

“ You’ve got to start with the **CUSTOMER EXPERIENCE** and work back toward the technology. ”

- Steve Jobs



Identifying customer needs





Product to improve

1. Gathering raw data



How to choose customers

Methods

- Interview
- Focus group
- Observation
- Survey

Guidelines

Documentation (Customer needs)

Choosing Customers



Lead Users

- Regular Users
- Latent needs

Extreme Users

- Unusual Usage
- Disabilities

Gathering raw data



How to choose customers

Methods

- Interview
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Documentation (Customer needs)

Guidelines



Open Ended Questions

- When/Why do you use the product?
- How do you use it?
- Likes/Dislikes?
- Improvements?

Don't Force It!

Gathering raw data



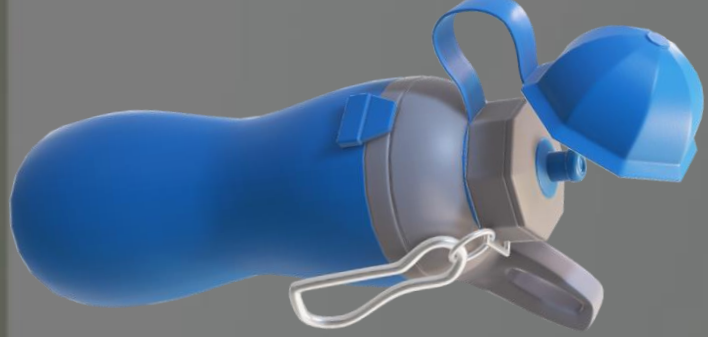
How to choose customers

Methods

- Interview
- Focus group
- Observation
- Survey

Guidelines

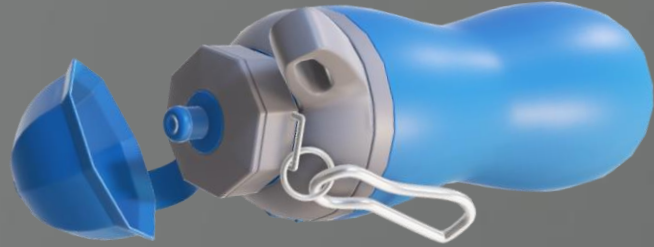
Documentation (Customer needs)



INTERVIEW



My water bottle
tastes weird even
after cleaning it



INTERVIEW



My water bottle
tastes weird even
after cleaning it



My water bottle
indents when
dropped

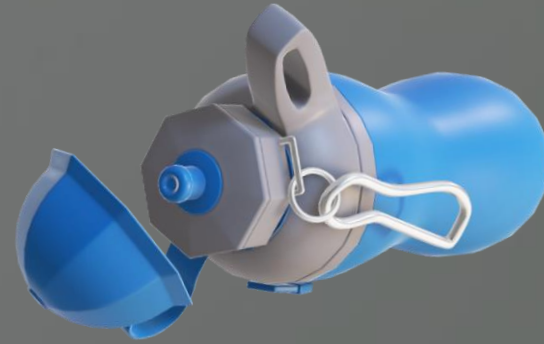
INTERVIEW



My water bottle
tastes weird even
after cleaning it

I couldn't even put
it in the dishwasher

My water bottle
indents when
dropped

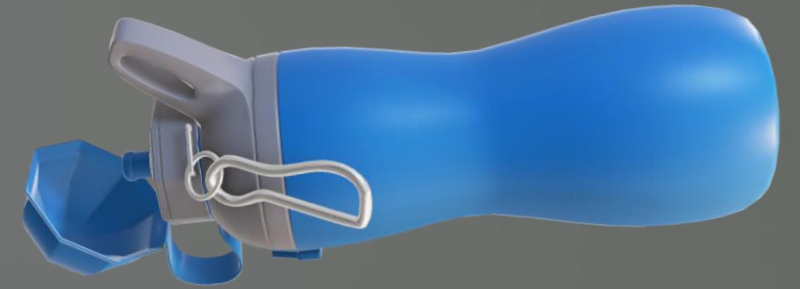


INTERVIEW



My water bottle
tastes weird even
after cleaning it

I couldn't even put
it in the dishwasher



My water bottle
indents when
dropped

I don't like my water
bottle to leak.

INTERVIEW



My water bottle
tastes weird even
after cleaning it

I couldn't even put
it in the dishwasher

I cannot clean my
water bottle easily
because the
opening is too tight

My water bottle
indents when
dropped

I don't like my water
bottle to leak.

INTERVIEW



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What do you think is a need for a water bottle?

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2. Interpretation of the raw data




Statements -> needs

Crucial guidelines

- "What" not "how"
- Specificity
- Positive language
- Attributes of the product
- Avoid "must" and "should"

Interpretation of the raw data



Customer Statement	Needs Statement
My water bottle tastes weird even after cleaning it	The water bottle has a good quality material
I couldn't even put it in the dishwasher.	The water bottle is dishwasher-safe
My water bottle indents when dropped	The water bottle has a heavy-duty material
I cannot clean my water bottle easily because the opening is too tight	The water bottle has a large opening for cleaning advantages
I don't like my water bottle to leak.	The water bottle is leakproof.

Organizing the data

3. HIERARCHY SYSTEM

- PRIMARY – GENERAL NEEDS
- SECONDARY – DETAILED NEEDS

4. RELATIVE IMPORTANCE

- TEAM MEMBER EXPERIENCE
- SURVEYS

Organizing the data



The water bottle is dishwasher safe.

The water bottle has an easy opening.

The water bottle has a heavy-duty material.

Group 1: Easy to clean

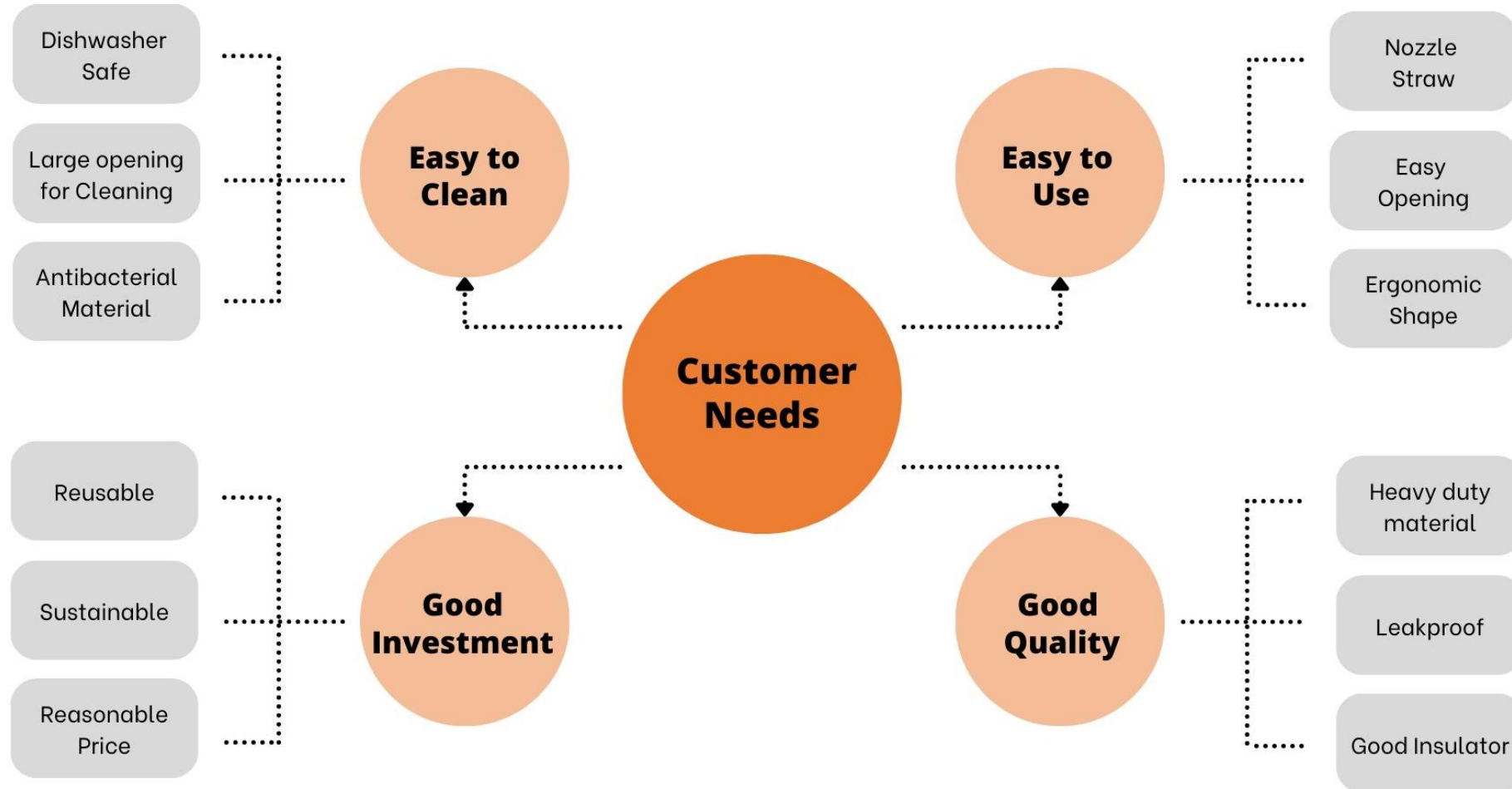
The water bottle has a large opening for cleaning advantages.

The water bottle is made of antibacterial material.

The water bottle is reusable.

The water bottle has enough volume.

Organizing the data



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Rank the 'Easy to Clean' secondary needs

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5. Reflection of the results



DID WE FIGURE OUT
ANYTHING NEW?



IS ALL OF THE NECESSARY
INPUT DELIVERED?



HOW CAN WE IMPROVE
THE PROCESS IN THE
FUTURE?



SUMMARY OF THE
IMPORTANT AND LATENT
NEEDS

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What are the 5 steps of 'Identifying Customer Needs'?

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**This is a good example of a 'Needs Statement':
"The water bottle should have a large opening to clean it easily."**

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**This is a good example of a 'Needs Statement':
"The water bottle is made of a heavy-duty material."**

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Which of the following is NOT a guideline for interpreting raw data?

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Thank you for your
attention

