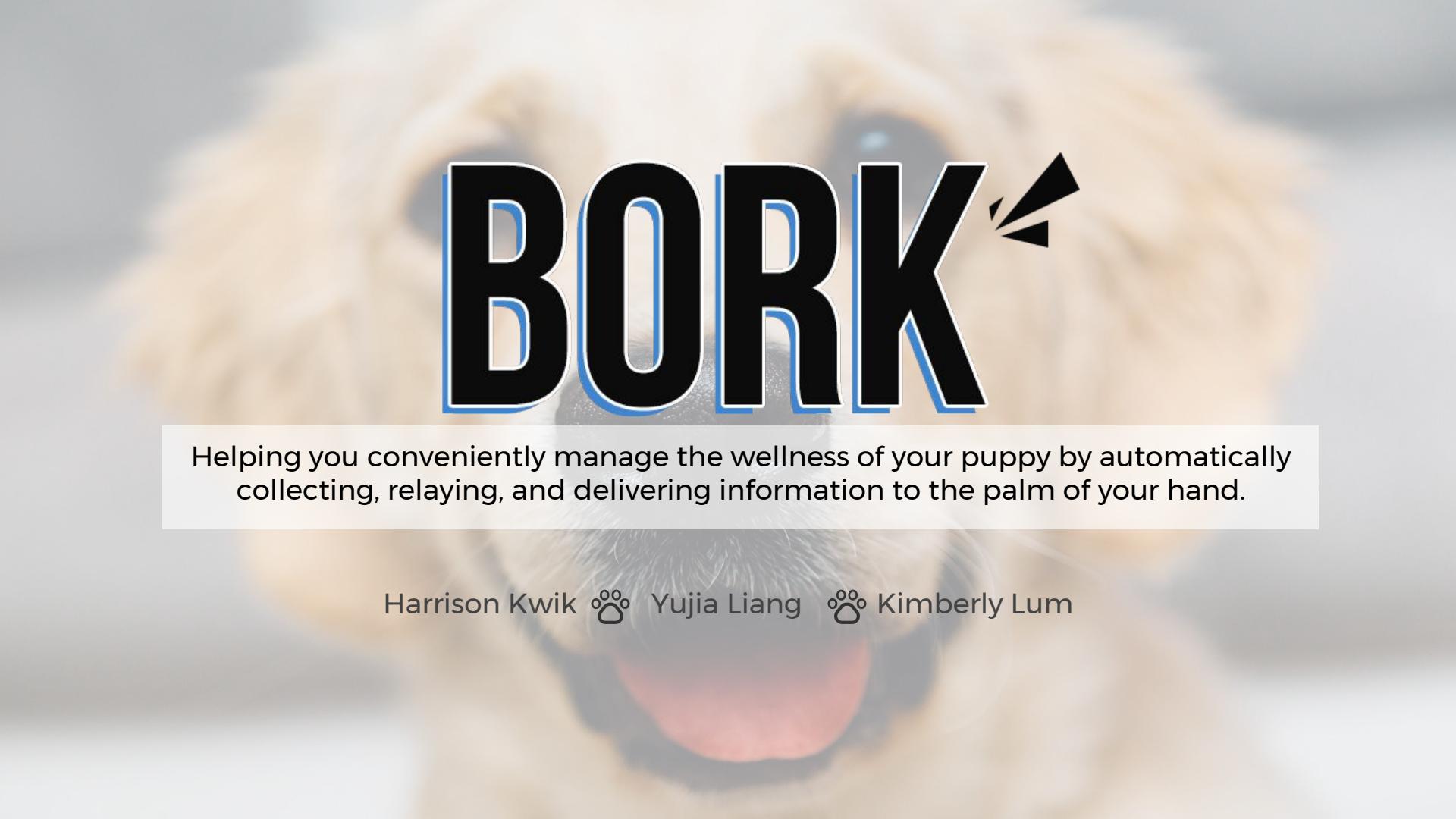


# BORK



Helping you conveniently manage the wellness of your puppy by automatically collecting, relaying, and delivering information to the palm of your hand.

Harrison Kwik  Yujia Liang  Kimberly Lum



# The Problem

Puppies require a lot of time and effort!

# Frank gets a new puppy, Oliver

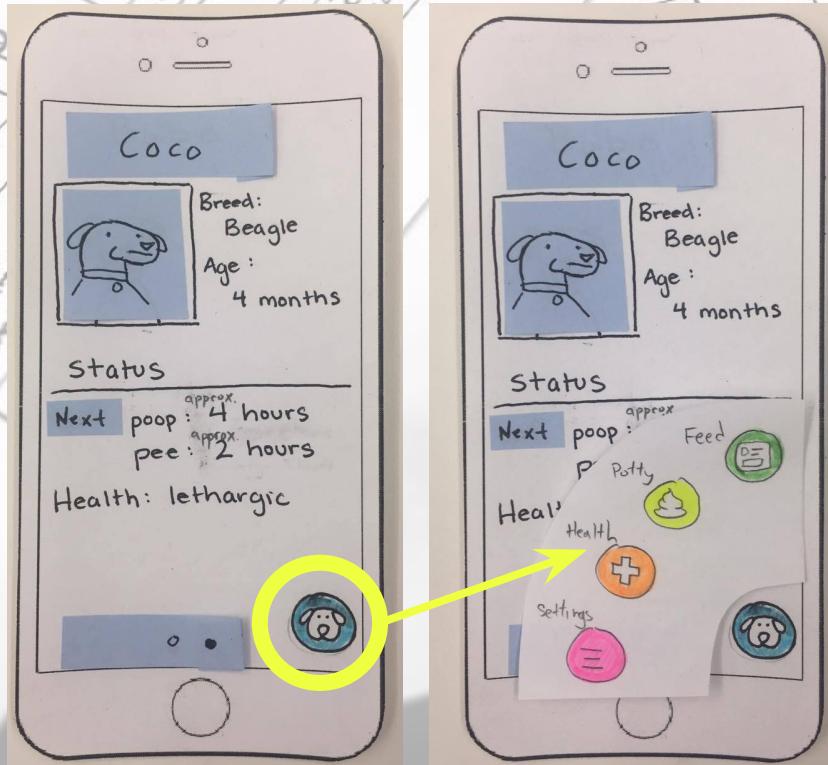


# Our Prototype

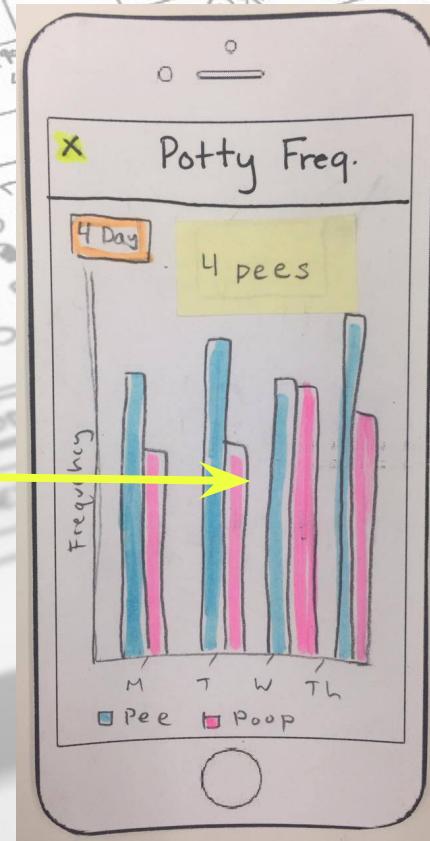
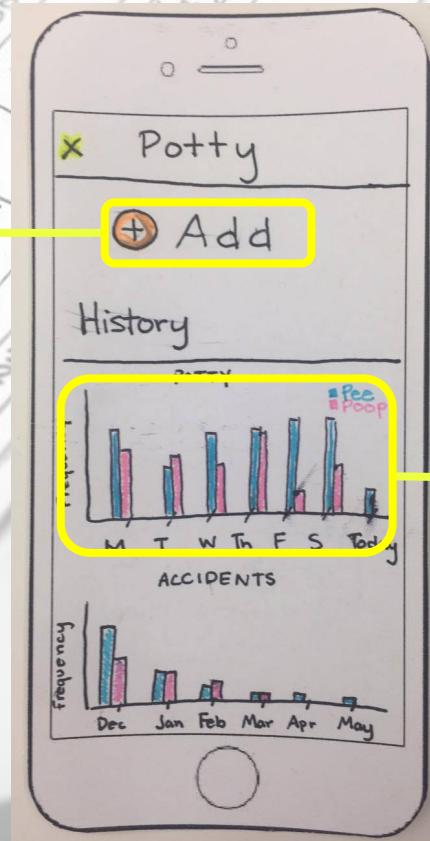
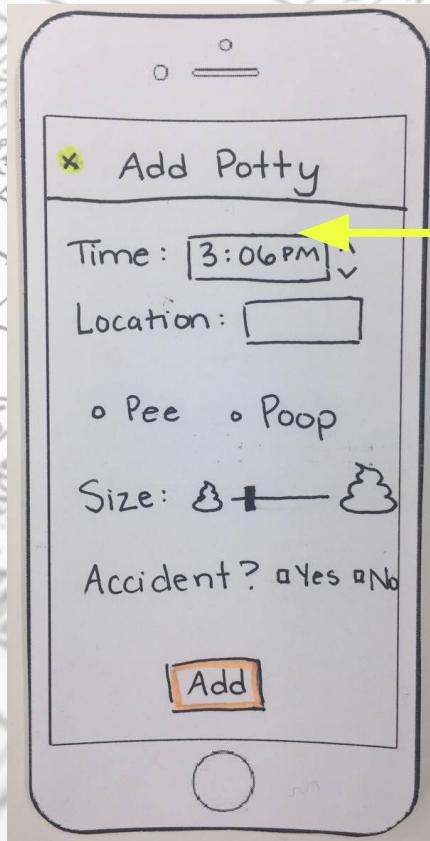
# Initial Paper Prototype



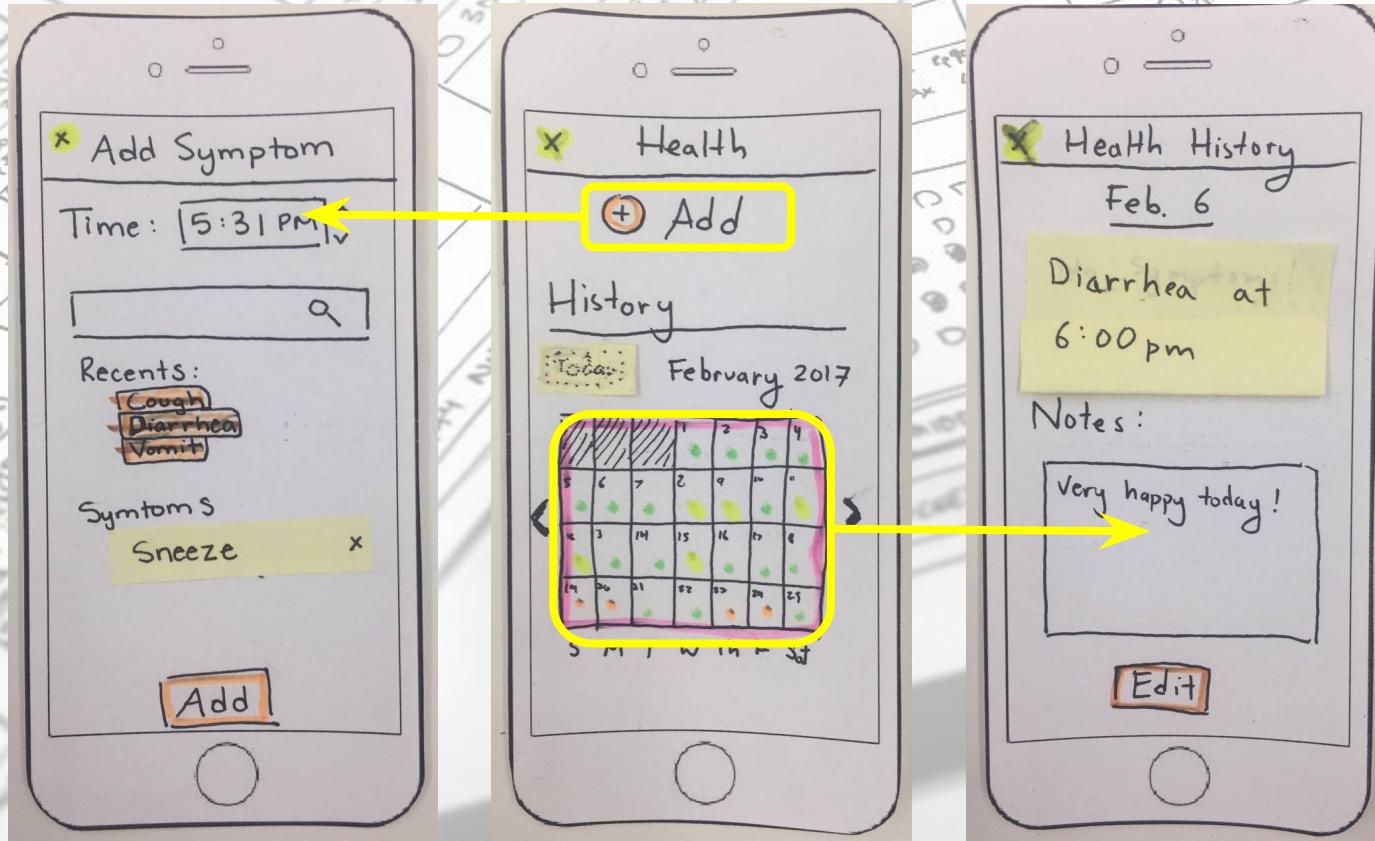
# Critical Features



# Task 1: Potty Tracking



# Task 2: Health Tracking



A photograph showing two people working on a document. One person's hands are visible on the left, holding a pen and writing in a white spiral-bound notebook. Another person's hands are on the right, holding a white tablet and interacting with a digital version of the same document. A white AirPods case sits on the table between the notebooks.

# Evaluation and Testing

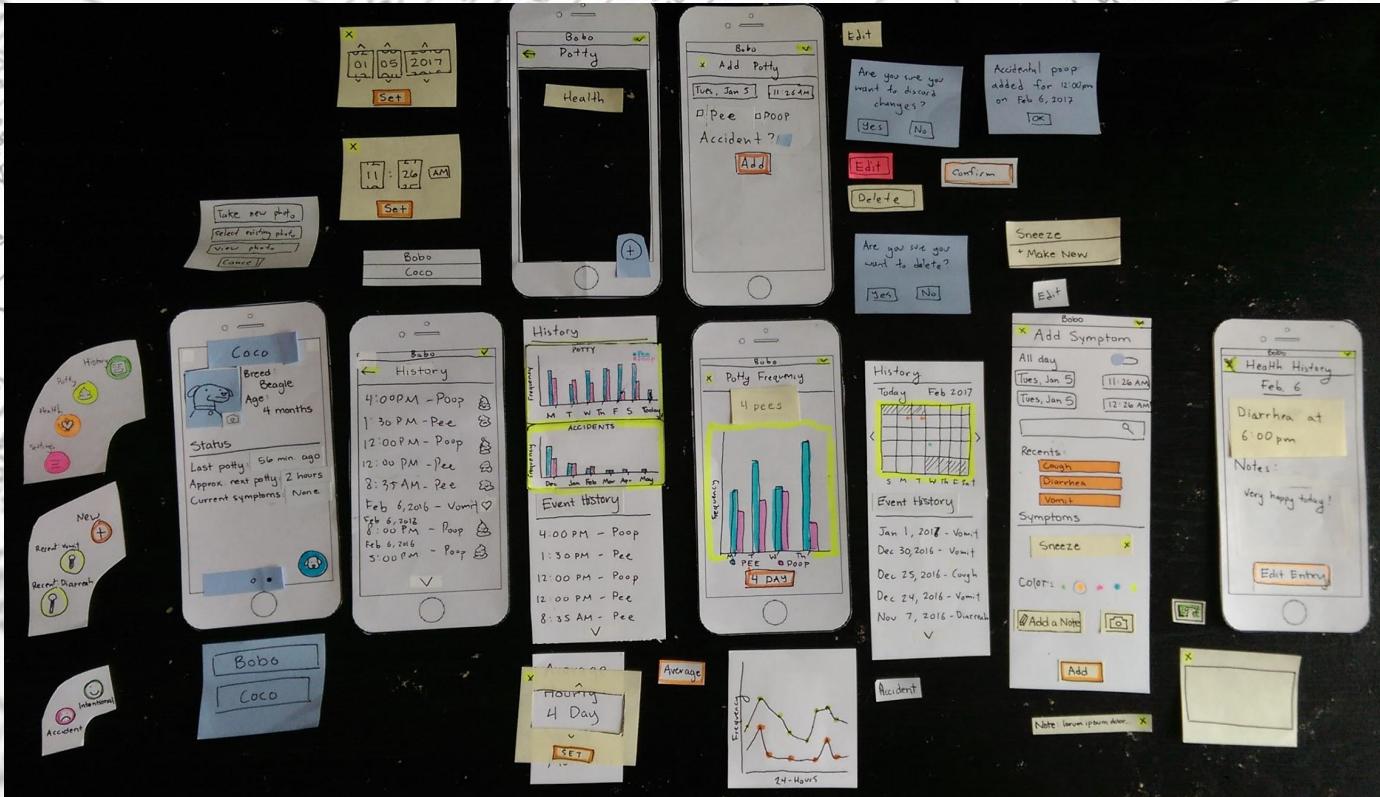
# Heuristic Evaluation

- 🐾 Missing features:
  - Add Notes option in health
  - Date option
  - Delete, edit options
- 🐾 Ambiguous:
  - Dog profile
  - Calendar coloring
- 🐾 Premature addition of event
- 🐾 Unintuitive date range for potty graphs

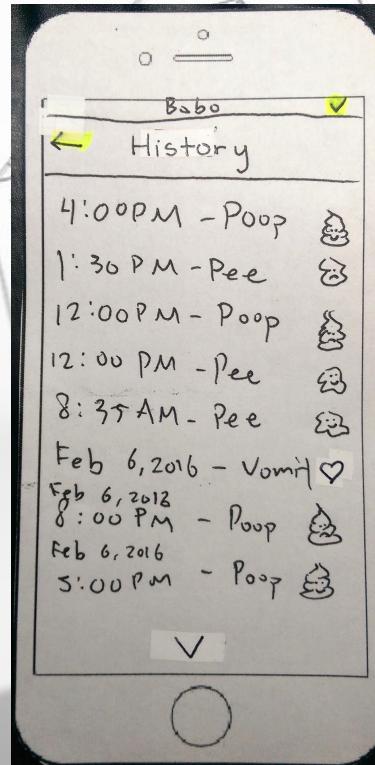
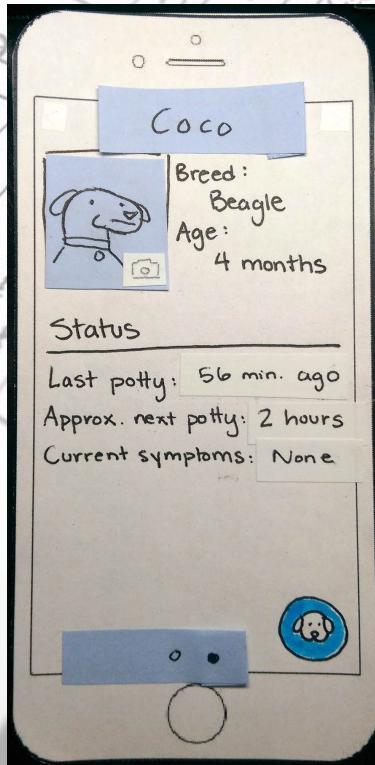
# Usability Testing

- Errors:
    - Incorrect event information
    - Discarding entry
  - Ambiguous calendar, graph button
  - Hidden add button
  - Unclear edit button placement
  - Tedious profile switching

# Final Paper Prototype



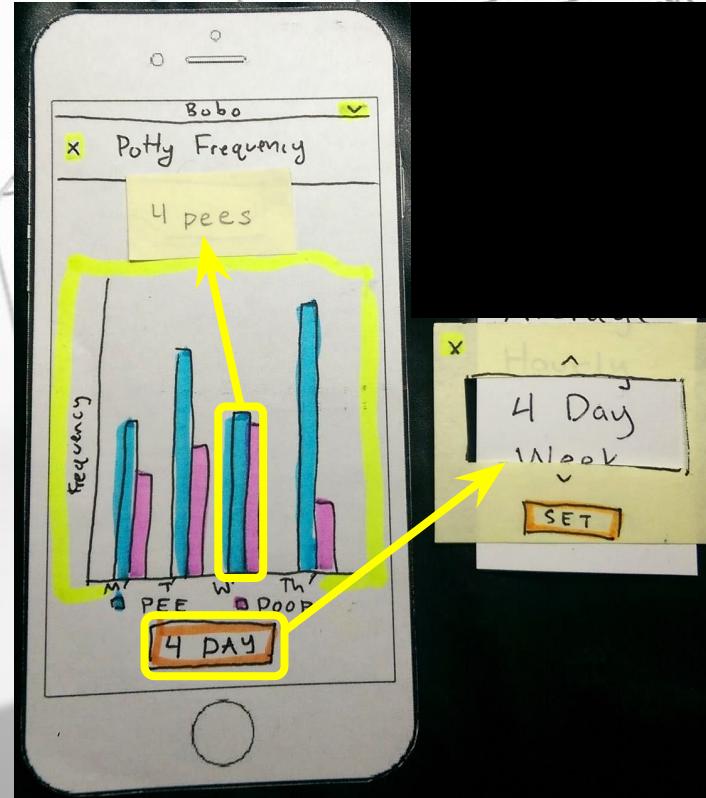
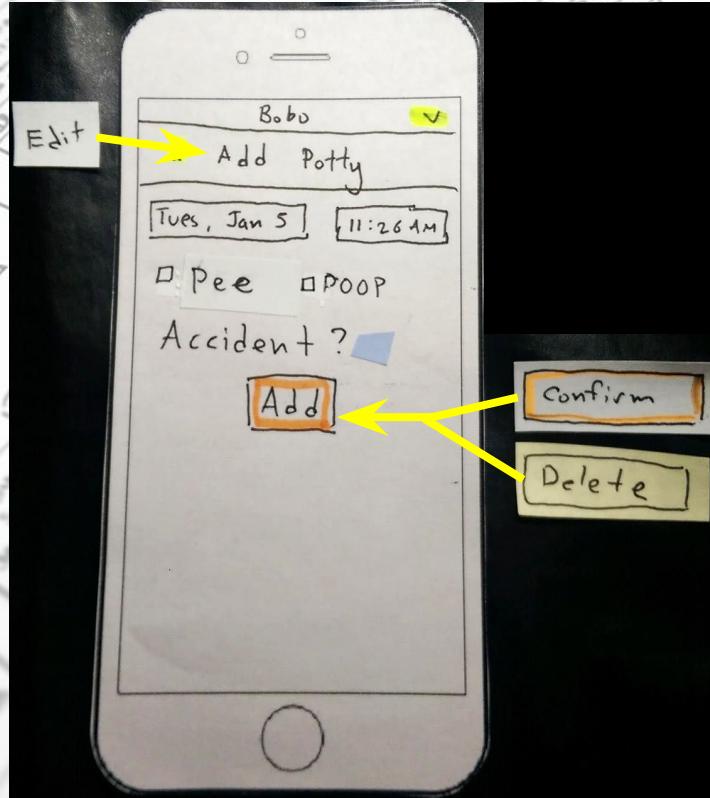
# Critical Features



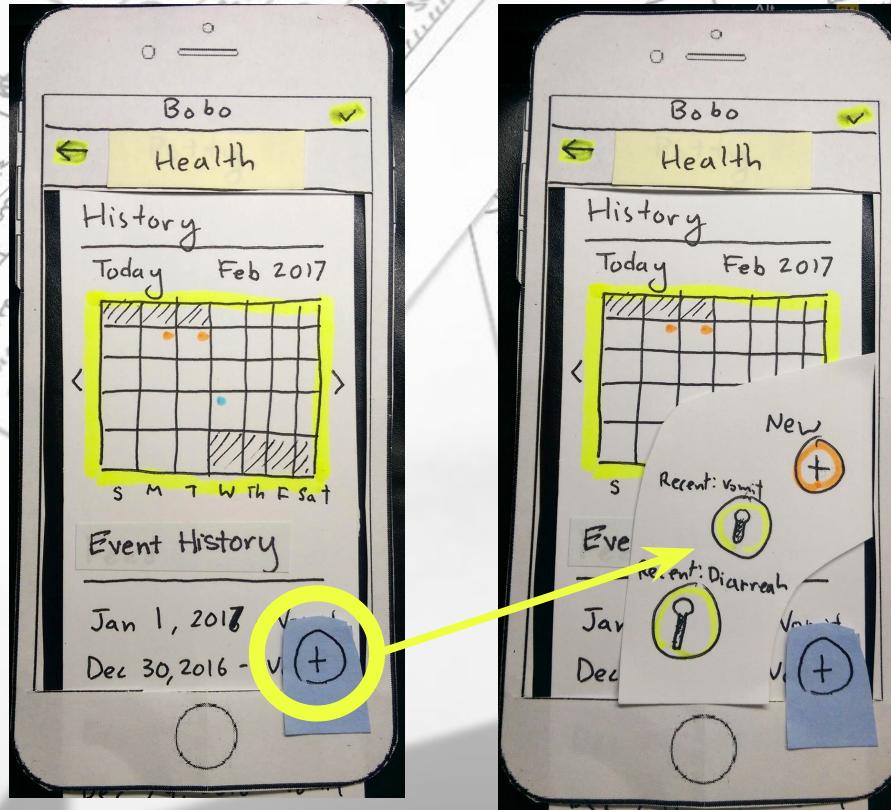
# Task 1: Potty Tracking



# Task 1: Potty Tracking



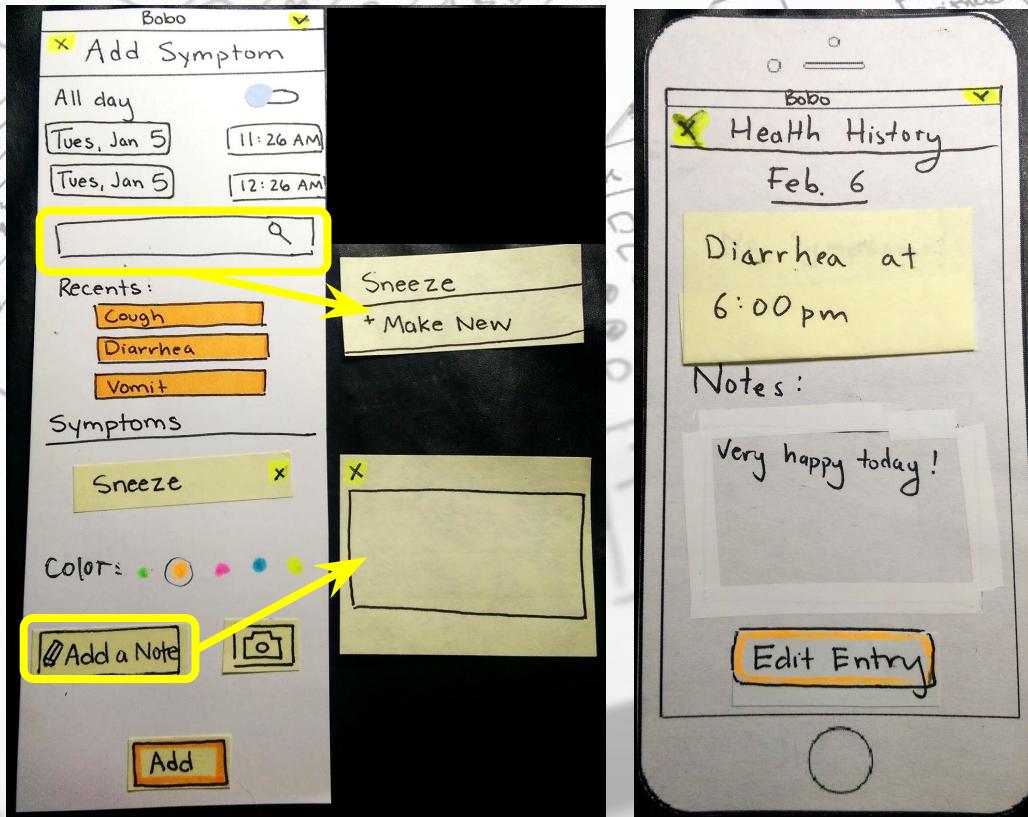
# Task 2: Health Tracking



PROCEED TO SUMMARY

After tapping to select cell if your selection is unavailable  
Vomit | Diarrhea

# Task 2: Health Tracking



# Digital Mockup





00 6940 Accordion Alert Box Arrow Button Button Bar Calendar Callout Chart: Bar Chart: Column

05 New Mockup 2

Screen: Bob Mockup 2 Screen: Bob Mockup 1

Bobo

Breed: Australian Shepherd

Age: 4 months





**Summary**

Last potty: 56 minutes ago

Approx. next potty: 2 hours

Current symptoms: none



Bobo

Breed: Australian Shepherd

Age: 4 months





**Summary**

Last potty: 56 minutes ago

Approx. next potty: 2 hours

Current symptoms: none



Potty



Health



Settings



**History**

Feb 7, 2017

⌚ 4:01PM - Poop

⌚ 8:30PM - Pee

⌚ 12:00PM - Poop

⌚ 12:00PM - Pee

⌚ 8:35AM - Pee

Feb 6, 2017

❤️ 6:00PM - Diarrhea

⌚ 8:00PM - Poop

⌚ 5:00PM - Poop

⌚ 1:20PM - Pee

⌚ 12:30PM - Pee

⌚ 9:00AM - Poop

Feb 5, 2017

⌚ 7:30PM - Pee

❤️ 4:40PM - Cough

⌚ 1:30PM - Poop

⌚ 1:30PM - Pee

⌚ 8:45AM - Poop

◀

More Versions ?

the '+' to create an alternate version of this mockup.

# Task 1: Potty Tracking

The image shows two side-by-side wireframe mockups of a mobile application interface for "Bobo".

**Left Mockup:** The background is light blue. It features a top navigation bar with a dropdown menu showing "Bobo". Below the menu are two bar charts: "Potty Frequency" and "Accidents". The "Potty Frequency" chart has four bars (white, grey, white, grey) with heights approximately 10, 20, 30, and 25 respectively. The "Accidents" chart has four bars (white, grey, white, grey) with heights approximately 10, 20, 30, and 25 respectively. Below the charts is a section titled "Event History" with a date "Feb 7, 2017". A list of events follows:

- ☺ 4:01PM - Poop
- ☺ 1:30PM - Pee
- ☹ 12:00PM - Poop
- ☺ 12:00PM - Pee
- ☺ 8:35AM - Pee

A blue circular icon with a white outline is highlighted with a yellow circle.

**Right Mockup:** The background is dark grey. It features the same top navigation bar and chart sections. The "Event History" section shows the same event list. A yellow arrow points from the blue circular icon in the left mockup to the "☹" icon in the right mockup. To the right of the "☹" icon is a yellow square with a smiley face and the word "Intended".

New Mockup 2

Notes

Click here to edit notes.

Alternate Versions ?

Click the '+' to create an alternate version of this mockup.



Bobo

Add Potty

Tues, Jan 5 11:26 AM

Pee  Poop

Accident

Add

Bobo

Add Potty

Tues, Jan 5 11:26 AM

Summary

Intended pee added for Jan 5 at 11:26am.

Done

New Mockup 2

Notes

Click here to edit notes.

Alternate Versions ?

Click the '+' to create an alternate version of this mockup.

# Task 1: Potty Tracking

00 6940 Accordion Alert Box Arrow Button Calendar Callout Chart: Bar Chart: Column

05 Screen: Bob Mockup 2 Screen: Bob Mockup 1

New Mockup 2 Notes Click here to edit notes.

Alternate Versions ? Click the '+' to create an alternate version of this mockup.

**Potty Frequency**

Category	Value
1	4
2	4
3	4
4	4

Weekly ▾

**Accident Frequency**

Time Period	Light Gray (Squares)	Dark Gray (Circles)
1	1	1
2	2	2
3	3	3
4	4	4

Monthly ▾

# Task 2: Health Tracking

The image shows a wireframe interface for a mobile application, likely created in a tool like Sketch or Figma. The interface consists of three main screens:

- Health Screen:** Displays a calendar for February 2017 and an "Event History" section. The event history includes entries for Feb 6, 2017 (6:00PM - Diarrhea) and Feb 5, 2017 (4:40PM - Cough). A blue circular icon with a heart is at the bottom.
- Event History Screen:** Shows a list of events: Feb 6, 2017 (6:00PM - Diarrhea), Feb 5, 2017 (4:40PM - Cough), Jan 1, 2017 (All day - Vomit), Dec 30, 2016 (2:30AM - Vomit), Dec 25, 2016 (4:50PM - Cough). Below the list are icons for Diarrhea (orange circle with a clock), Cough (yellow circle with a clock), and a heart.
- Add Symptom Screen:** A form for adding new symptoms. It includes fields for "All day" (with a switch), dates (Tuesday, Jan 5 and Wednesday, Jan 5), times (11:26 AM and 12:26 PM), a search bar, a recent symptoms list (Cough, Vomit, Diarrhea), and a "Symptoms" section with an "Add Note" button. A note says "none!" and there are color swatches. A large yellow arrow points from the Event History screen to this screen.

The interface is styled with a clean, modern look with light gray backgrounds and blue UI elements. The calendar is a standard grid with days of the week labeled S through S. The event history and add forms are clearly organized with sections and input fields.

# Task 2: Health Tracking

The image shows three wireframe screens for a mobile application:

- Add Symptom Screen:** A user has added a "Sneeze" entry from Jan 5 at 11:26 AM to 12:26 PM. The screen includes fields for date and time, a summary message, and a note about snot. A yellow arrow points to the "Add" button at the bottom.
- Edit Symptom Screen:** A user is deleting a "Diarrhea" entry from Feb 6 at 6:00 PM to 6:05 PM. An alert asks if they want to delete it. A yellow arrow points to the "Delete" button at the bottom.
- Health History Screen:** Shows a history entry for Feb 6 with a note about diarrhea. It includes sections for Symptoms, Notes, and Photos.

New Mockup 2



# Summary

- 🐾 Explain usability testing well
- 🐾 Highlight buttons on paper
- 🐾 Create alternate paths
- 🐾 Organize your prototype
- 🐾 Use the CSE supply room!



**Thank you!  
Questions?**