

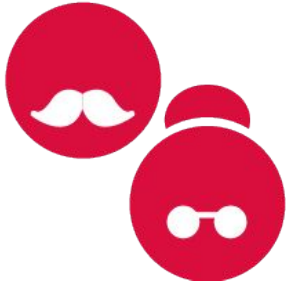
Useense

High-Fi Prototyping

A Growing Problem



Our Mission



Simple

Usense empowers personal care between distant family members.



Intuitive

A Usense watch tracks your loved one's health and location, and you can monitor both with your smartphone.



Safe

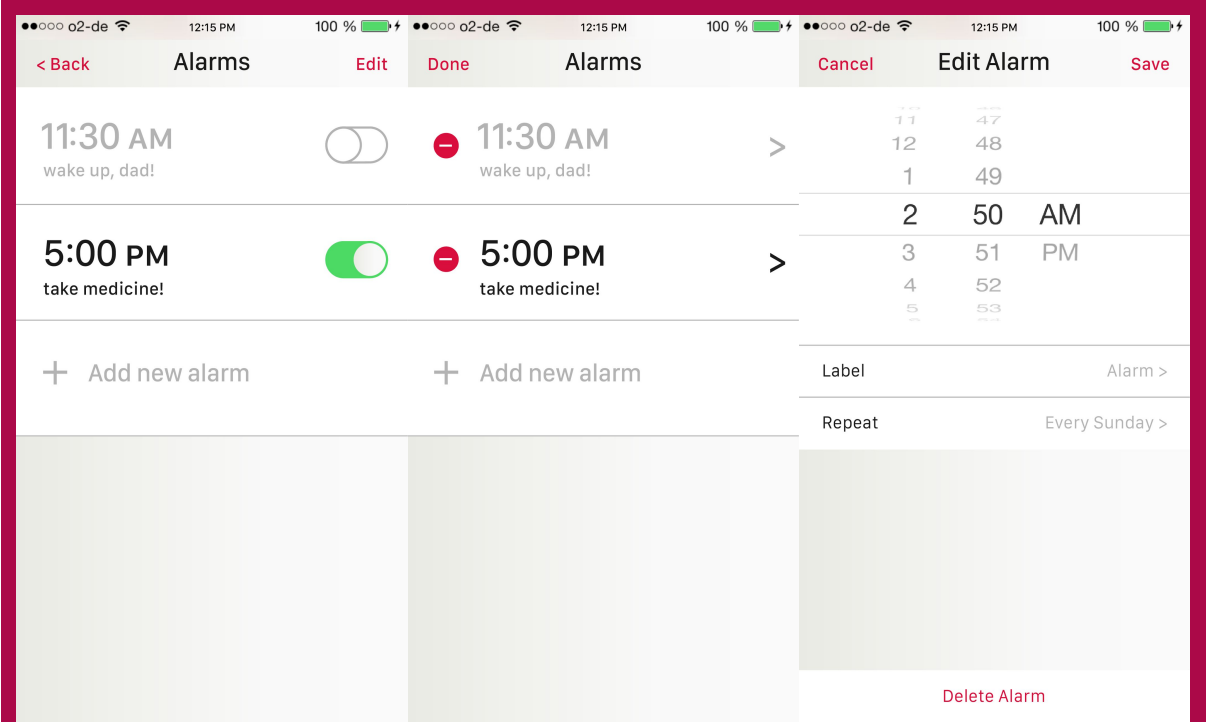
Your loved ones can contact emergency services with the push of a button, and we alert you instantly when they do.

Hi-Fi Prototype

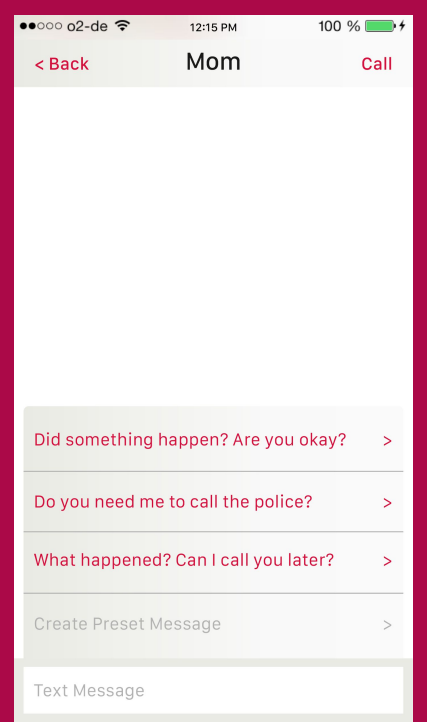
Heuristic Evaluation + Fixes

Functionalities implemented!

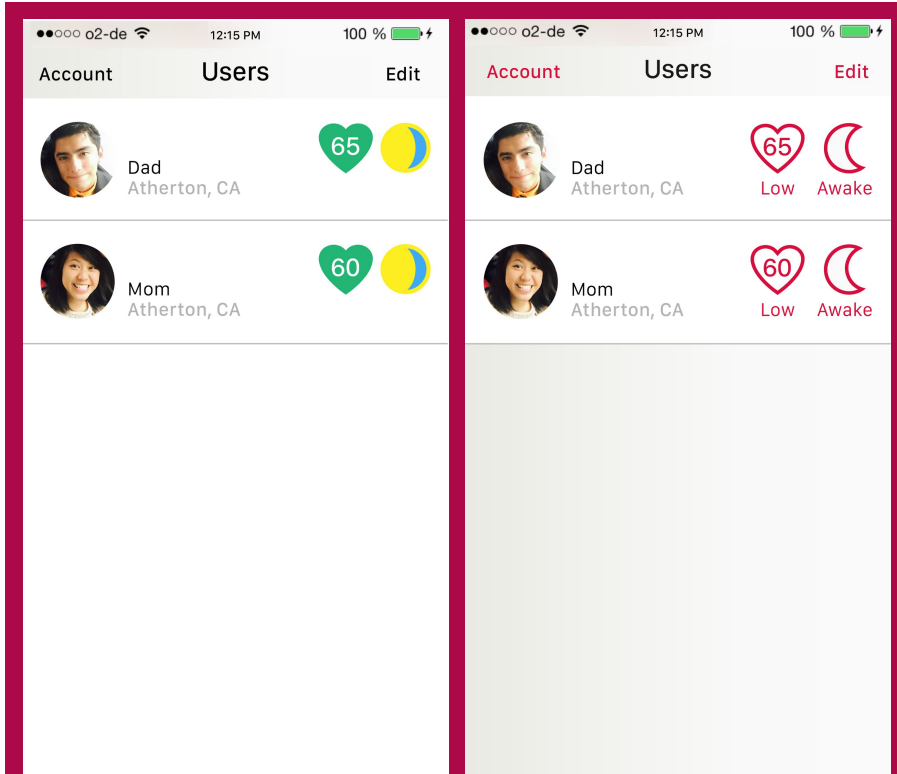
Edit and Add Alarms



Preset Messages



Style Redesigns



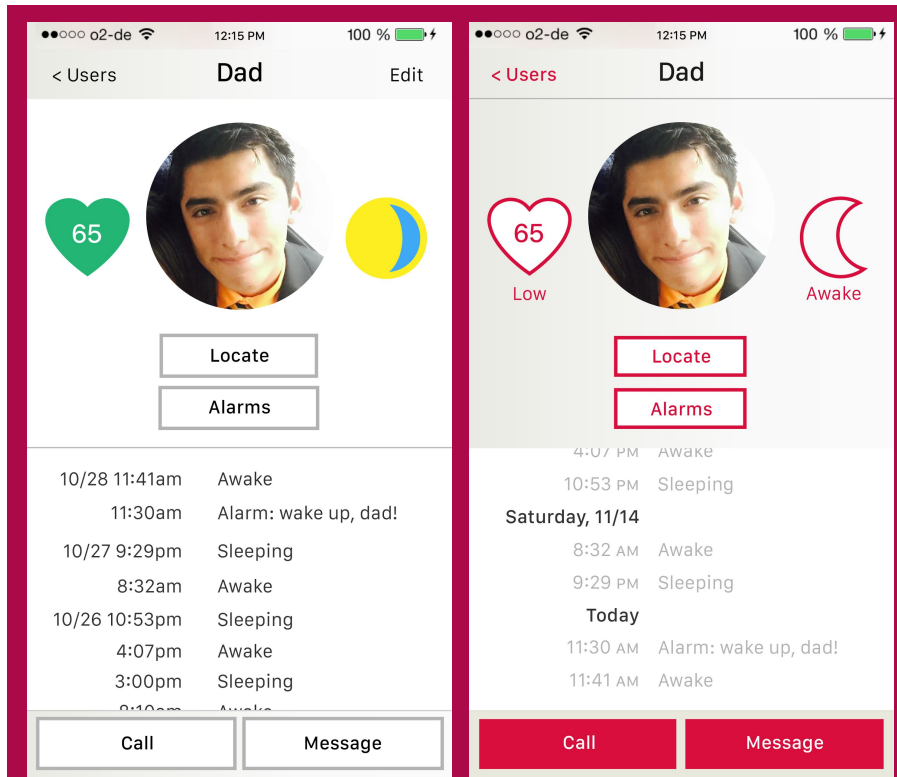
Problem: Clashing Colors



Solution: Established Brand Colors



Style Redesigns

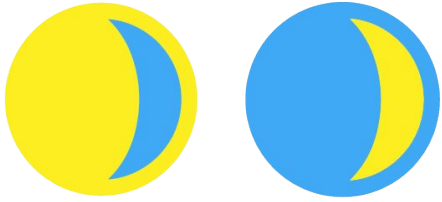


Problem: Button Hierarchy Conflict

Solution: Redesigned Buttons

- Health-checking buttons
- Action buttons

Icon Redesigns



Problem: Look like toggles



Solution: Switch to labels

Icon Redesigns



Problem: Arbitrary color key



Solution: Values denote healthy bpm

Readability Redesigns

Problem: Confusing read

10/28 11:41am Awake
11:30am Alarm: wake up, dad!
10/27 9:29pm Sleeping
8:32am Awake
10/26 10:53pm Sleeping
4:07pm Awake
3:00pm Sleeping
8:10am Awake

Call

Message

Solution:

- rearranged chronological order
- added **“Today”**

4:07 PM Awake

10:53 PM Sleeping

Saturday, 11/14

8:32 AM Awake

9:29 PM Sleeping

Today

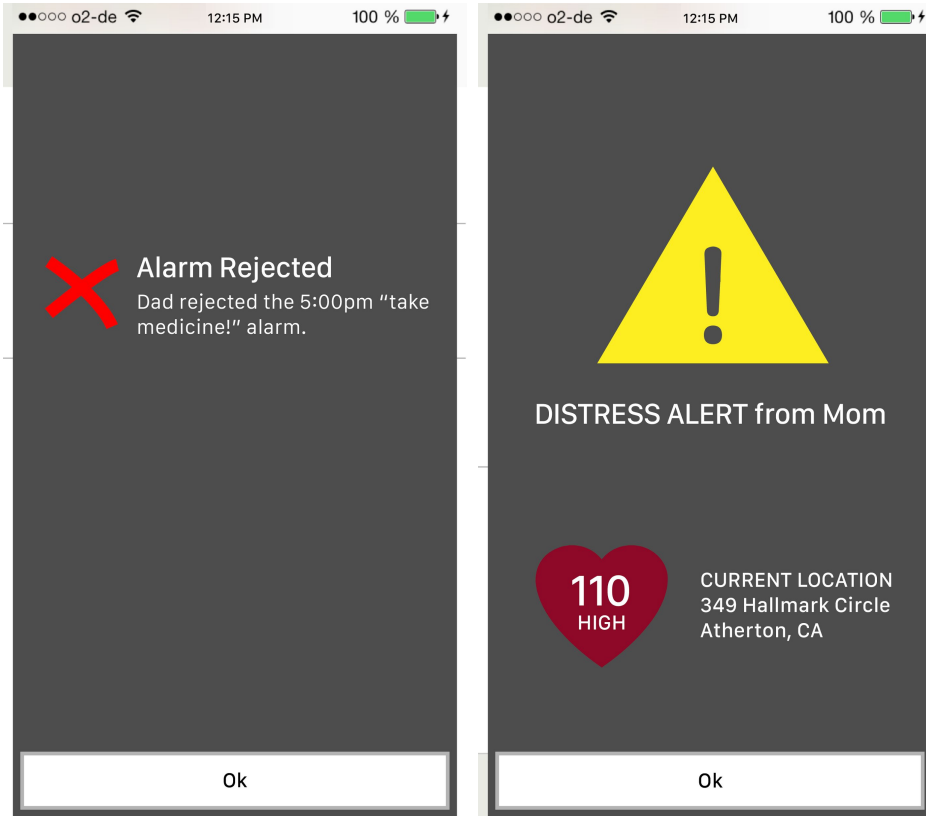
11:30 AM Alarm: wake up, dad!

11:41 AM Awake

Call

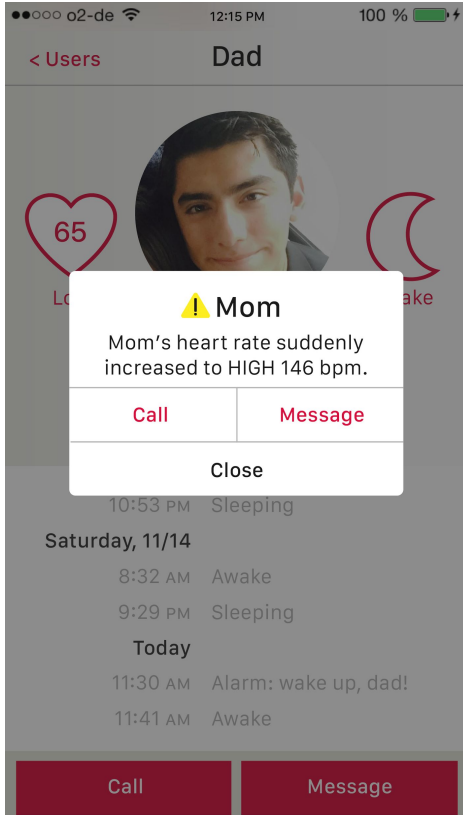
Message

Notifications Redesign



Problem:
Inconsistent Formatting

Notifications Redesign



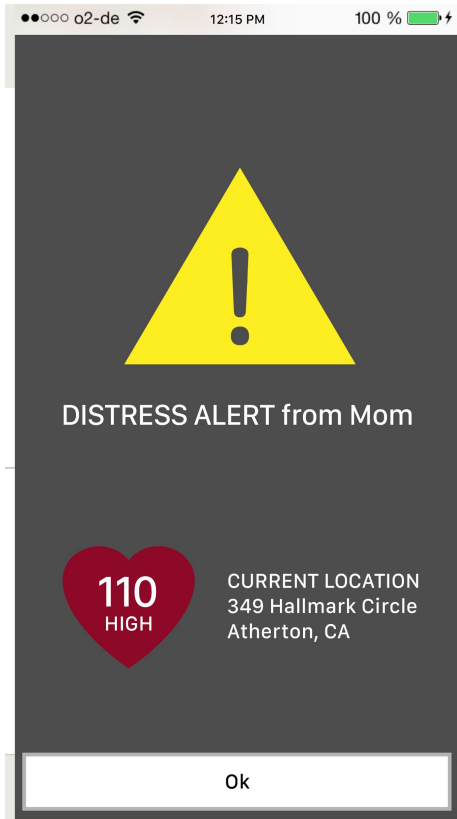
Problem:

Inconsistent Formatting

Solution:

Standardized iOS style with mini icon, title, and text

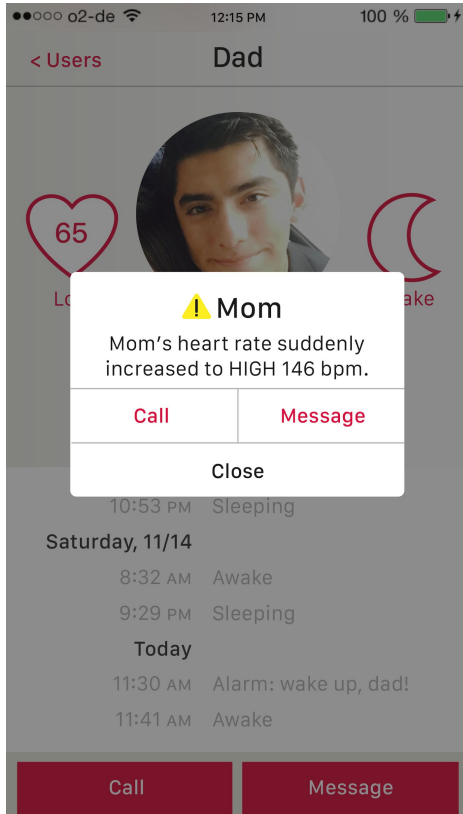
Notifications Redesign



Problem: 1 option

Tapping the “Ok” led to where the user left off, instead of to Mom’s profile

Notifications Redesign



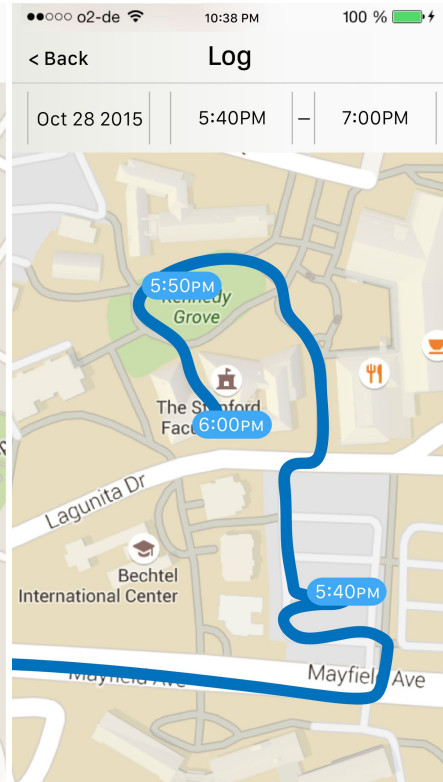
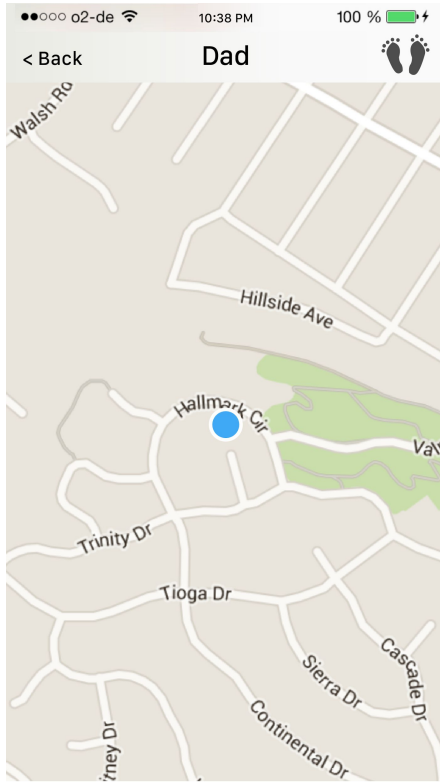
Problem: 1 option

Tapping the “Ok” led to where the user left off, instead of to Mom’s profile

Solution: 3 options

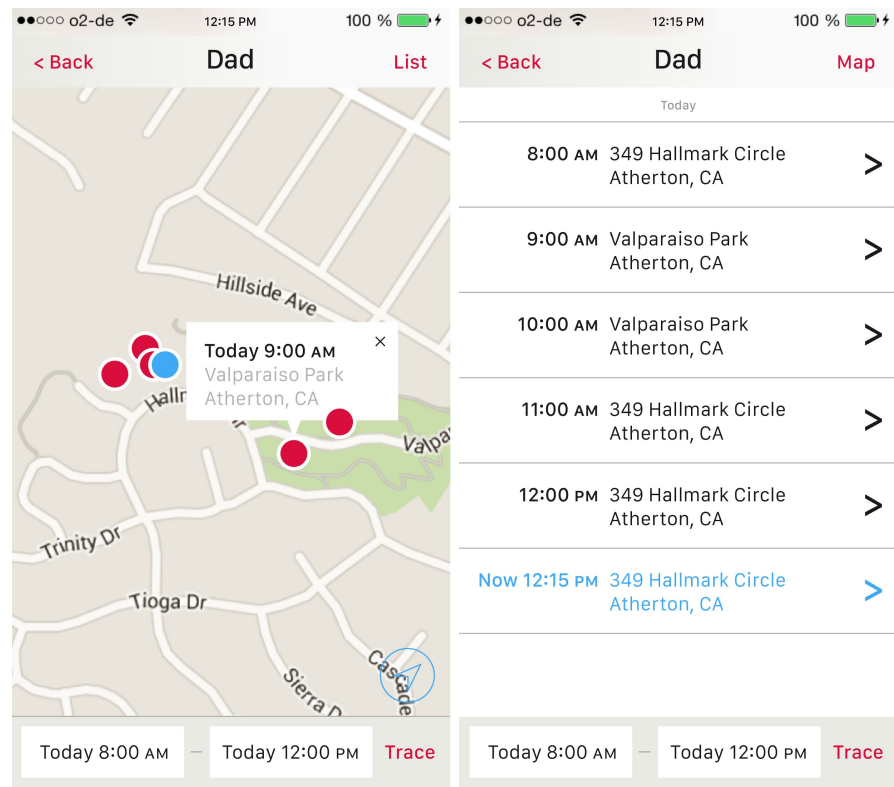
- call
- message
- close

Maps *Complete* Redesign



Maps *Complete* Redesign

- Combined current location and history into a single screen
- Tap points to find exact address
- Toggle between map and list view

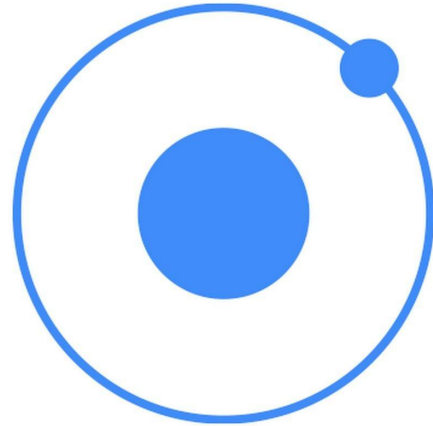


Hi-Fi Prototype
Midway Report

iPhone Application Tools

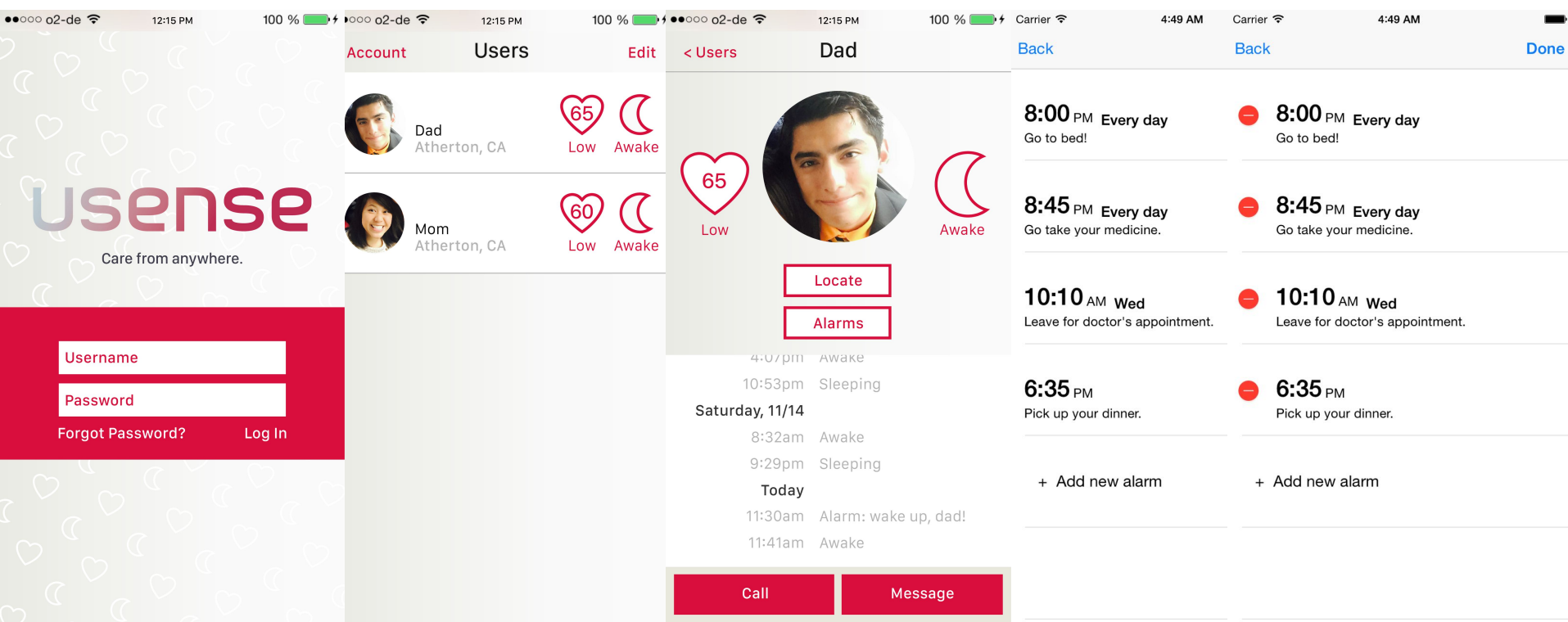


Xcode



ionic

Current Implementation: Log in, Profiles, Alarms



Plan for Finishing

Wizard of Oz

- health alerts
- emergency alerts

Hard-coded

- Dad's profile, Mom's profile
- their alarms, health logs, and maps

Hi-Fi Prototype
Demonstration