



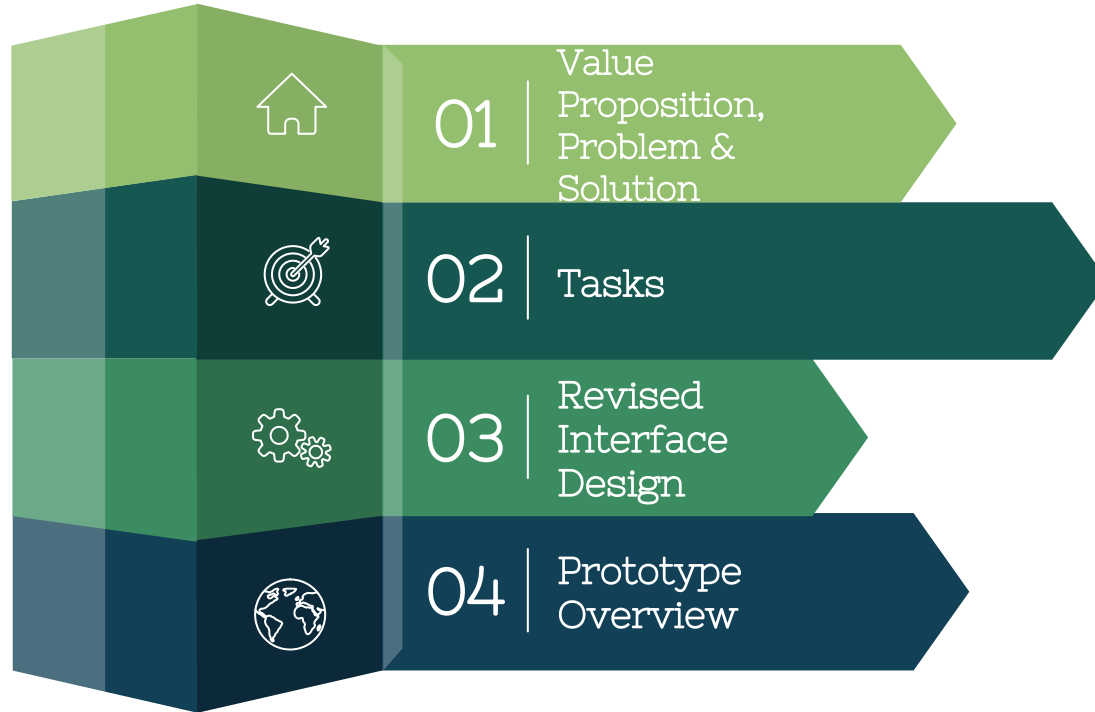
Medium-Fi Prototype

Studio: Home 9:30 Section

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OVERVIEW



1. Value Proposition, Problem and Solution



Start *every* day
on a high note

Many people in today's world have a busy and charismatic work life while their home life is dull and lazy. How can we spice up their home life and make their home lively?

Vesta is a voice controlled intelligent audio assistant for your smartwatch that motivates you using music.

Why not add background music to your life?

2. Tasks

Simple Task:
Set an alarm for an event with a joint voice-screen interface.

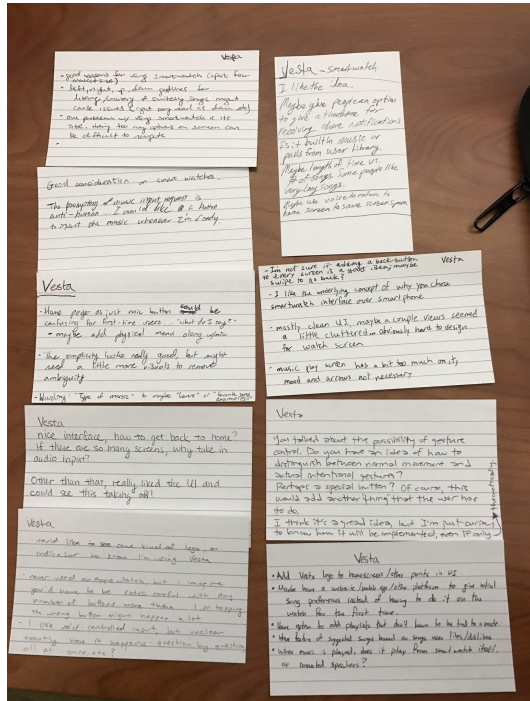
Medium Task:
Get notified to do chores. Play customized music and monitor resource usage for that task.

Complex Task:
Customize music based on mood, then listen to that music.

3. Revised Interface Design



CA, Class, User Testing Feedback for Low-Fi Prototype

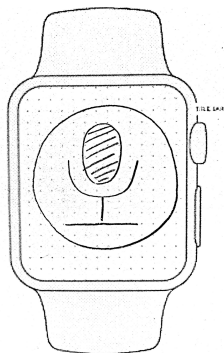


- Indication of editable fields
- How to go to music player?
- Placement of buttons
- Add playlist/import playlist
- Add Listening screen
- Logo on home screen
- Page for update preferences
- Home screen - what to do?
- Motivational audio for chores
- Back button
- Visual cue for inputting global music preferences
- Complete task flow for customizing music

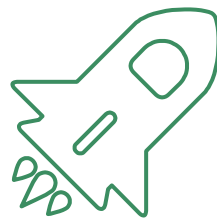


Revisions

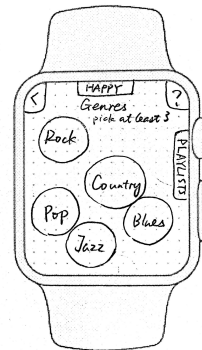
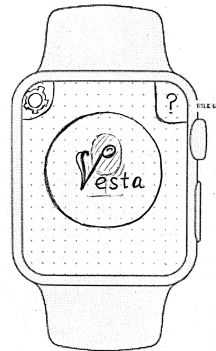
Old Sketch



- Who are you?
- What do I do now?
- What should I speak?
- How to set my global music preferences?



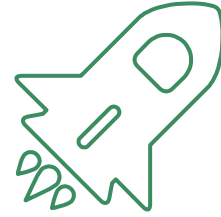
New Sketch



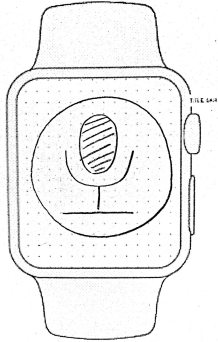
- Added the Vesta logo
- Help button on all screens to help navigate that screen
- Added Back button on every screen



Revisions

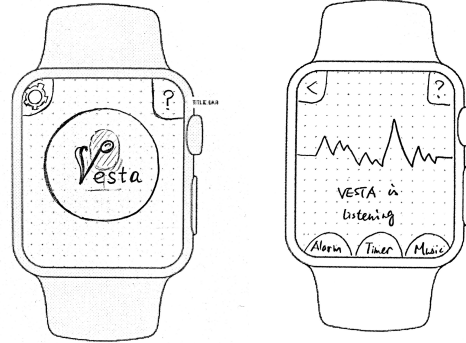


Old Sketch



- Are you listening?
- I am in a class, I can't speak out loud. How do I set my alarm?

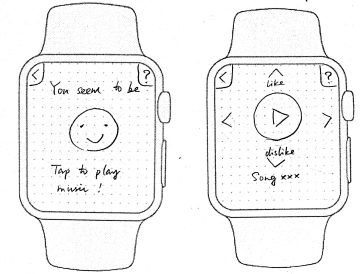
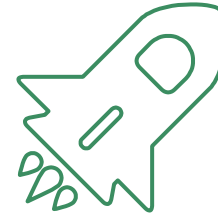
New Sketch



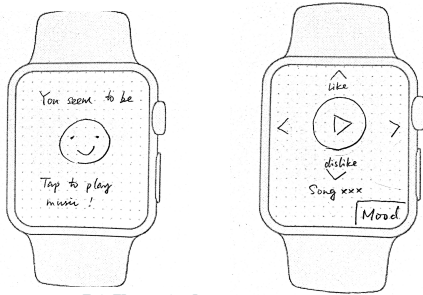
- Listening screen with UI buttons for different tasks



Revisions



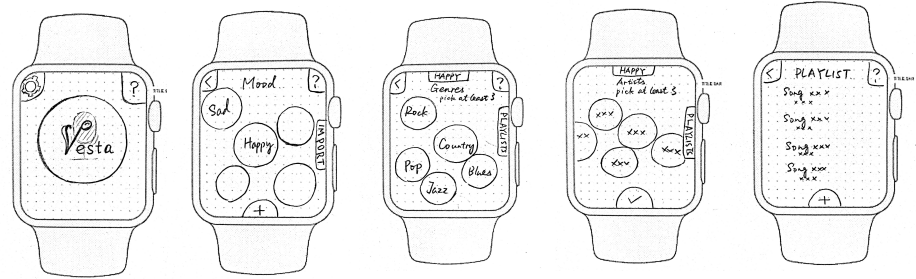
Old Sketch



- What happens when I click mood?
- How to customize my preferences and playlists within mood?
- How to import from my spotify account?



New Sketch

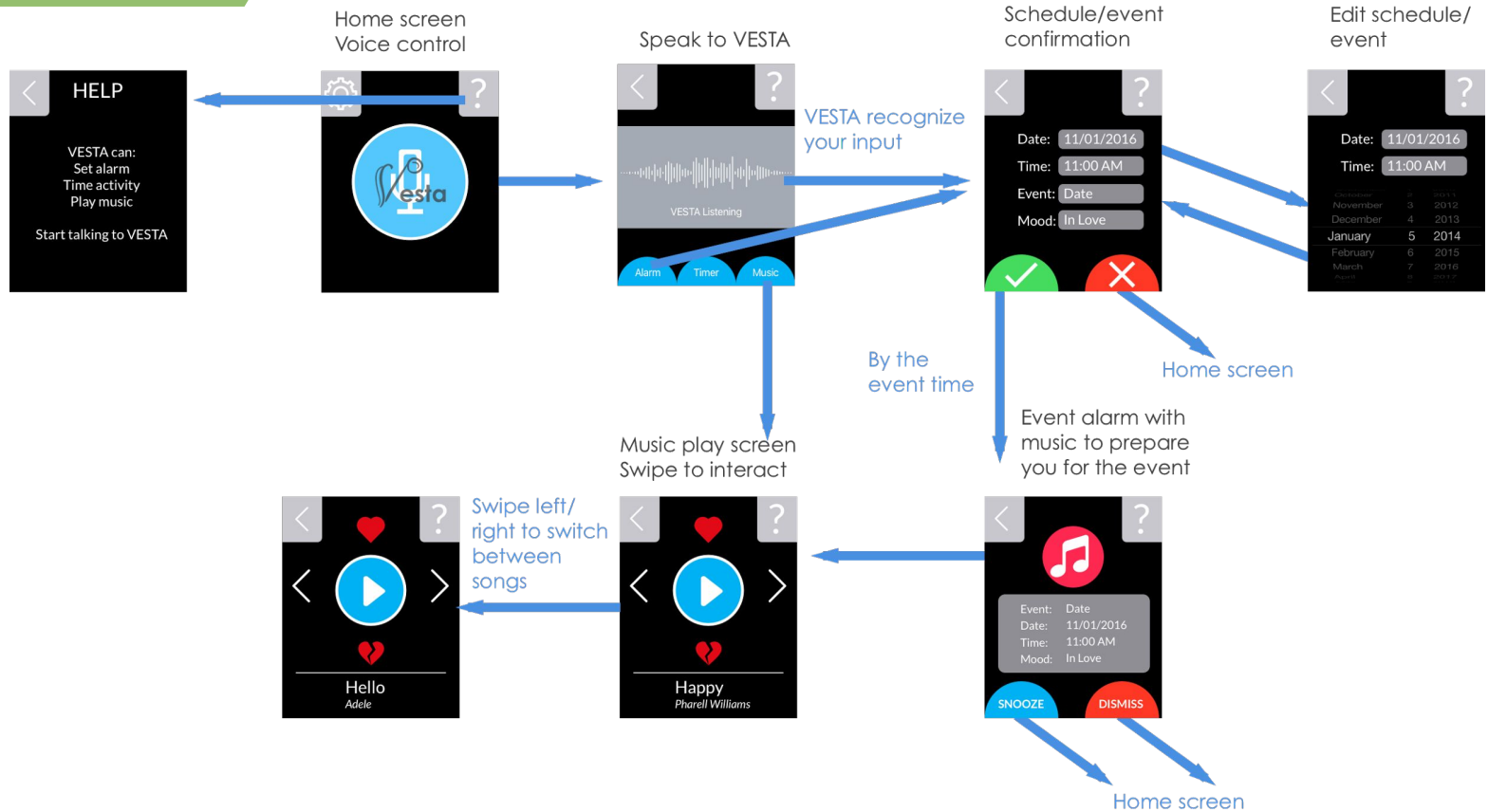


- Preferences on Home screen to set music preferences
- Complete Taskflow for customizing music
- Less cluttered and simple music player screen

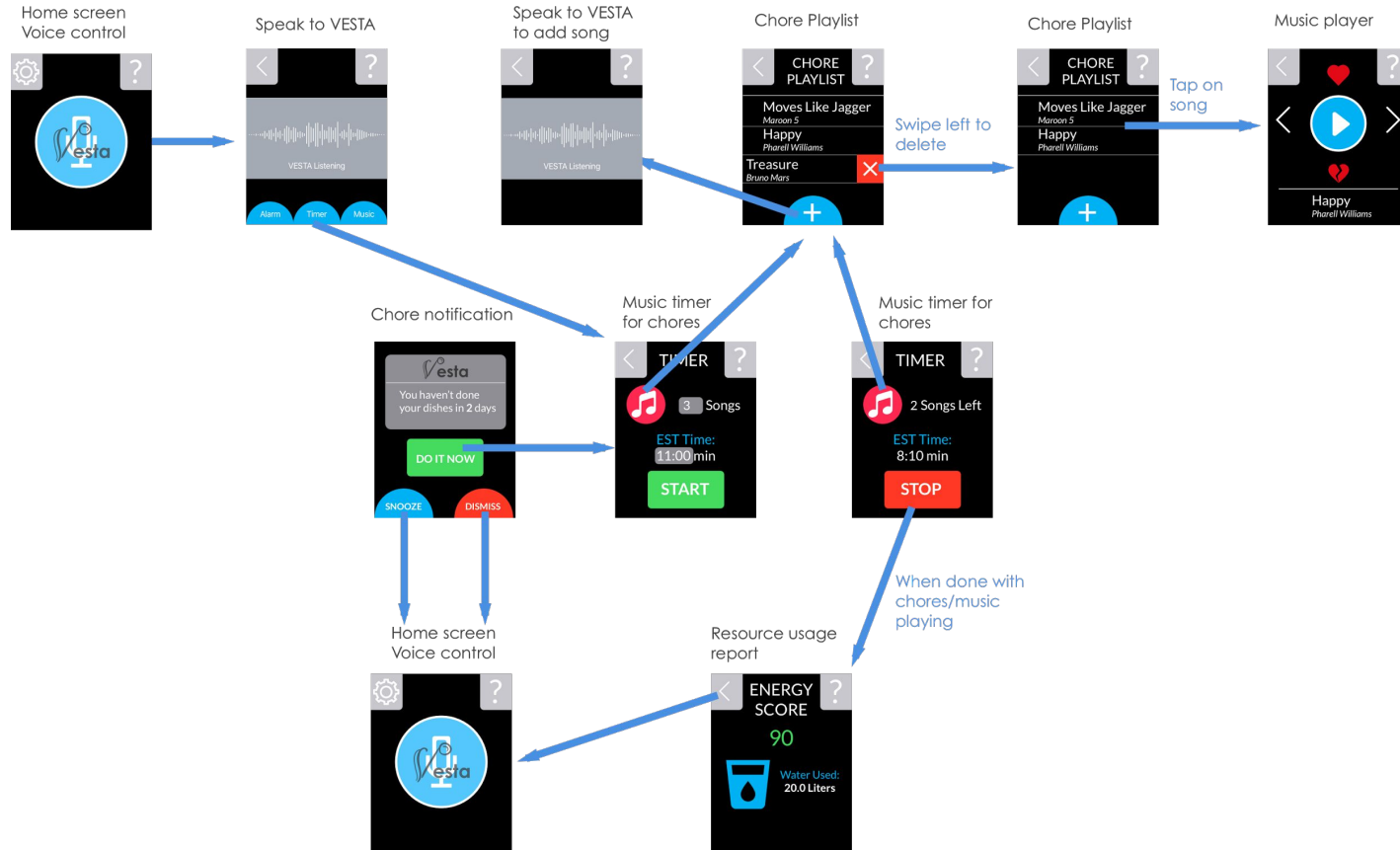
Medium-Fi Prototype:

Task Flow

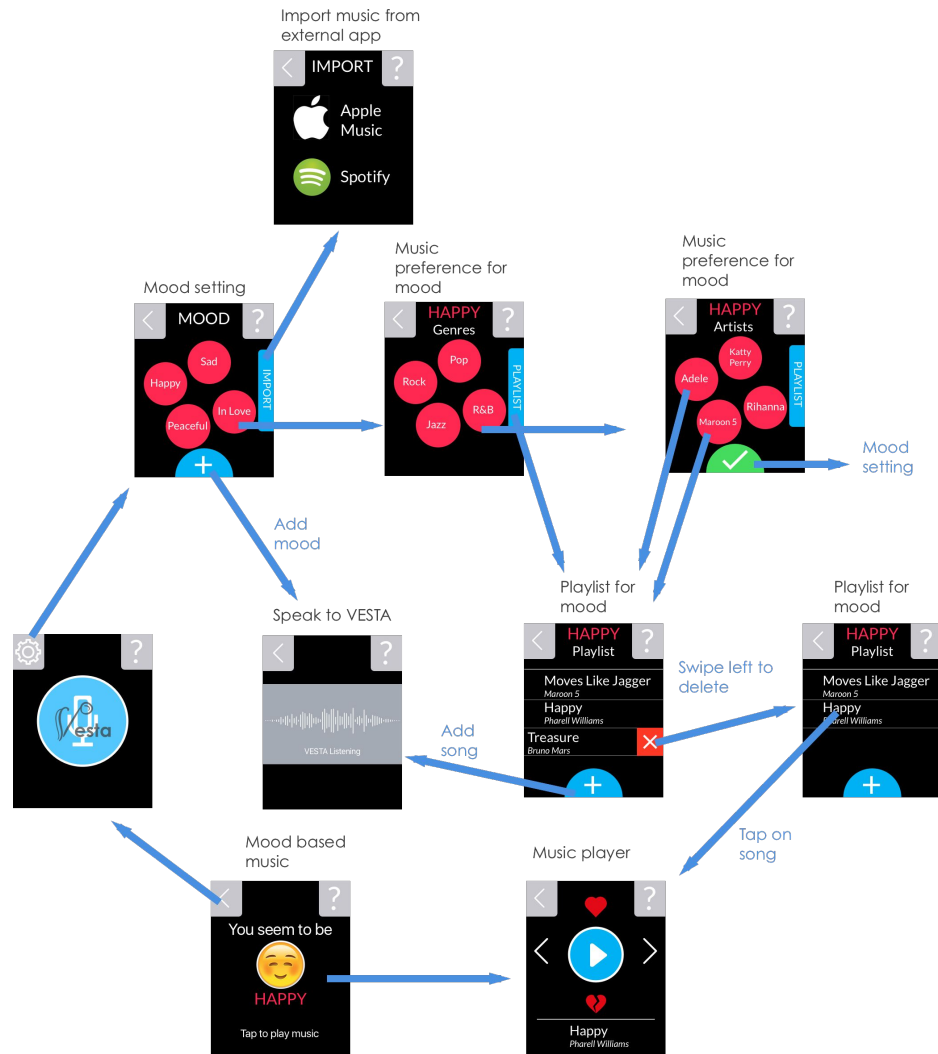
Alarm for event



Chore timer with resource usage



Music based on mood



4. Prototype Overview: Tool Used

Marvel App

- Positives:
 - Can show color (better than low-fi sketches)
 - Can directly import from sketch
 - Easy to link two screen
 - Timer feature to automatically move to another screen
- Shortcomings:
 - Can't link to the same screen again (music player)
 - Cannot handle notifications
 - No voice interface
 - No scrolling functionality of iwatch



Prototype Overview

Limitations/ hacks in current prototype:

- Alarm screen is directly shown once you set an alarm
- Set timer on certain screens to show notifications. (eg: Staying on home screen for >10 seconds shows the mood based suggestion notification)
- No scrolling functionality (not supported by marvel)
- Hardcoded links necessary to show task flow
- Functionality: music suggestion tailored to user, etc
- **Unable to bundle in voice interface**

Wizard of Oz technique required:

A human to emulate the voice interface

SUMMARY

- Incorporated suggested changes
- Made a medium-fi prototype
- Understood the tradeoffs between various level of prototypes



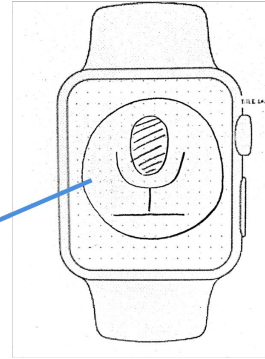
THANKS!

Any questions?

Appendix: Old sketches for comparison

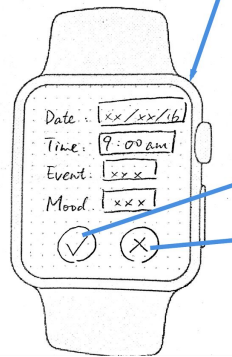
Alarm for event

Home screen
Voice control



Press to speak

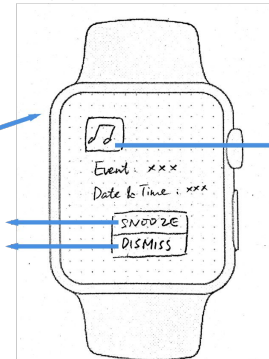
Schedule/event
confirmation



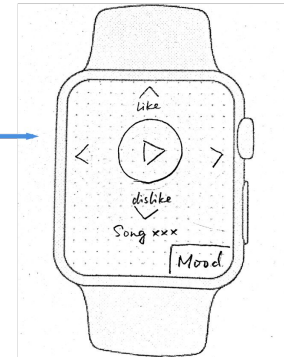
By the event
time

Home screen

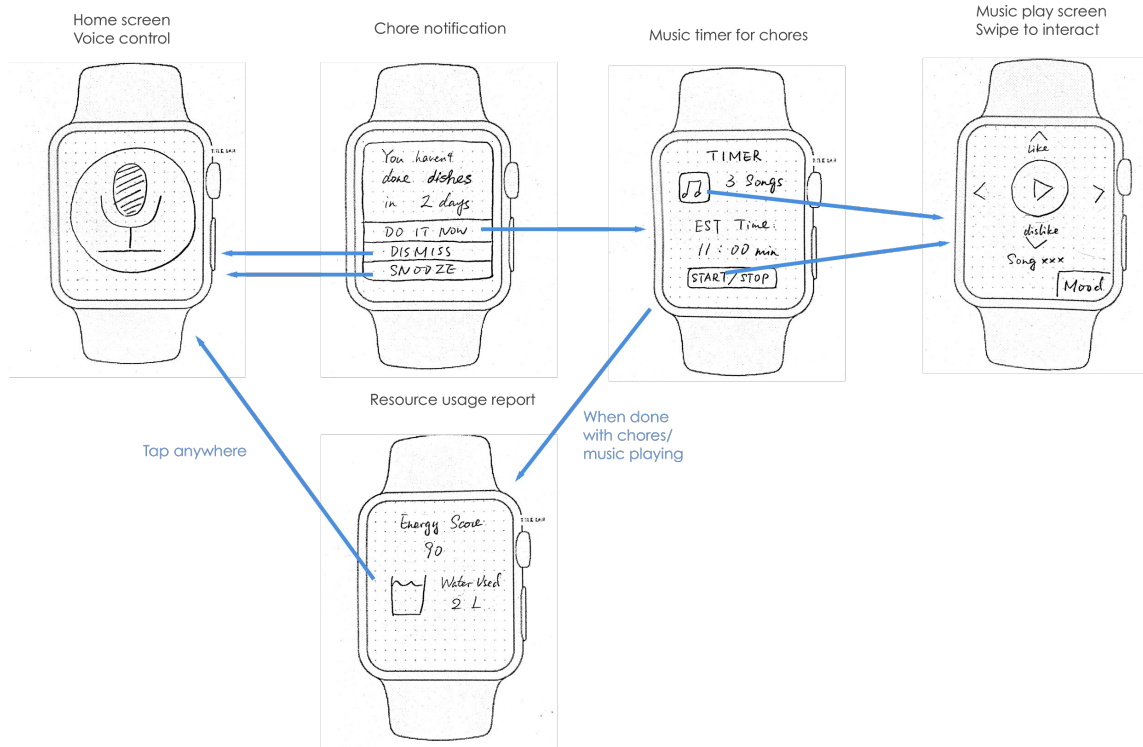
Event alarm with music
to prepare you for the
event



Music play screen
Swipe to interact



Chore timer with resource usage

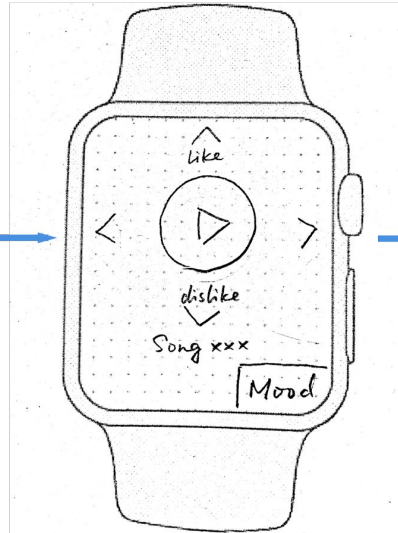


Music based on mood

Mood based music

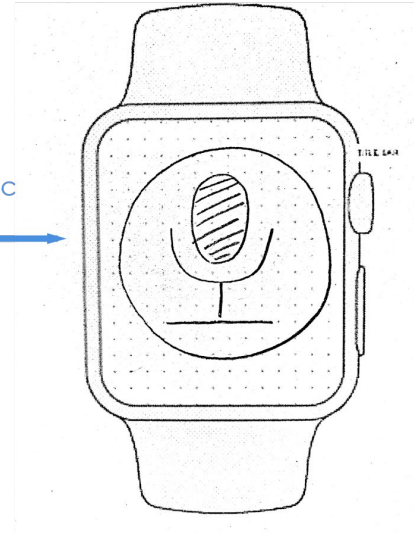


Music play screen
Swipe to interact

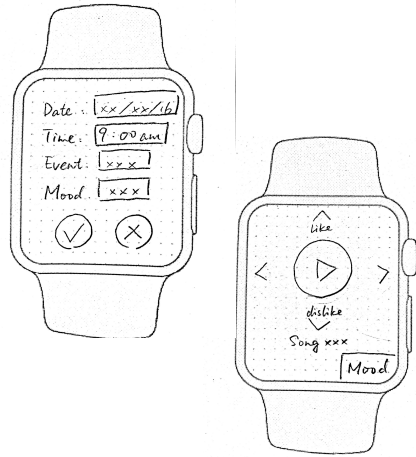


When stop
playing music

Home screen
Voice control

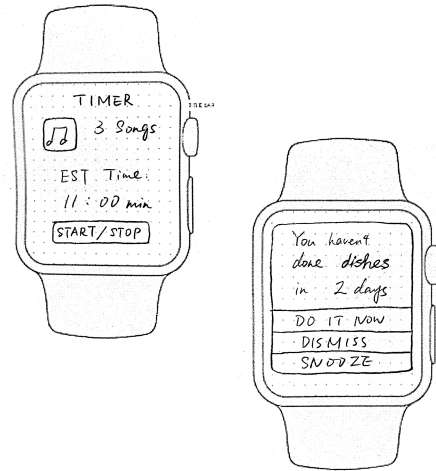


Alarm for event



- User hesitated: What is the mood field for?
- User tried to tap on mood: Is mood an option?

Chore timer with resource usage



- Confused: Meaning of number of songs?
- Negative emotions on notification of chores

Music based on mood



- How can I go back to home screen?
- Confused: Music preferences without visual cue.