memento

Assignment 8: Midway Milestone
CS147 (Winter 2021)

Our Team

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memento

“Build your vision. Remember the journey”

Overview

With countless productivity-based apps on today’s market, the emphasis often lies on a **mindless completion of everyday tasks** and an **internalized expectation of productivity**.
Memento aims to shift this focus towards meaningful **long-term visions and aspirations**, encouraging individuals to cherish and remember their journeys. Memento also seeks to help users intentionally with reflection and ‘rememory’ with a focus on growth and gratefulness.

Tasks

SIMPLE

set long-term goals/visions

MEDIUM

track personal progress

COMPLEX

accomplish long-term visions and practice personal reflection

Vocabulary

Memento
Mini collection of media (image, text, audio, location, emoji)

Vision
A long-term aspiration/ a collection of mementos

Reflection
A user-inputted response to a prompt

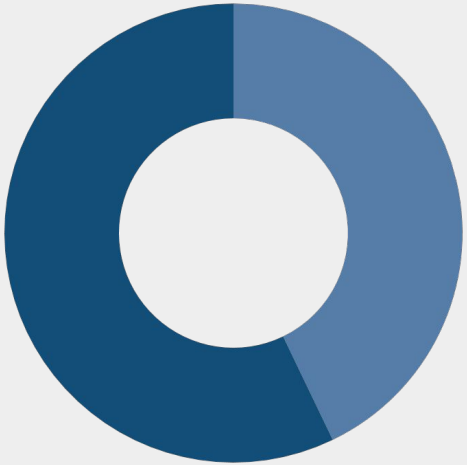
Feed
A chronological stream of mementos

Heuristic Evaluation & Major Changes

Heuristic Evaluation Results

28

severity 1 + 2 violations



21

severity 3 + 4 violations

Most violations in H7:Efficiency of Use and H4:Consistency & Standards

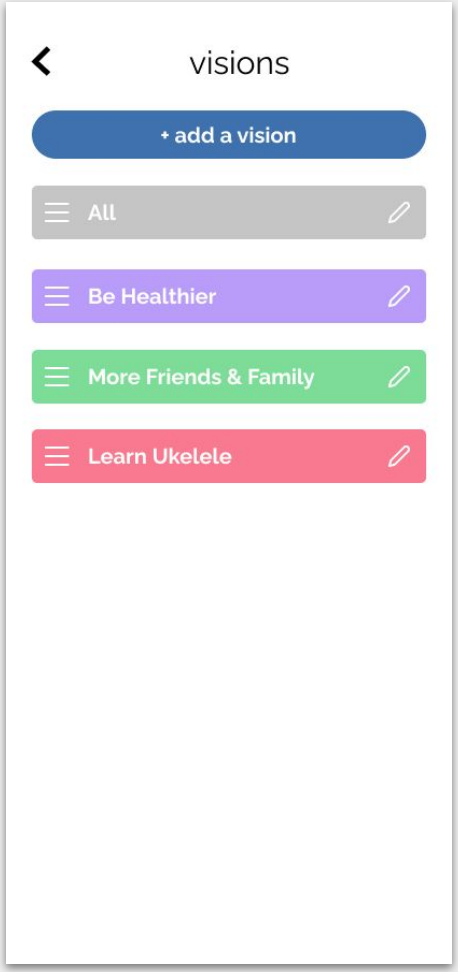
Severity 3-4 Issues

Med-Fi Prototype Limitations

- **editing a vision with pencil nonfunctional**
- horizontal scrolling capability of top menu

Design Fix

- already intended to work in Hi-fi prototype!



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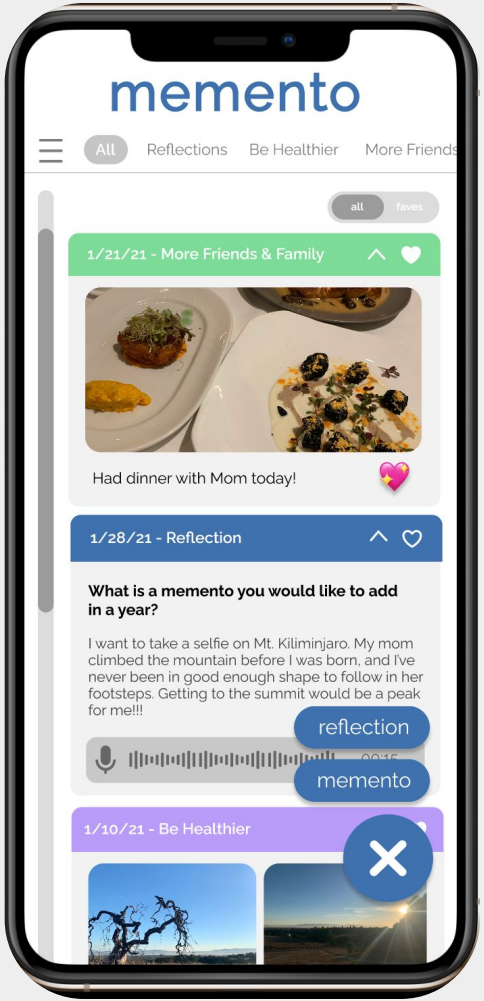
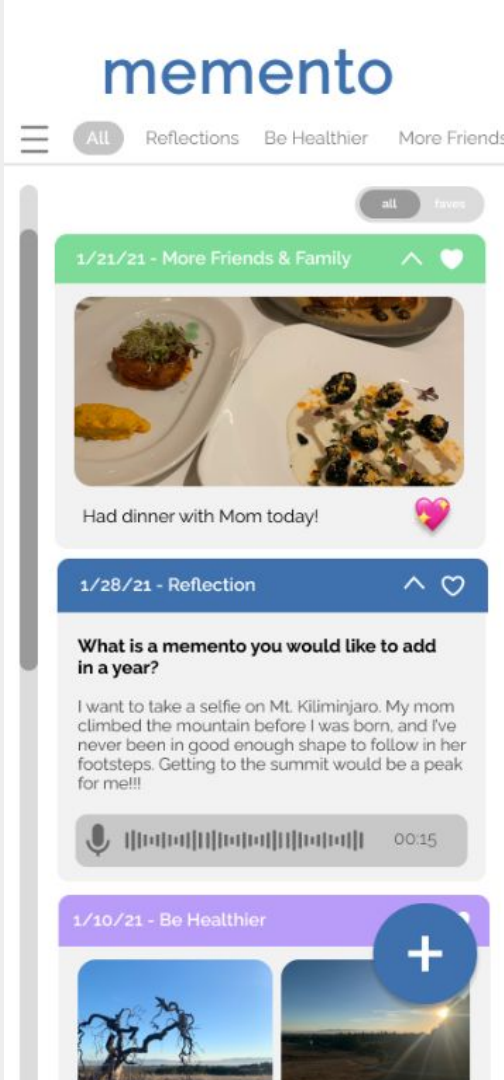


Heuristic Evaluation Analysis:

Homepage Feed

Violations

- Difficult to see all mementos from a vision at once
- Difficult to track progress since mementos are so large
- Reflections in top menu leads to category confusion
- ^ button on mementos not functional

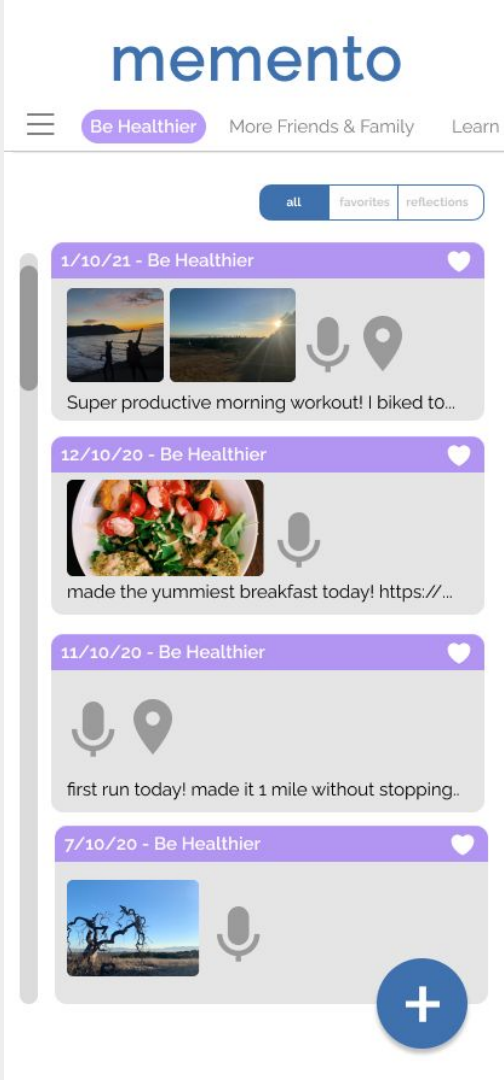


Design Change 1:

Homepage Feed

Design Fix

- move reflections from top menu to toggle bar
- Thumbnails of homogenous size
- Remove the ^ button → click to expand memento

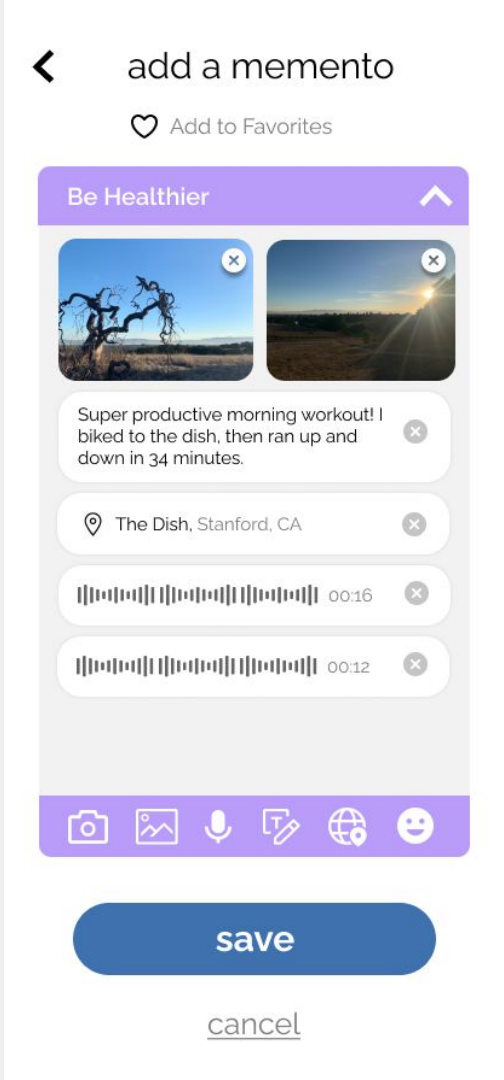


Heuristic Evaluation Analysis:

Adding/viewing a memento

Heuristic Violations

- Cancel/delete buttons discard the memento the user is working on
- no option to delete a memento once created

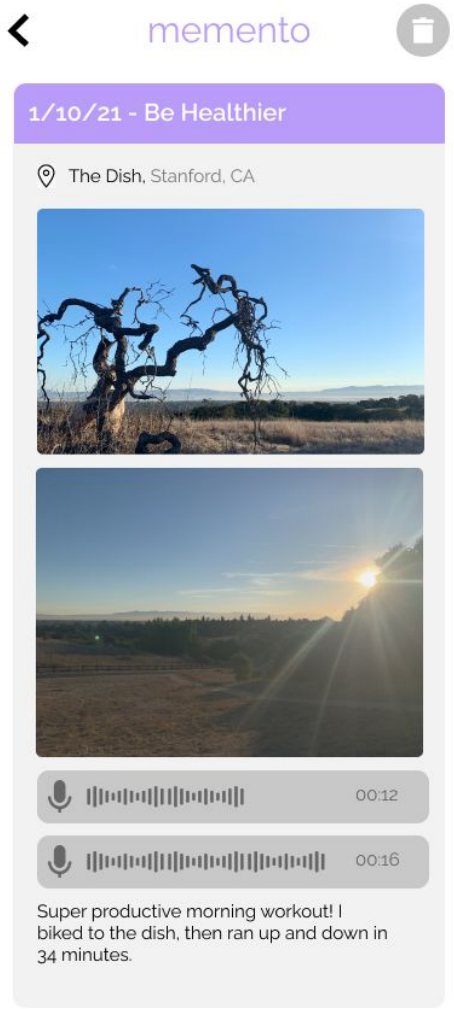


Design Change 2:

Adding/viewing a memento

Design Fix

- Details page for each memento
- Allow user to delete memento on details page
- “Are you sure” for when users try to cancel and information is populated

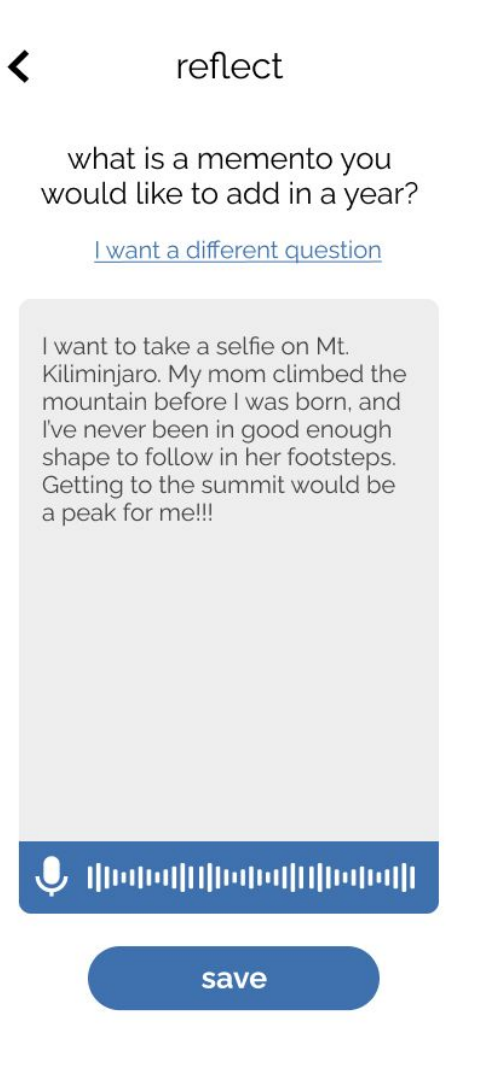


Heuristic Evaluation Analysis:

Reflections Process

Heuristic Violations

- No help/documentation for reflections
- Prompts are randomly generated (can't select prompts)
- User can't recall mementos when responding to prompts

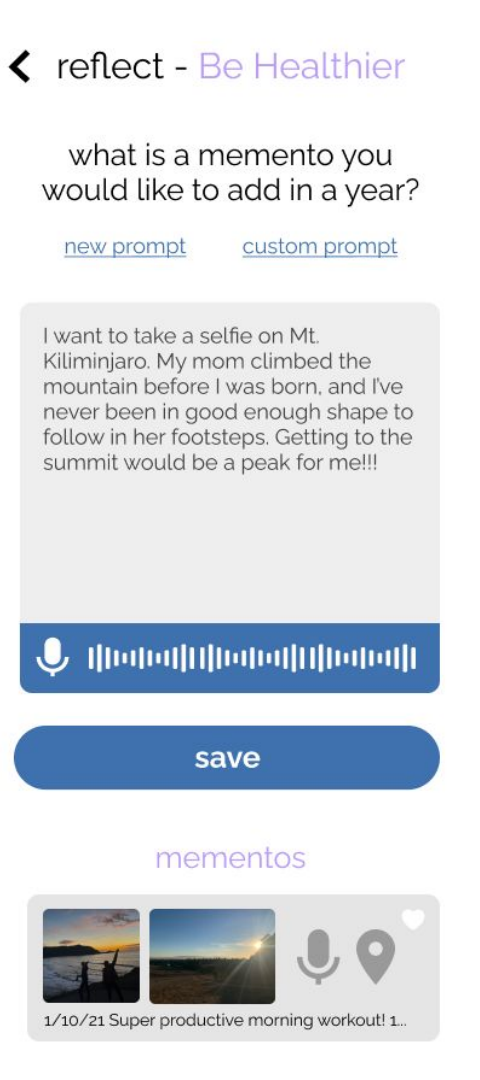


Design Change 3:

Reflections Process

Design Fix

- Onboarding for 1st time reflections
- Option to create your own prompt
- Thumbnails of mementos on reflection screen

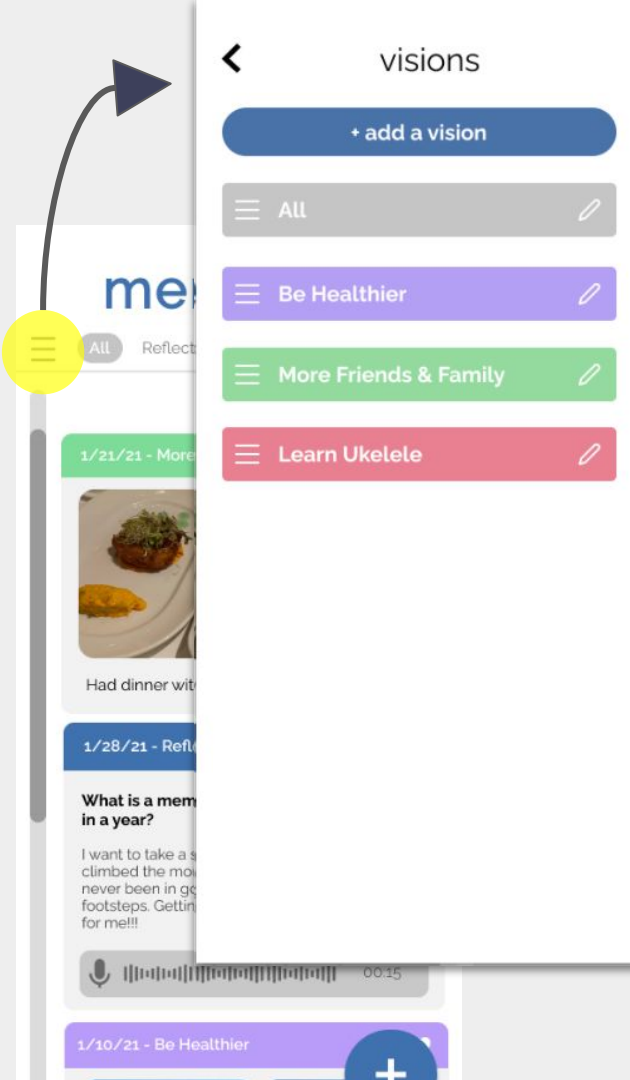


Heuristic Evaluation Analysis:

Hamburger Menu

Heuristic Violations

- “Visions page” is redundant (in horizontal menu)
- Hamburger menu leading to full screen is unintuitive
- Add/Edit/Archive visions flow is unclear
- Onboarding and vocabulary only presented once
- No settings (accessibility/color issues)

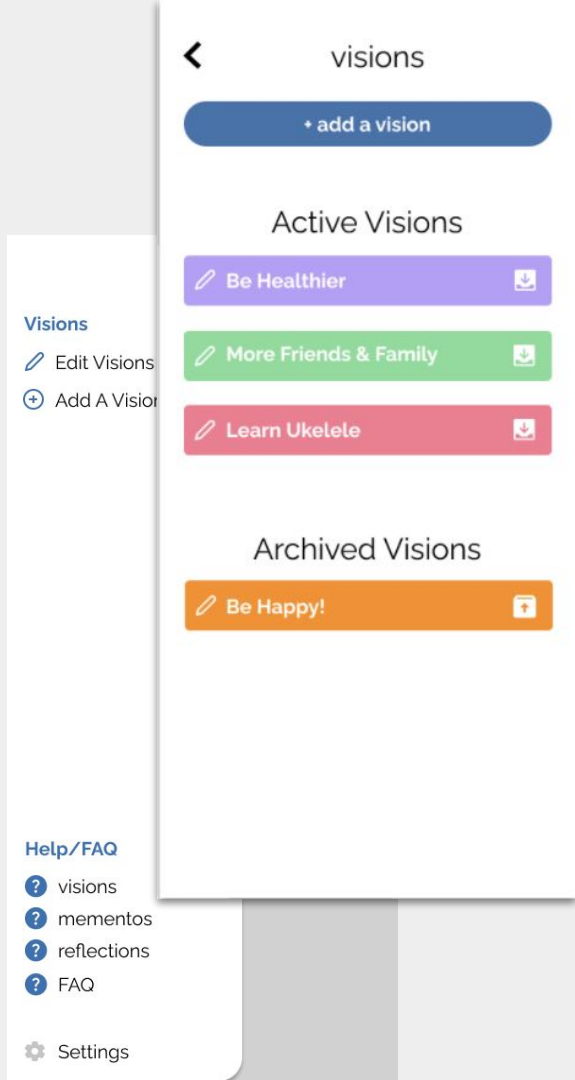


Design Change 2:

Hamburger Menu

Design Fix

- Visions overview
  - Archive/Edit visions
- Help/Documentation
- Settings



Other Design Changes

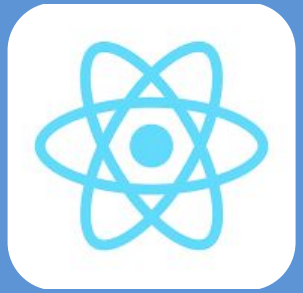
From Severity 1/2 violations

- Consistency in bolded text and capitalization
- Standardize **important** clickable components
- Presentation of text in memento view
- Empty state (change the “oops, its empty”)

Prototype Status

Tools Used

React Native



Mobile Development

Expo

Building/Simulation

Xcode

Text Editor

Github

Source Control/ Collaboration

Figma

Design Tools

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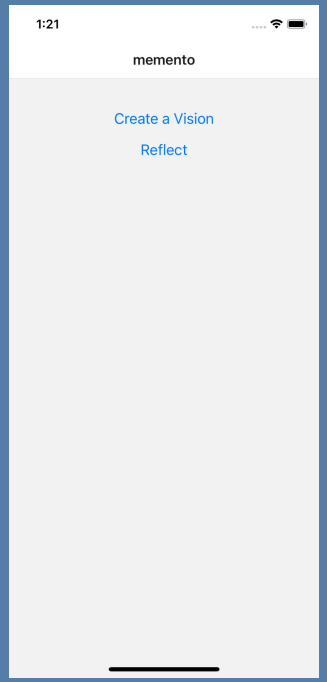
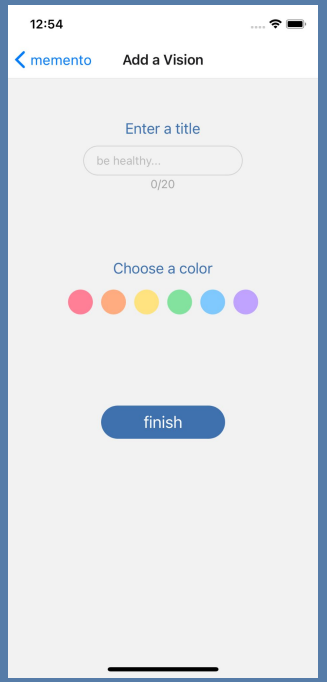
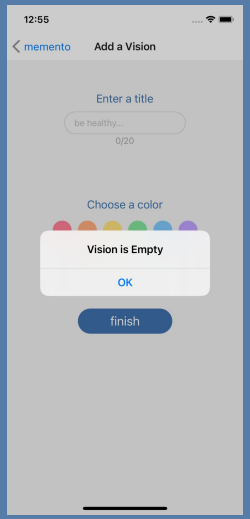
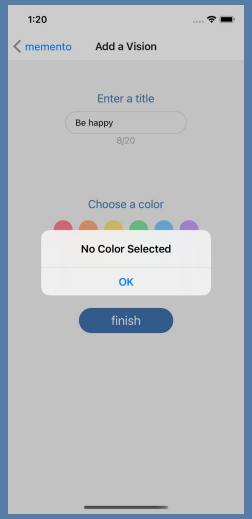
Implemented Features:

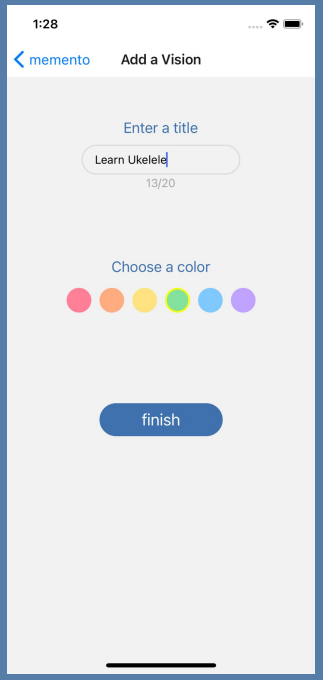
Task flow 1 (creating a vision)

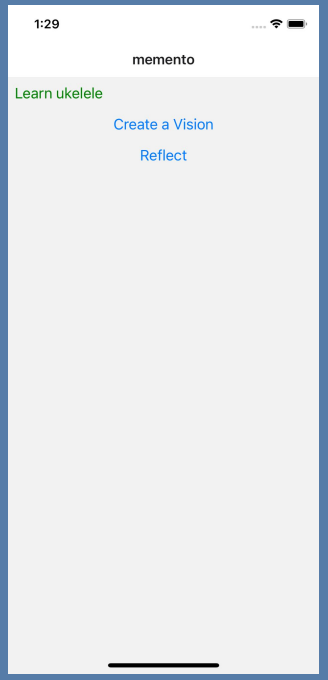






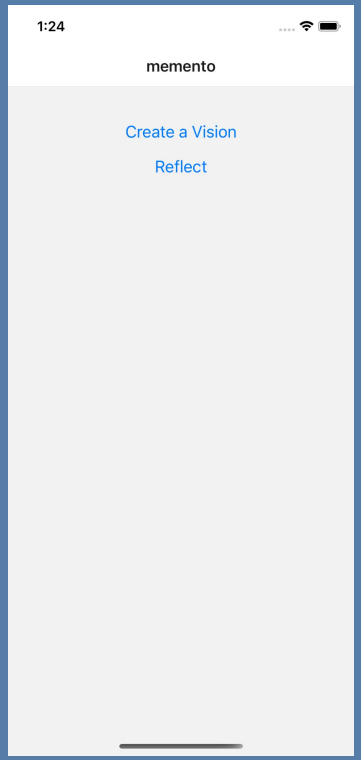


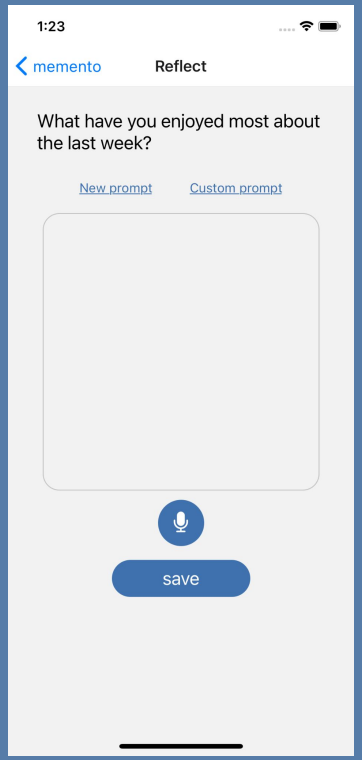


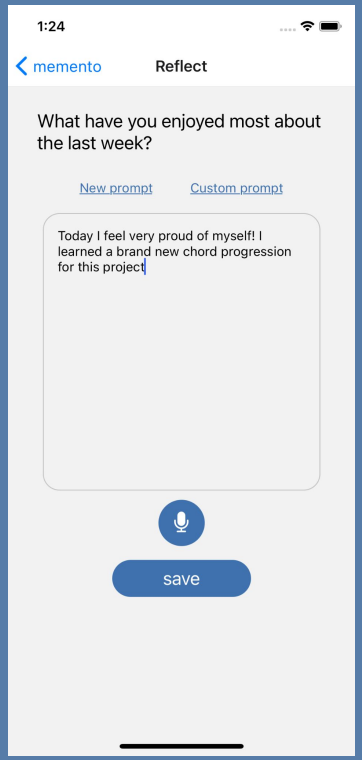


Implementing Features:

Task flow 3 (Reflections)







Unimplemented Features

add memento

- Images
- Voice Memo
- Location
- Text
- Emoji (?)

memento view

Details Screen for memento
Memento in Feed

hamburger menu

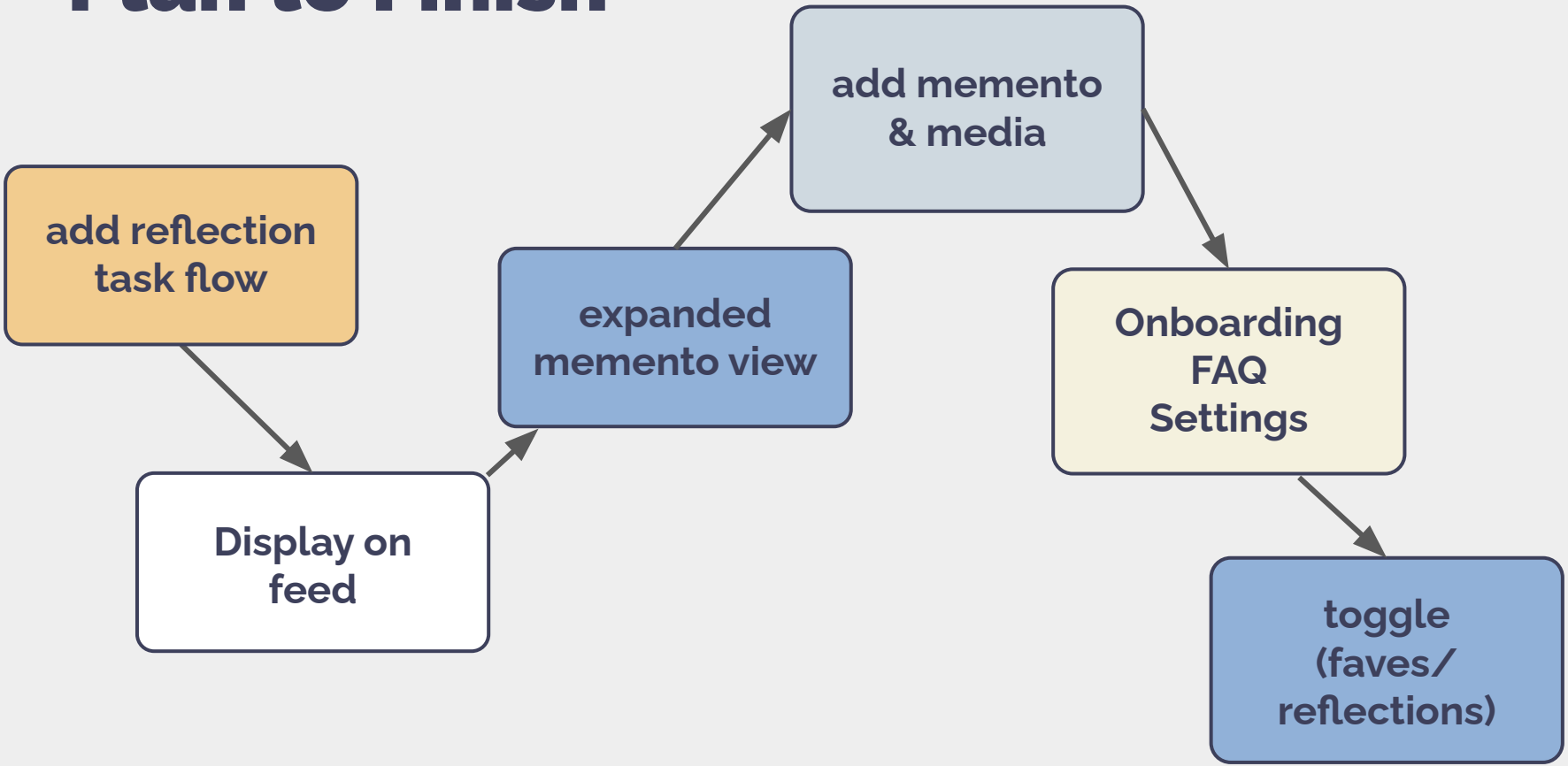
onboarding/ FAQ/ settings

screens and content

reflections

task flow for adding a reflection

Plan to Finish



Hard-Coded Data

- Hope to have all features working fully
- Given time constraints/capabilities, may need to hard-code:
  - Auto-populated media (voice memos, locations, photos)
  - Archive/edit vision capability

Wizard-of-Oz Techniques

- Currently not using and WOZ techniques
- Should we fully populate the homepage screen after the user has added a memento?

Issues/Questions

- Drawer Navigator Menu
  - package dependencies on node.js
  - Issues with expo
- Should we use Wizard of Oz techniques on memento feed?

Prototype Demo

Summary

Major Design Changes

- Reflection Flow
- Homepage Feed
- Hamburger Menu
- Adding memento flow

Prototype Status

- Reflections task flow (in progress)
- 1st task flow (adding vision)
- backend visions and mementos

What we're doing

- project timeline
- Last 2 task flows
- Finishing details

To-Do

- Hamburger menu
- Decisions about hard-coding