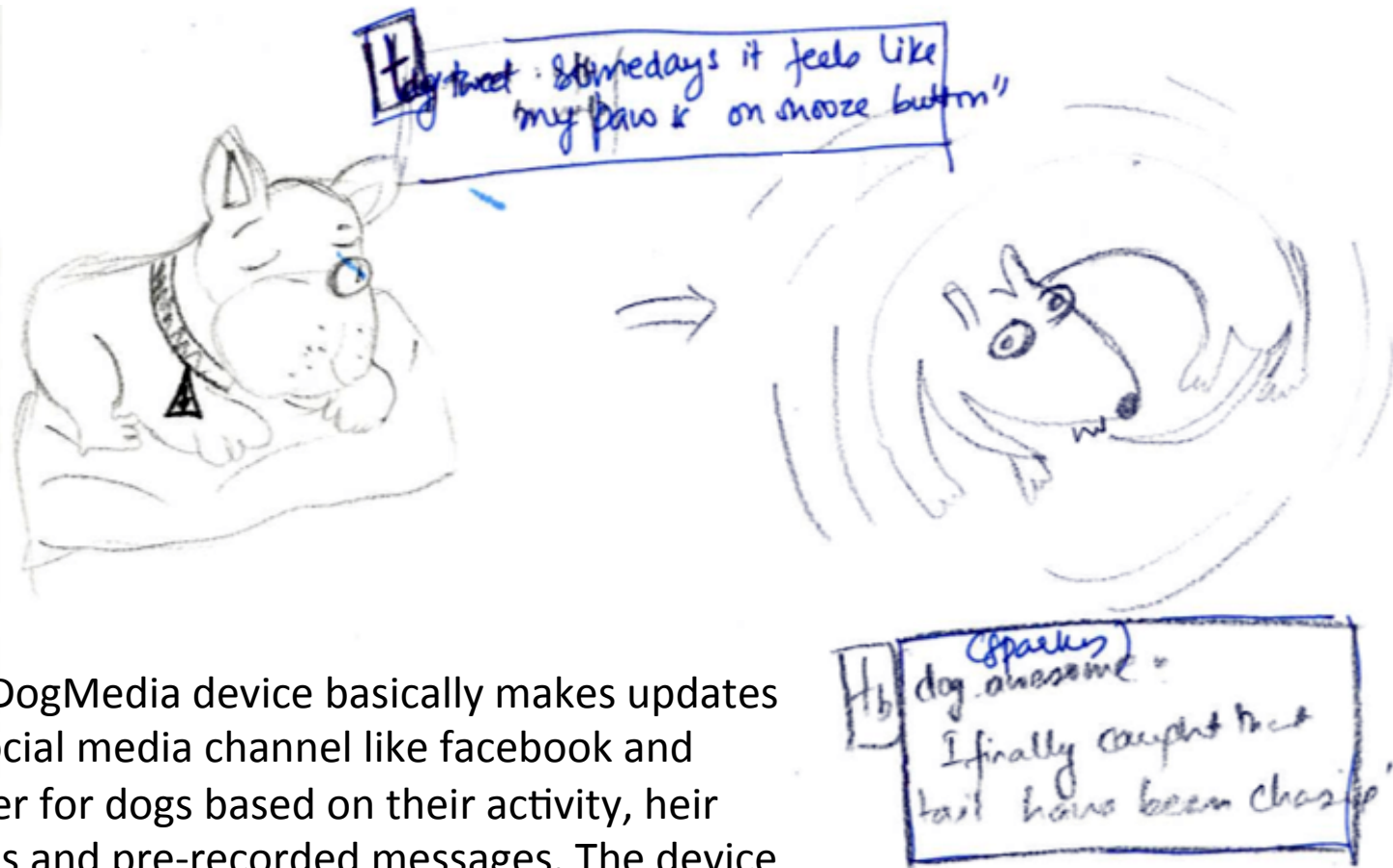
Dog Mooding - knows the mood of the dog remotely
(Smart collar)



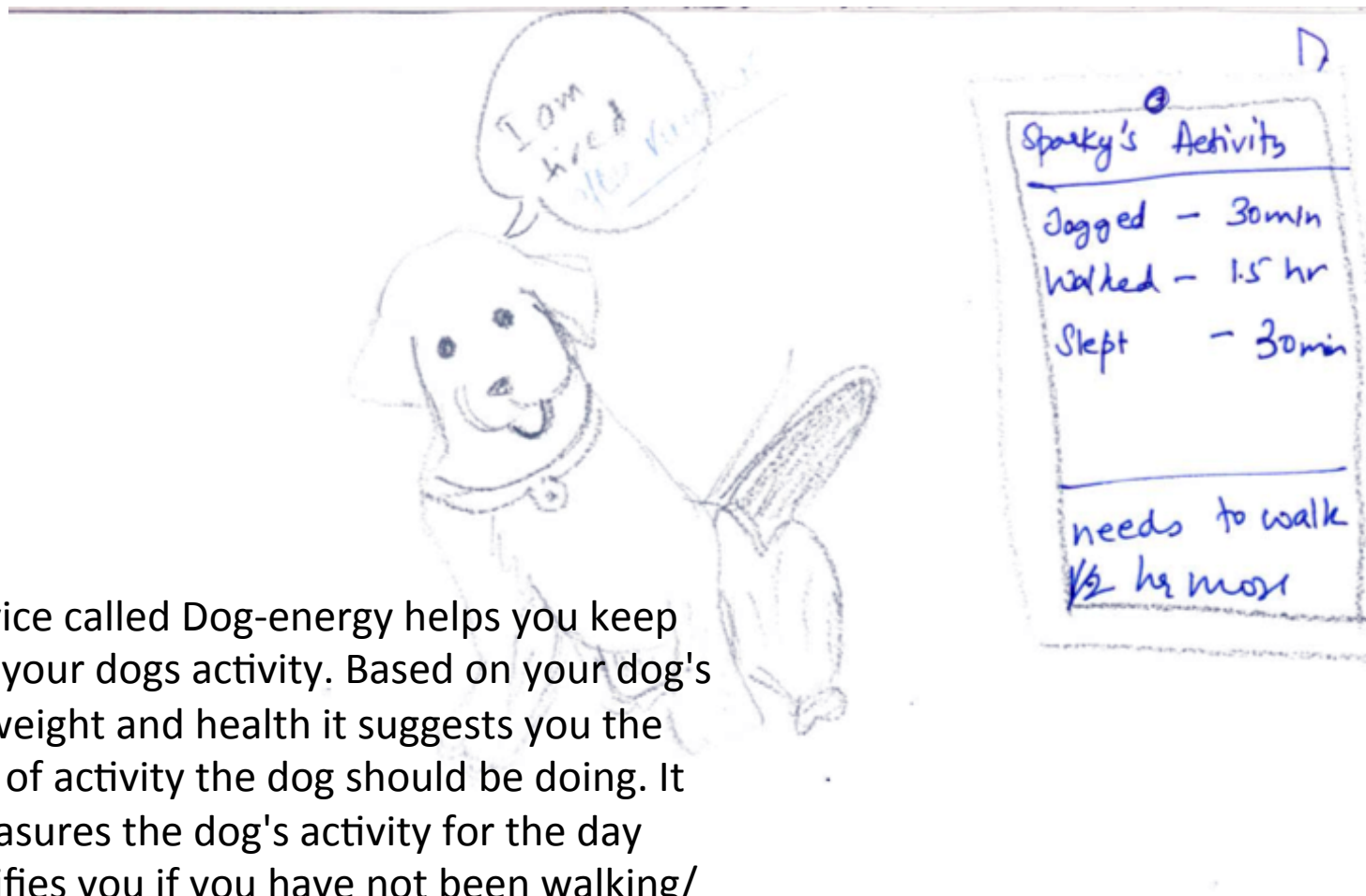
3. Dog Mooding

A smart collar that can detect the mood of your pet. It can automatically convert moods to human's language, regularly send messages to owner's smart phone. The owner is able to know whether the dog is happy or sad, excited or depressed, etc. Moreover, from receiving messages in human language, the owner may consider his/her dog as a human friend.

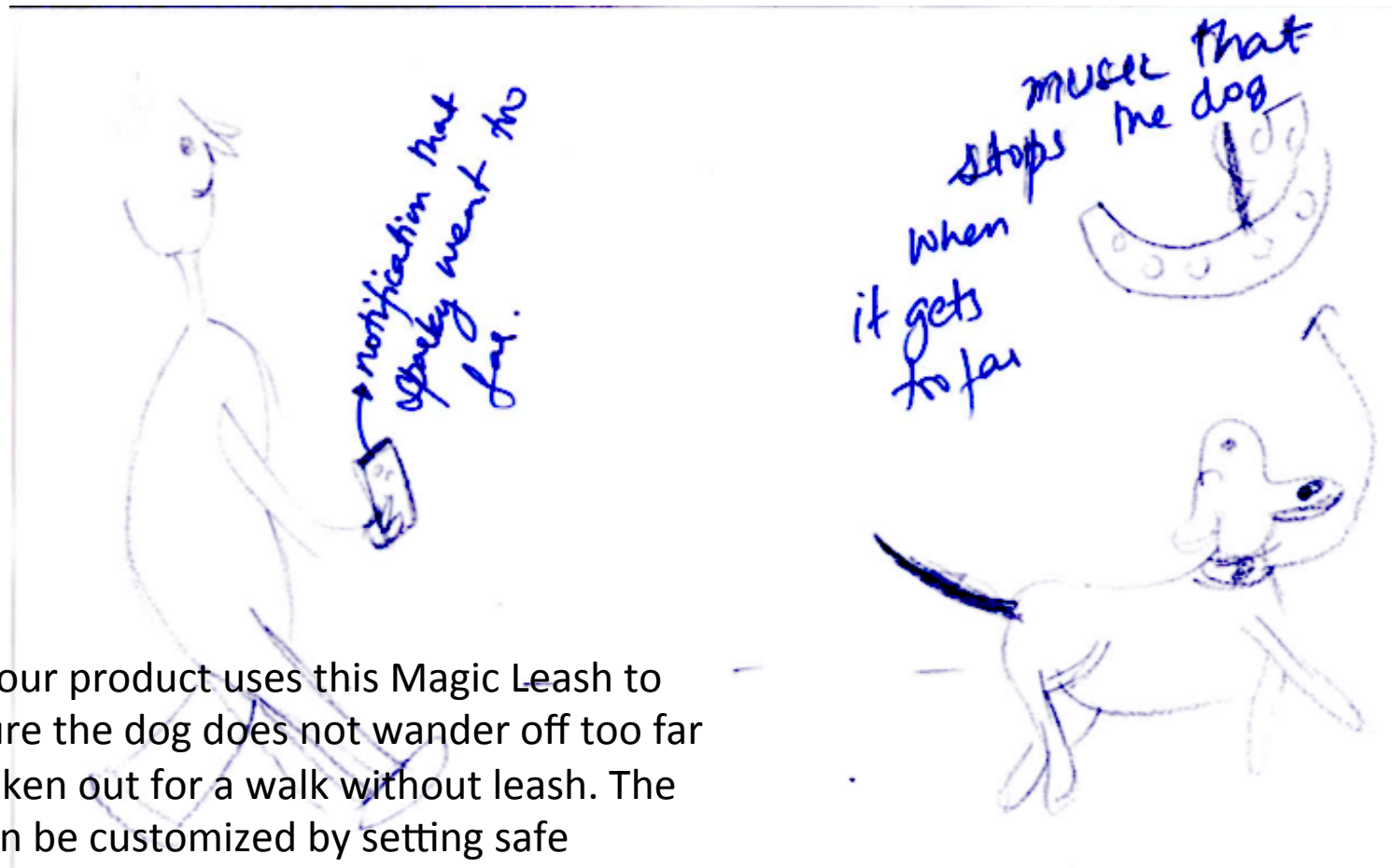




This DogMedia device basically makes updates on social media channel like facebook and twitter for dogs based on their activity, their noises and pre-recorded messages. The device will have inbuilt sound/motion sensors to detect dog's activity.



This device called Dog-energy helps you keep track of your dogs activity. Based on your dog's breed, weight and health it suggests you the amount of activity the dog should be doing. It also measures the dog's activity for the day and notifies you if you have not been walking/ playing with your dog enough.



User of our product uses this Magic Leash to make sure the dog does not wander off too far when taken out for a walk without leash. The leash can be customized by setting safe distance(distance till which dog can wander) and stop signal(the message that plays to stop the dog if and when he strays away)