Part 1: Design Research Summary

Type of research: Interview

- Team members who conducted the research: Wenle Feng, Zhou Xie, Cole Schlisner

- The people we conducted the research with:
1. A Programming Engineer who live and work in San Jose, CA. Work every day. Live with his boyfriend. 29 years old. Male.
2. CU student, female,23 years old, lives outside of campus

| Dog type	Size	Time with the owner (Daily)	Exercise time
Samoyed	Medium(normal)	8 hours	30mins
Shiba Inu	Small(overweight)	6 hours	20mins
Border Collie	Small(normal)	6 hours	30mins

- Findings:
   - Owner's job and living style will decide how much time he/she will spend on the dogs. (f1)
   - Owners do not like to take their dogs out for long periods of time. (f2)
   - Dogs do not get enough exercise. (f3)

Type of research: Questionnaire

- Team members who conducted the research: Wenle Feng, Zhou Xie, Cole Schlisner

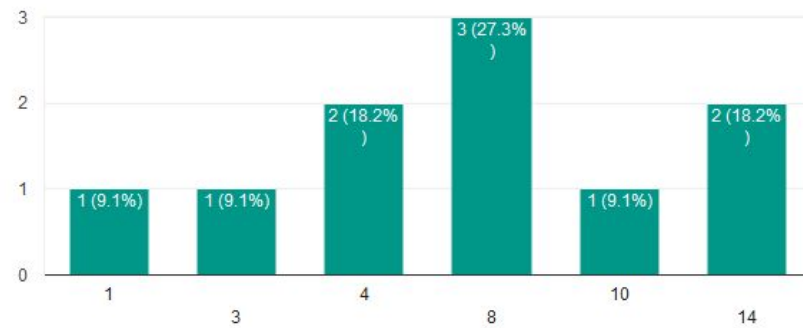- People research was conducted with: random sample of internet users
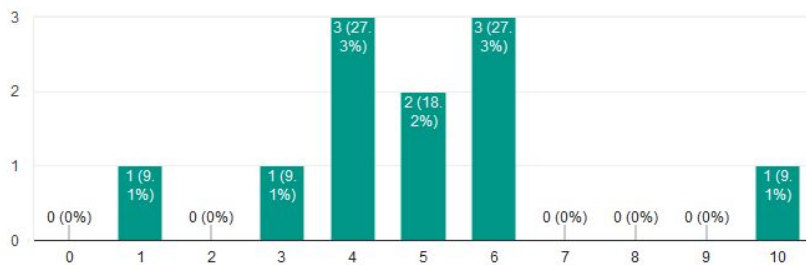
What size is your dog

11 responses

- >11 pounds
- 12-22 pounds
- 23-44 pounds
- 45-88 pounds
- 89+ pounds

27.3%
54.5%
9.1%
9.1%
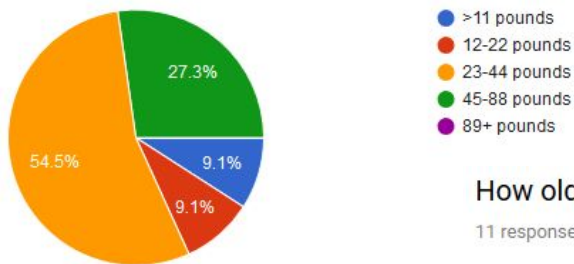
How old is your dog (in years)?

11 responses

Value	Count
1	1 (9.1%)
3	1 (9.1%)
4	2 (18.2%)
8	3 (27.3%)
10	1 (9.1%)
14	2 (18.2%)

How much time do you spend with your dog per day (hours)?

11 responses

Hours	Count
0	0 (0%)
1	1 (9.1%)
2	0 (0%)
3	1 (9.1%)
4	3 (27.3%)
5	2 (18.2%)
6	3 (27.3%)
7	0 (0%)
8	0 (0%)
9	0 (0%)
10	1 (9.1%)

Do you know if your dog is healthy?

11 responses

- Yes
- No
- Maybe

90.9%
9.1%
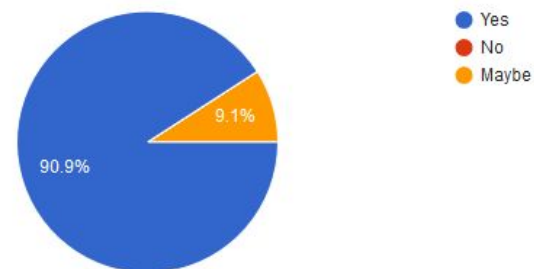
Has your dog been sick before?

11 responses

- Yes
- No

90.9%
9.1%
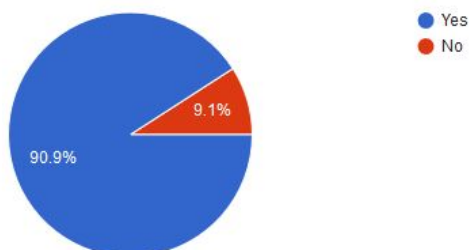
If yes, did you take it to a vet?

11 responses

- Yes
- No
- N/A

81.8%
18.2%
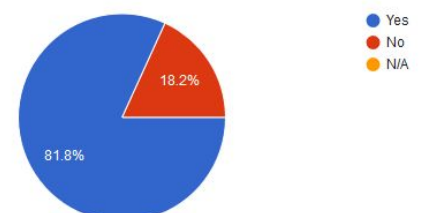
How many times per year do you take your dog in for a checkup?

11 responses

- 1-2 times
- 3-5 times
- more than 5 times

81.8%
9.1%
9.1%
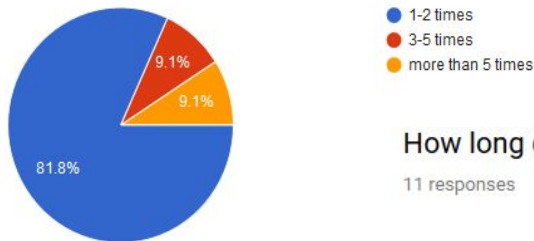
How long do you typically leave your dog in a kennel (hours)?

11 responses

7 (63.6%)

0 (0%) 1 (9.1%) 0 (0%) 1 (9.1%) 1 (9.1%) 0 (0%) 1 (9.1%) 0 (0%) 0 (0%) 0 (0%)

0 1 2 3 4 5 6 7 8 9 10
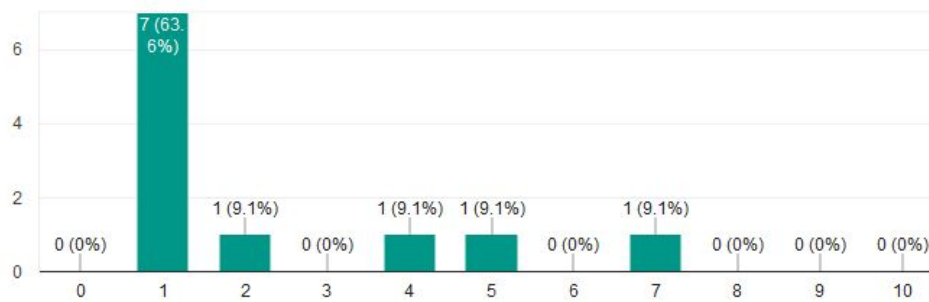
How many times do you take your dog for a walk per week?

11 responses

4 (36.4%)

0 (0%) 0 (0%) 1 (9.1%) 1 (9.1%) 2 (18.2%) 0 (0%) 1 (9.1%) 0 (0%) 0 (0%) 2 (18.2%)

0 1 2 3 4 5 6 7 8 9 10
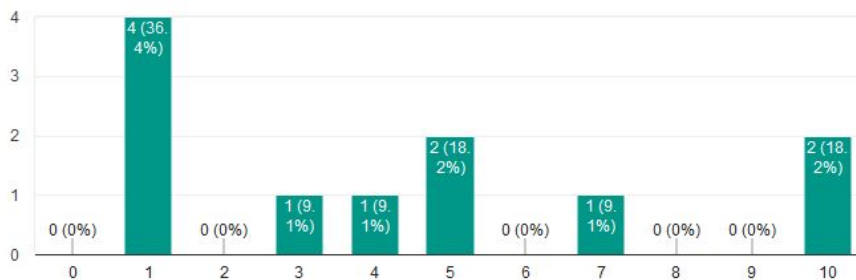
Are you familiar with all responsibilities of owning a dog?

11 responses

- Yes
- No
- Maybe

27.3%
72.7%
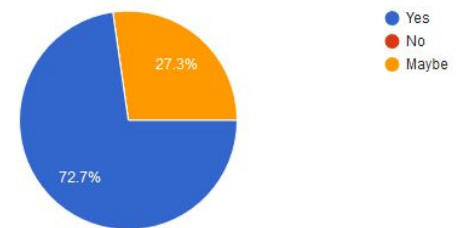
- Findings:
    - Most people only take their dog in for a checkup 1-2 times a year
    - Most people have medium sized dogs (20-40 pounds)
    - People are generally aware of their dog's health
    - about ¼ of people aren't completely sure about all responsibilities of dog ownership

We will force on the functions that will help dogs get enough exercise.

Part 2: Group Reflection

- Do your findings agree? Disagree?

F1: agree.we can see that the Programming Engineer did not spend a lot of time with the dog because she is busy, but the CU student who always stays in the house spent a lot of times with the dog.

 F2: agree. According to the data, they did not like to walk with their dog outside, also the data from the questionnaire showed that ⅓ of respondents only took their dog on a walk once a week.

F3: agree. (base on the data and what they told us.)

- What decisions can you make based on this data?

We will focus on the functions that will help dogs get enough exercise, and teach the owners about how to keep dogs healthy.

- Were some data collection methods more or less useful than the others? Why?

During the interviews, we can ask more personal questions and get more detail. But it also takes a really long time to get enough data. But by using an online questionnaire, we can get a huge amount of data in a very short time.

- If you think more data collection would help, what else would you want to know?

What food are you feeding your dog every day? Also what kind of food your dog really like?

Summary of the meeting:

Sunday, October 28, 2018. Norlin library. 3:00 – 3:30pm

People who will there: Wenle Feng, Zhou Xie, Cole Schlisner

Cu student
female lived outside of
Campus.

Q m
medi
small dog   1. small - med m dog : Sam oyed
2. Yes, she thinks it is m normal
3. about one she is a student,
          when she was at home,
          her dogs will always with her
          and she is spend most of
          her time at home (especially
              weekend.)
4.   I once   most of time
          30 mins - 1 hour. (buy stuff most
                              of times.)
5.   Yes,

finding : student spend a lot of
           times with dog.
           and she st she did not
           spend with enough time
job of owner   with her dog outside
really will
affect the time   and I think 30 mins is not
           enough walk for dog.

1. What is your dog type and the size of your dog?
   type: Shiba Inu, Border Collie
   size: small   small
   name: kio   , yumi

2. Do you think the size of your dog is normal for its type?
   kio is a little over weight. He ate too much.

3. How much time do you spend with your dog every day?
   before work   and after work
   2 hours   4 hours

4. How many times would you take your dog for a walk? How long did you spend for each walk?
   kio : two times   a day.   10 minutes ~~pre~~ one time.
   Yumi : 3-4 times a day.   10 mintes   one the.

5. Do you think you spend enough time with your dog every week? why.
   Yes.   because ~~y~~ they are happy.

6. ~~why do you spend~~

Dog Care

What size is your dog *

○ >11 pounds

○ 12-22 pounds

○ 23-44 pounds

○ 45-88 pounds

○ 89+ pounds

How old is your dog (in years)? *

Your answer

How much time do you spend with your dog per day (hours)? *

	0	1	2	3	4	5	6	7	8	9	10
	○	○	○	○	○	○	○	○	○	○	○

How many times do you take your dog for a walk per week? *

	0	1	2	3	4	5	6	7	8	9	10
	○	○	○	○	○	○	○	○	○	○	○

Has your dog been sick before? *

○ Yes

○ No

If yes, did you take it to a vet? *

○ Yes

○ No

○ N/A

How many times per year do you take your dog in for a checkup? *

○ 1-2 times

○ 3-5 times

○ more than 5 times

Are you familiar with all responsibilities of owning a dog? *

○ Yes

○ No

○ Maybe

How long do you typically leave your dog in a kennel (hours)? *

	0	1	2	3	4	5	6	7	8	9	10
	○	○	○	○	○	○	○	○	○	○	○

Do you know if your dog is healthy? *

○ Yes

○ No

○ Maybe

SUBMIT