



WalkMate

Dan Tran • Adelaide Chung • Alia Paddock • Quyen Truong



The Problem

- ▶ Around 77.5 million Owned Dogs in the United States
- ▶ Professional Dog Walkers Walk Unfamiliar Dog
- ▶ Unique Challenges:
 - ▶ Have to Keep Track of Dog's Unknown Behavior
 - ▶ Have to Walk in Potentially Unfamiliar Paths
 - ▶ Don't Know the Dog's Health and Capabilities



Tasks

01

Health
Tracking

02

Map
Finding

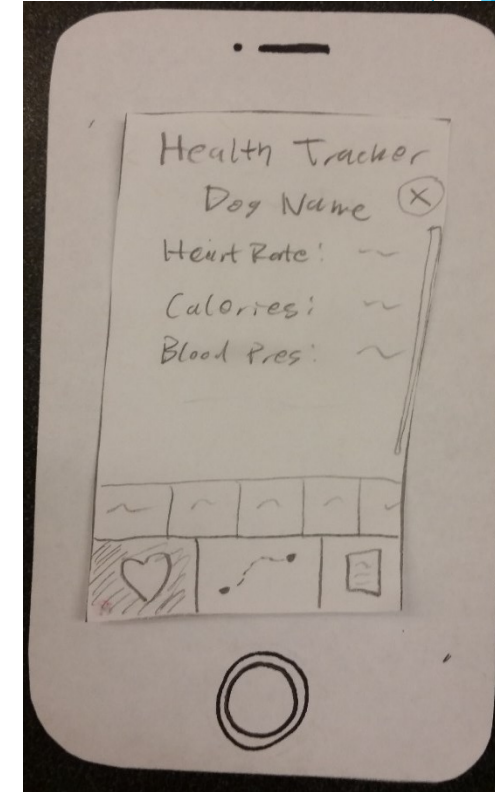
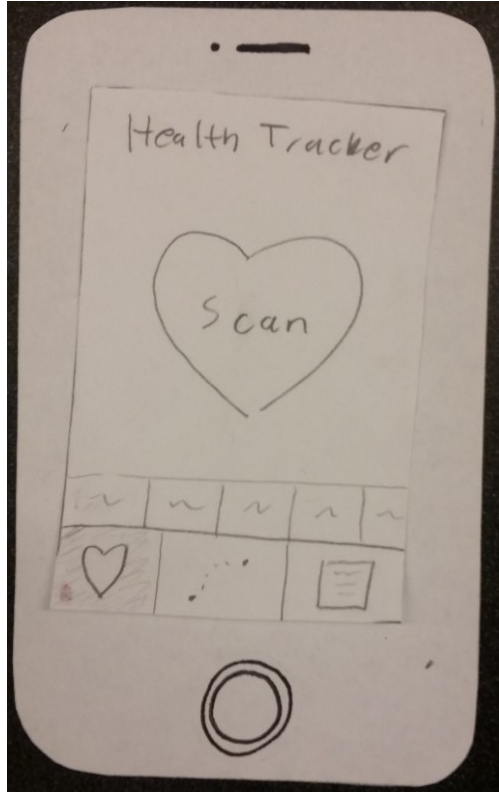
03

Note
Taking

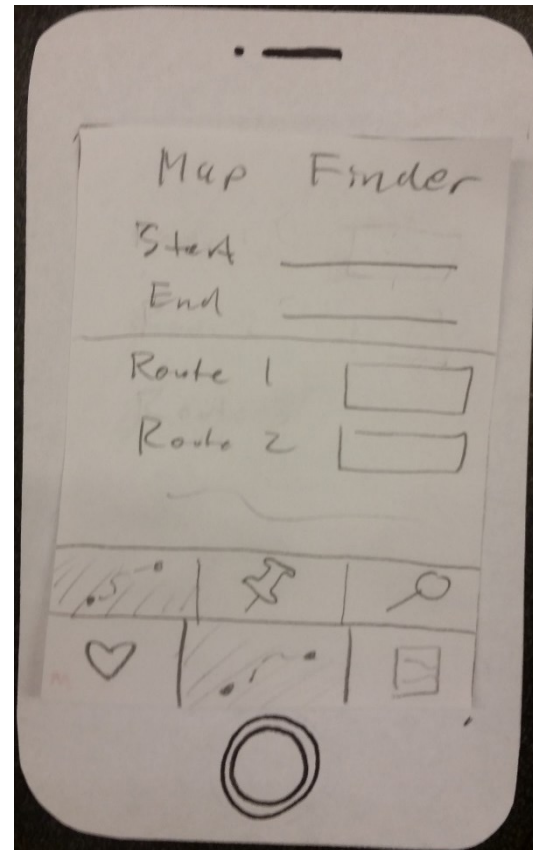
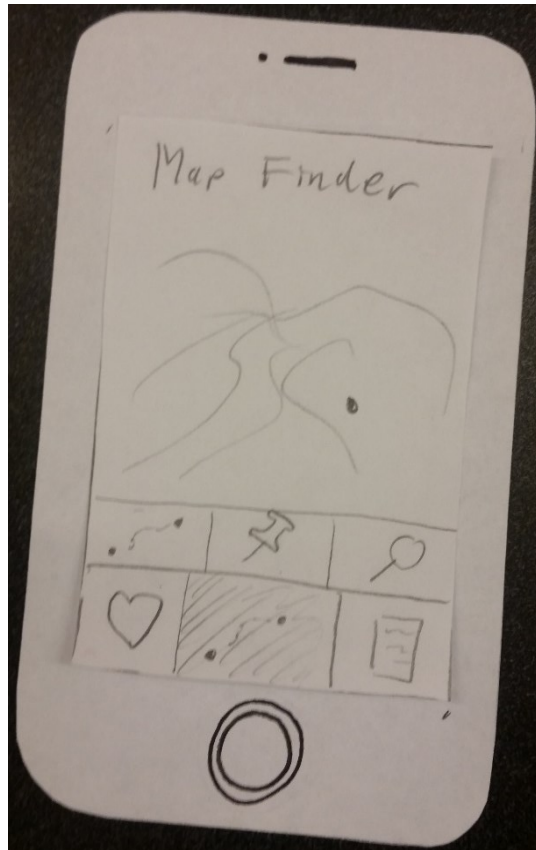
Initial Paper Prototype



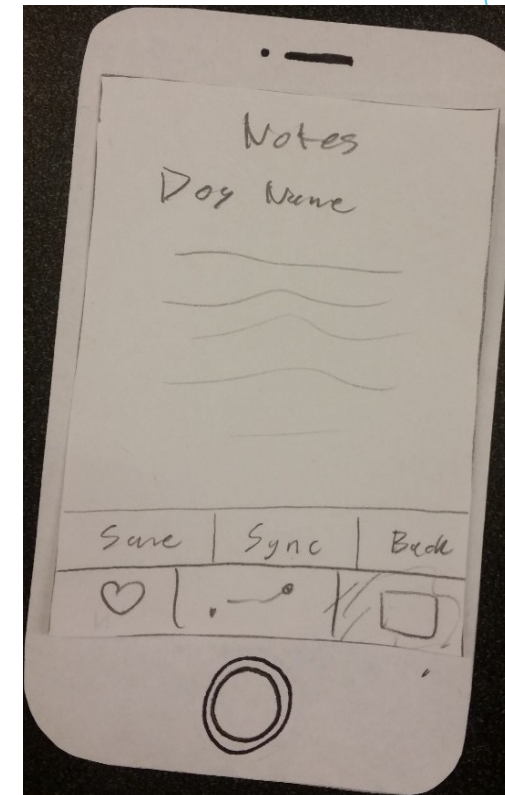
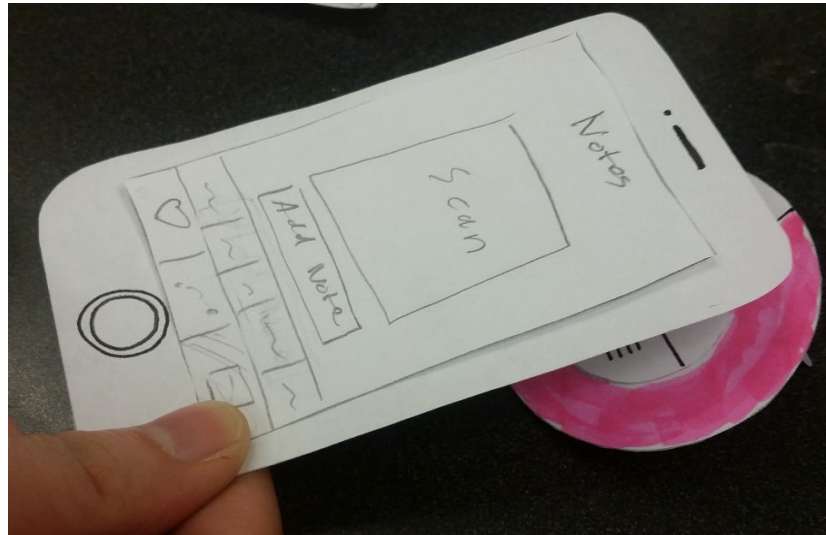
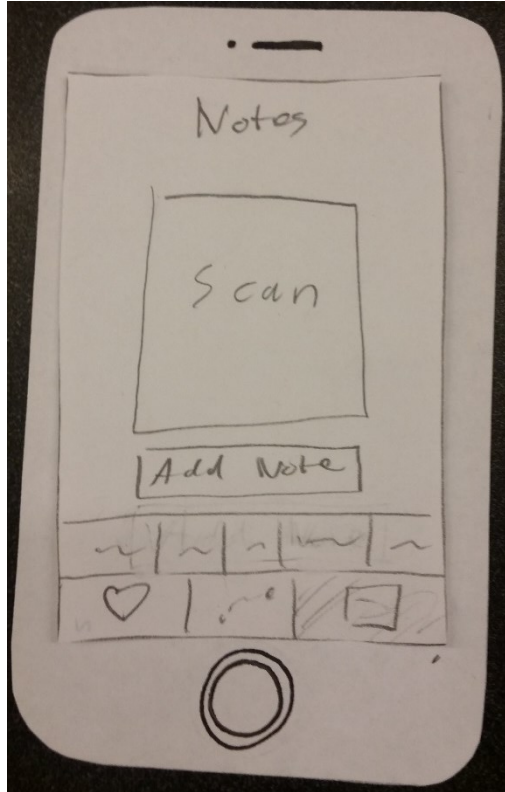
Initial Paper Prototype: Health Tracking



Initial Paper Prototype: Map Finding



Initial Paper Prototype: Note Taking





Testing Process

2 Heuristic Evaluations, 3 Usability Tests

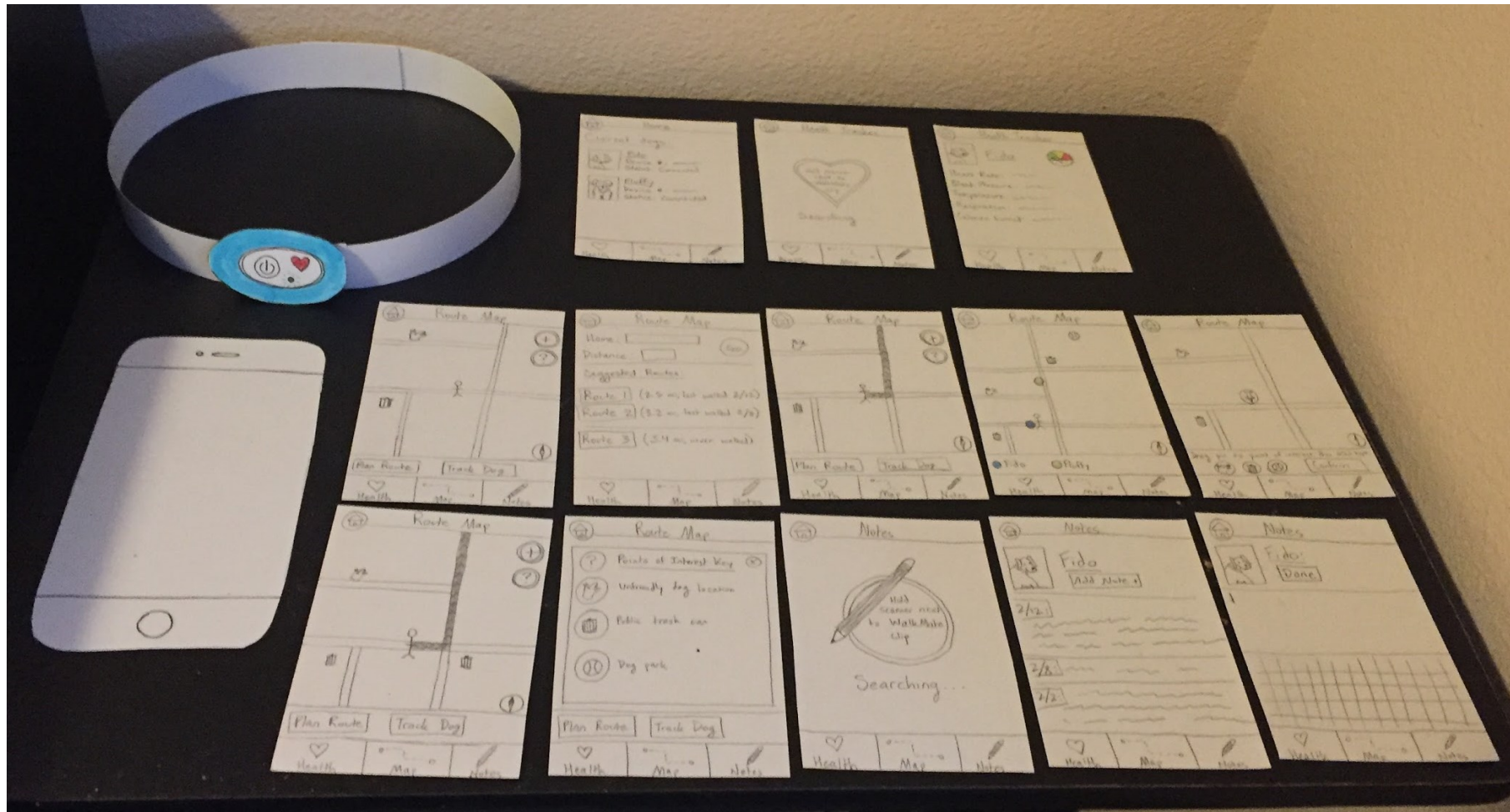


Testing Result

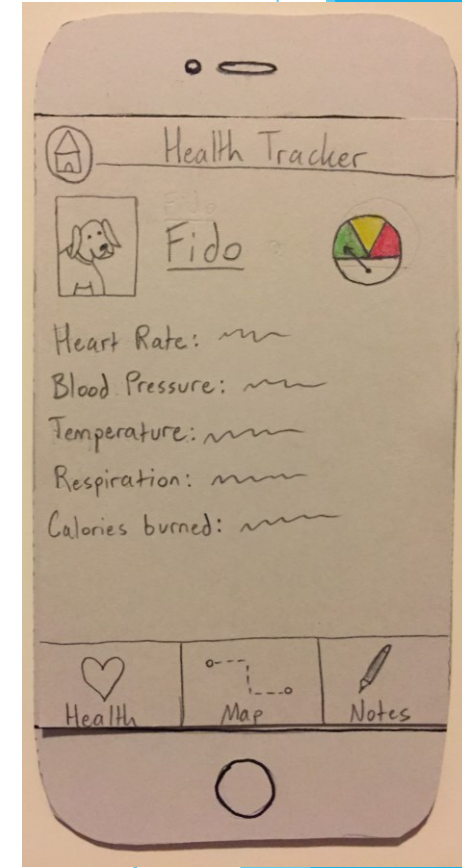
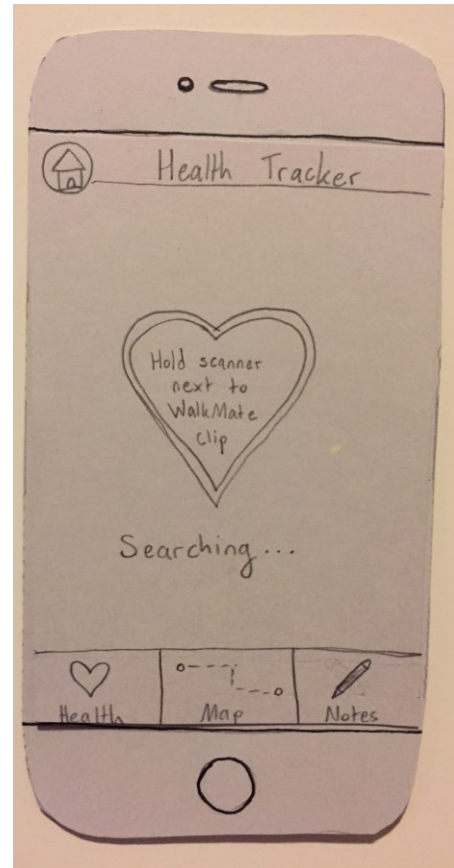
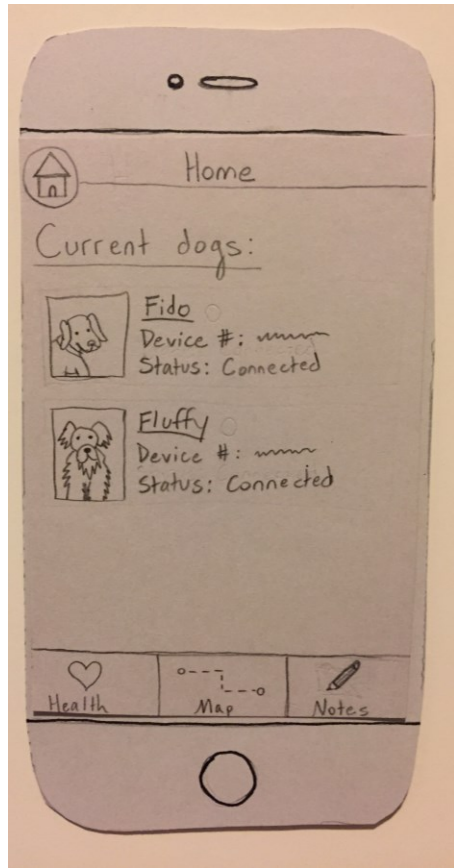
- ▶ Heuristic Evaluation
 - ▶ Note Taking Functionality Confusing
 - ▶ Unclear What to do on Scan Pages
- ▶ Usability Test
 - ▶ Map Interface Unfamiliar unlike Google Maps
 - ▶ Note Taking Behavior Inconsistent with Health Tracker



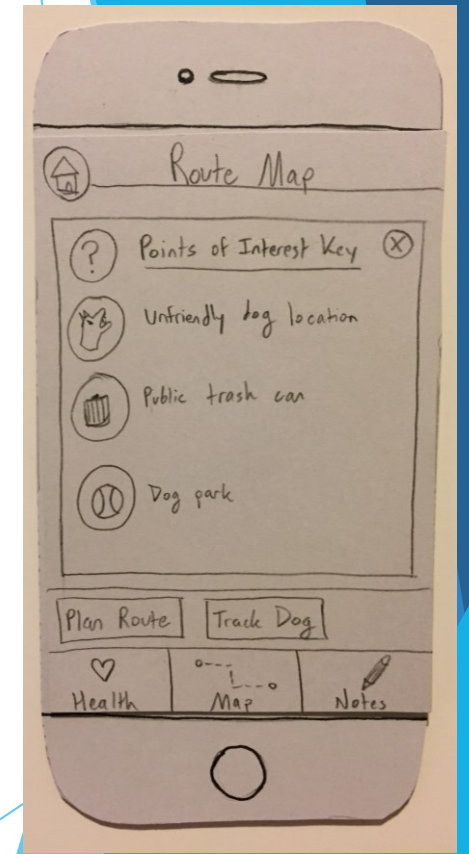
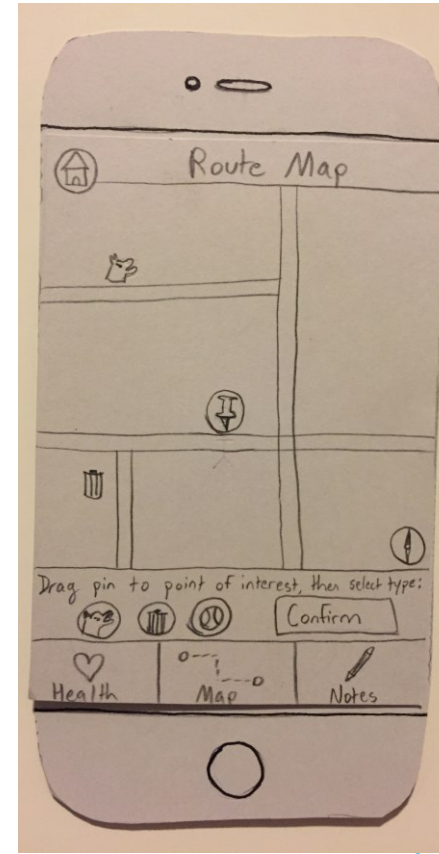
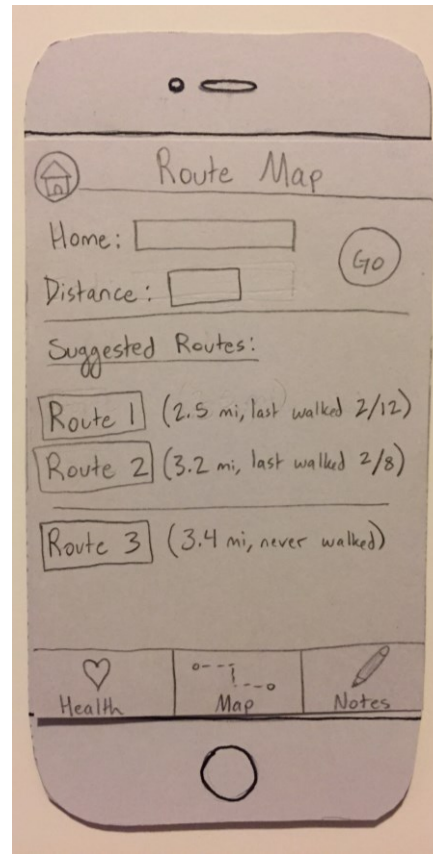
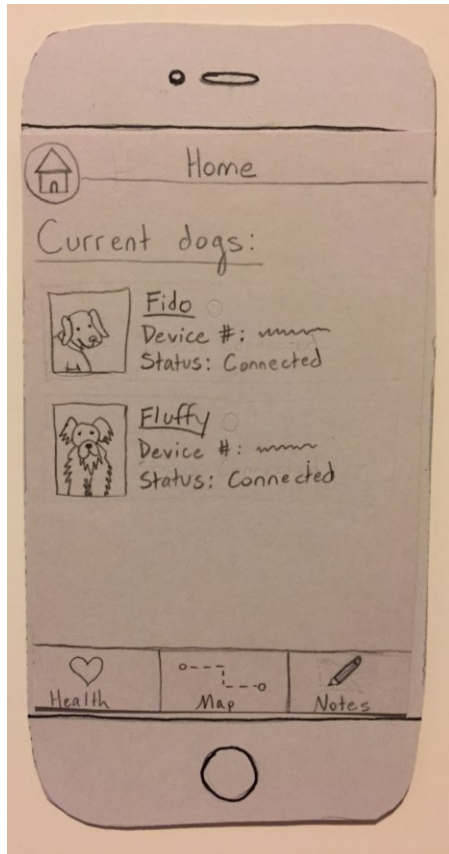
Final Paper Prototype



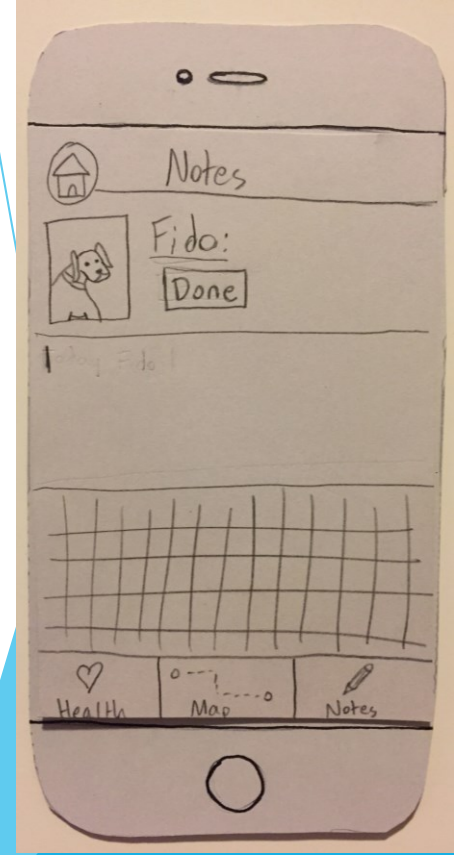
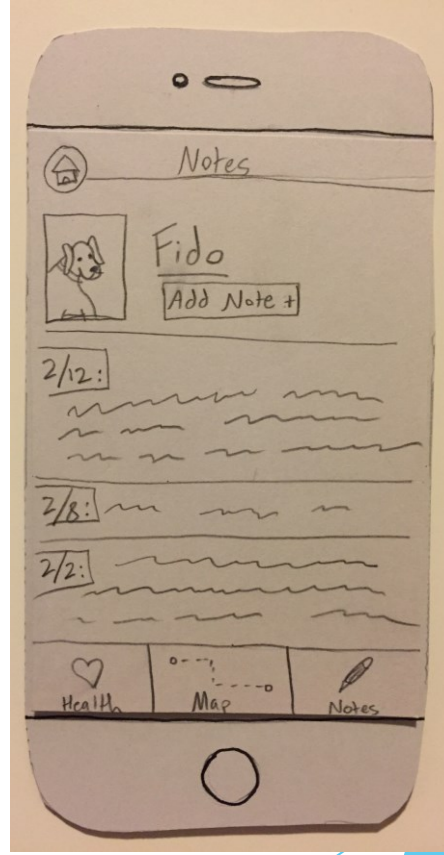
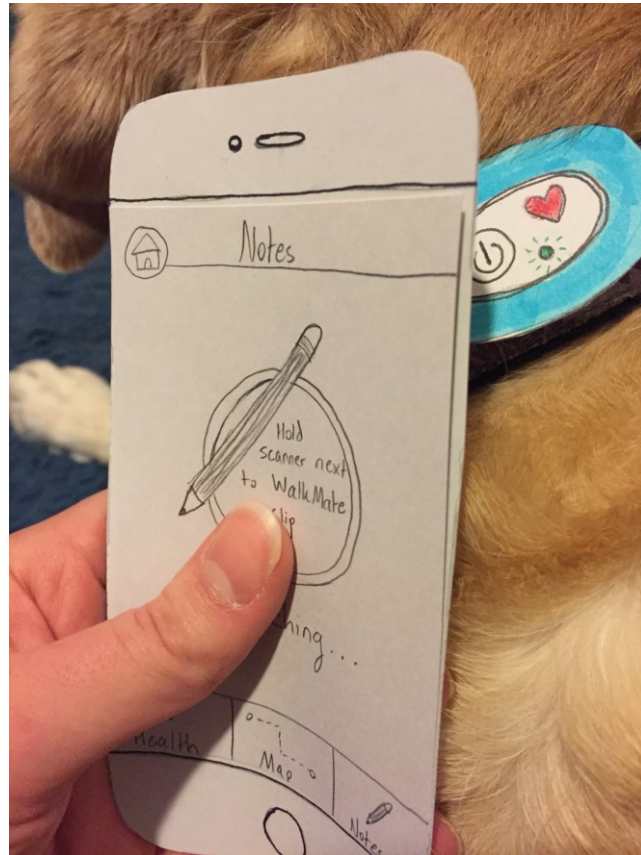
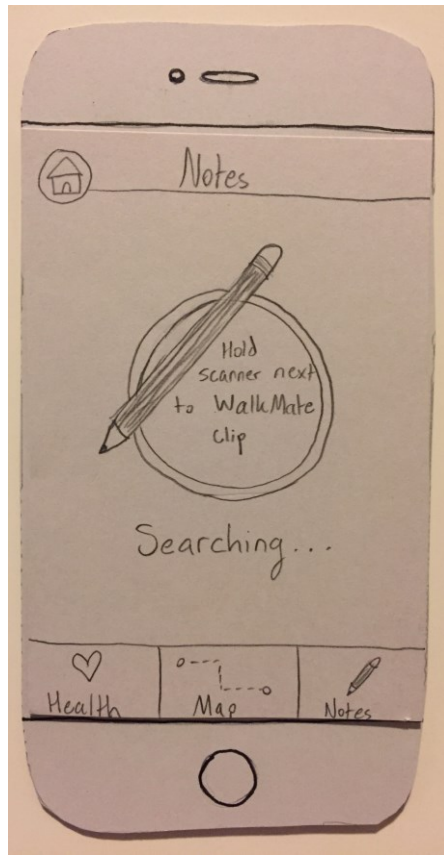
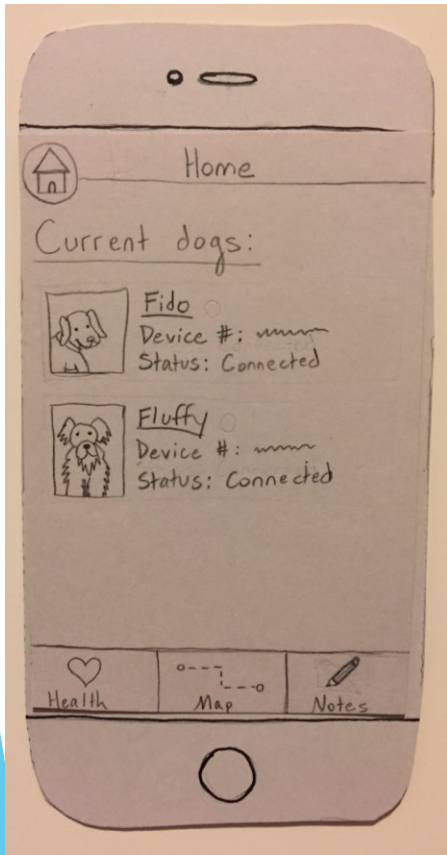
Final Paper Prototype: Health Tracking



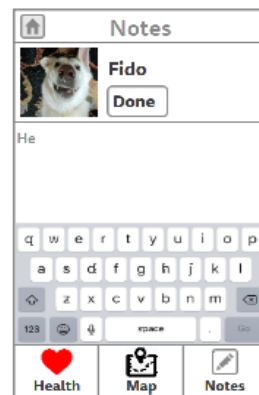
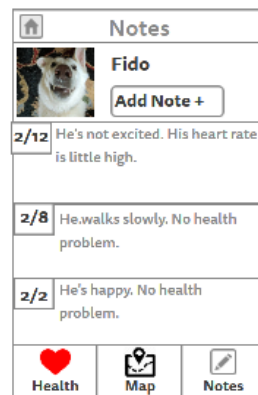
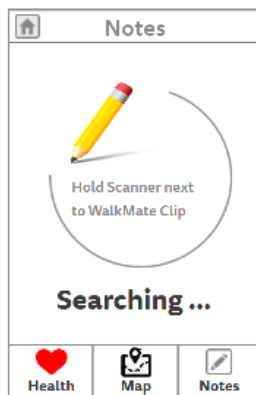
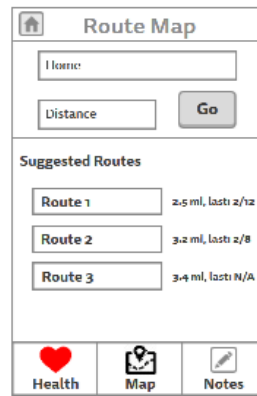
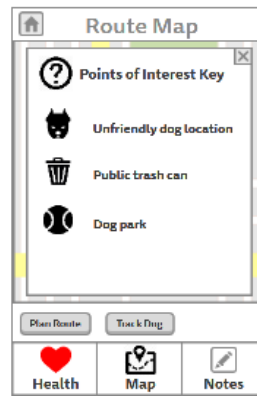
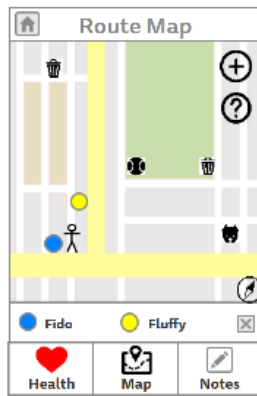
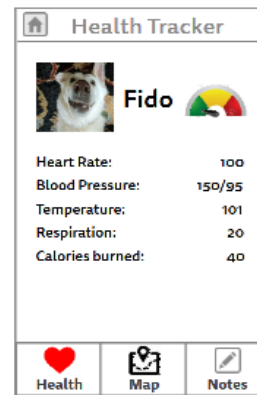
Final Paper Prototype: Map Finding



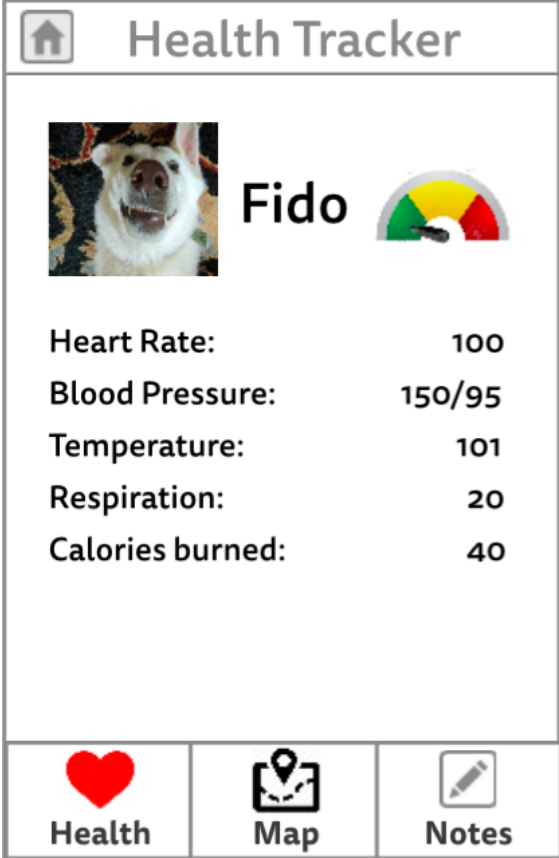
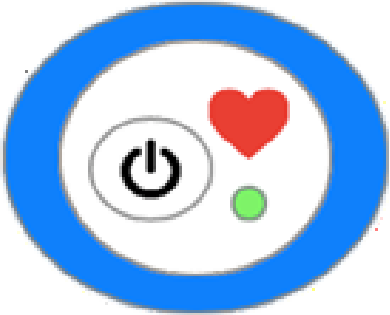
Final Paper Prototype: Note Taking



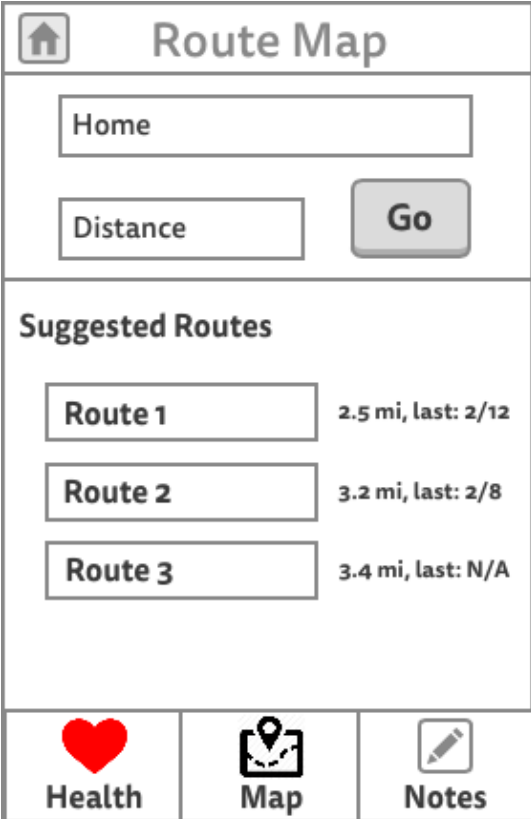
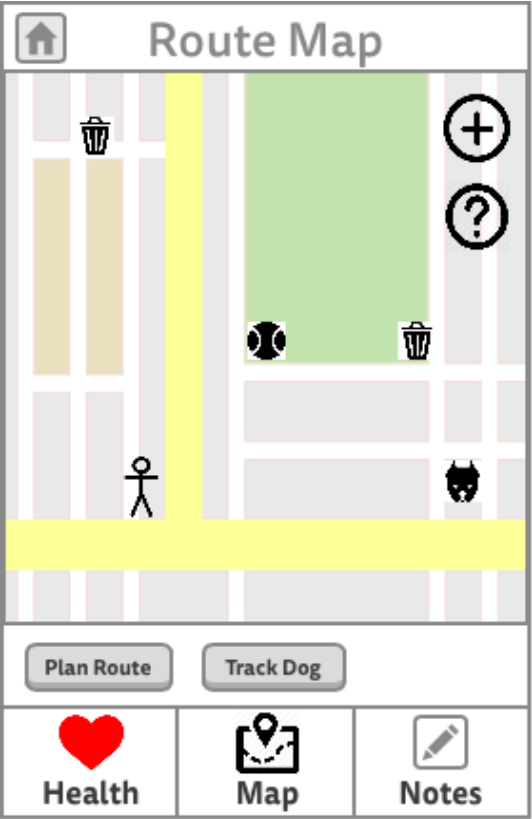
Digital Mockup



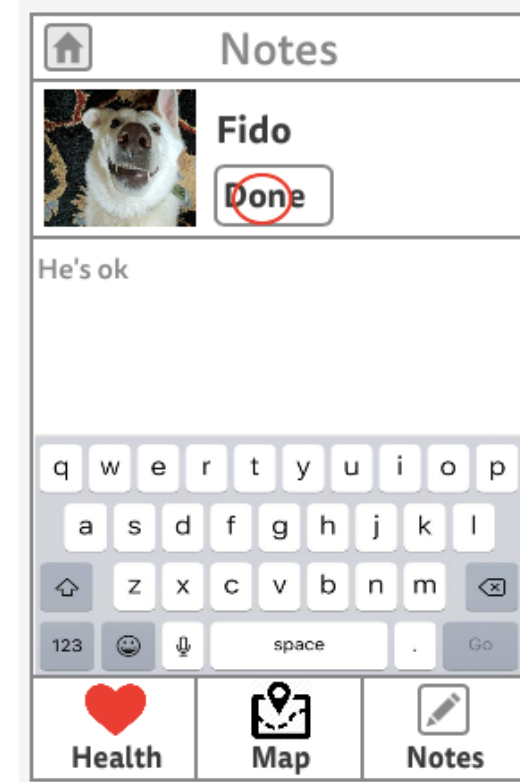
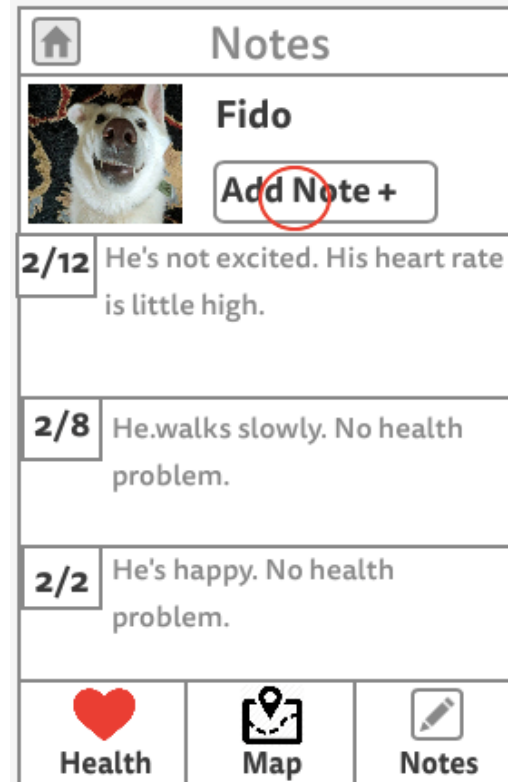
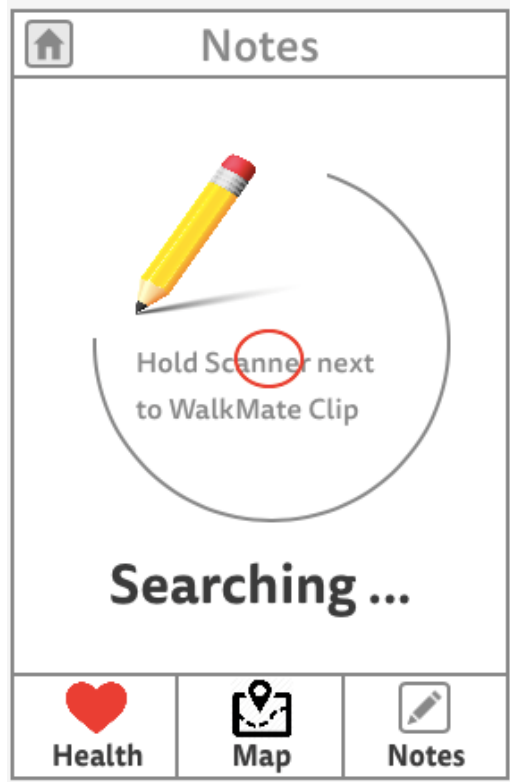
Digital Mockup: Health Tracking



Digital Mockup: Map Finding



Digital Mockup: Note Taking



Summary



Summary

- ▶ Input from Target Group Necessary and Invaluable
- ▶ Quantity of Designs Allow a Better Design
- ▶ Usability Testing Revealed Shortfalls in our Design





Thanks for Listening!