

Appendix

Testing scripts

User 1:

1. "Will the dog turn red when I walk into a junk food restaurant?"
2. "Low, I think it will make me awkward if others can hear."
3. "It would be better if the dog can detect the calories of the meal."

User 2:

1. "I think detecting a waiter with a voice system is better, because taking photos to others without permission is impolite."
2. "Low."
3. "Maybe the dog could record and analyse the data of the user's eating."

User 3:

1. "Can the dog walk? I think maybe it will be more interactive if it can walk everywhere, and in this case, a sensor to detect "
2. "Low"
3. "I think the social part could be more to let users communicate with each other."

User 4:

While for me, if i were eating a pizza at home then the dog would suddenly turn red and then start barking at me following voice prompts such like he does not like what i am going to eat, it will definitely influence my behaviour. I will recall what I ate today and maybe I am going to eat the whole pizza but I only ate half after the dog reminded me.

I would like to have a mode that allows me to set up an eating plan for myself, for example, if I have pizza for the fifth time this month, the dog will bark and turn red. If for the first time it reacts i will think it is too extreme.

I want it to only vibrate at public places because I don't want to disturb others and if it gives a loud sound, I will feel awkward. I think you can separate color change, voice prompts and vibration switches so that I can choose the functions as I like.

User 5:

If the dog changes color into red and says what I eat is unhealthy or even barks at me, I will be annoyed by this dog. Because sometimes you know as a person you just want to eat something like, even if i am on a diet and pay attention to what I eat everyday, every meal. I am a person who puts tasty food first.

I will easily accept the healthy food recommendation it gives when at a restaurant. If i don't want to listen to it I think I can turn it off, but it is better to be turned on automatically after 30 mins or whatever so that i won't forget to turn it on.