



RecoveryGrow

Holistic and Supportive Concussion Recovery



Our Team

01

Kimberly

03

Nico

02

Sharon

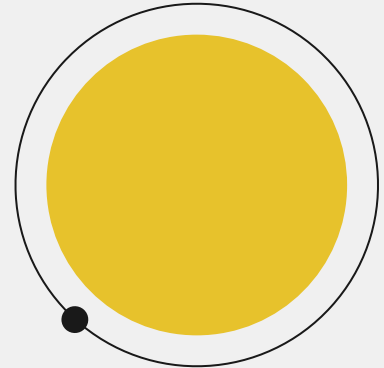
04

Crystal

Problem + Solution Overview

While concussions directly impact one's physical health, mental and emotional impacts are often overlooked, with those recovering from concussions often expressing feelings of **isolation** and lowered **perceptions of self**.

Recovery Board works to meet the emotional needs of individuals healing from concussions, providing a space for users to **reflect** on one's well-being and **connect** with others.



Outline of Today's Content

Design Revisions

Targeting changes that better reflect our **usability goals**



01



Heuristic Evaluation

Looking at the **highest severity** and **most frequent** violations

02

03



Prototype Status

Exploring **tools** used and **features** implemented

Demo

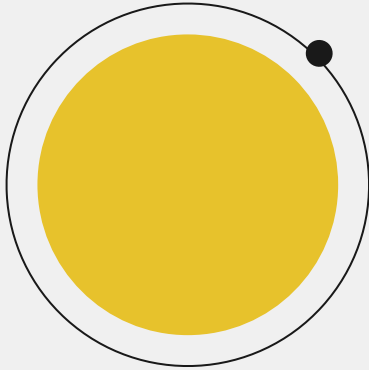
A **live** demonstration of working prototype



04



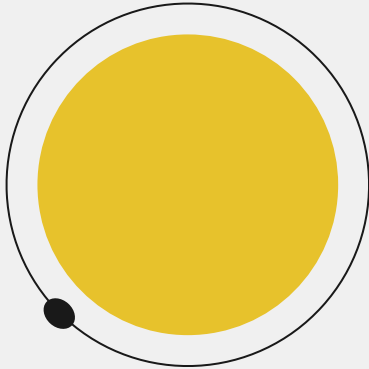
Heuristic Evaluation Results



- Familiarity with our own ideas led us to produce a **confusing user interface** for our evaluators, especially when it came to system status
- **Inconsistent** and **unlabelled** iconography also clouded the experience for our test users, making the navigation through our prototype not as seamless as we would've hoped
- However, our evaluators enjoyed the overall aesthetic appearance of our app and just wished for more **freedom** when working through tasks



Heuristic Evaluation Results



- **39** Total Severity 3 and 4 violations
35 severity 3 and 4 severity 4
- **Most: Match b/w System and Real World (H2)**
Visibility of System Status (H1)
User Control and Freedom (H3)
Accessible Design (H11)
- **Least: Flexibility and Efficiency of Use (H7)**
Severity with accommodating for expert users

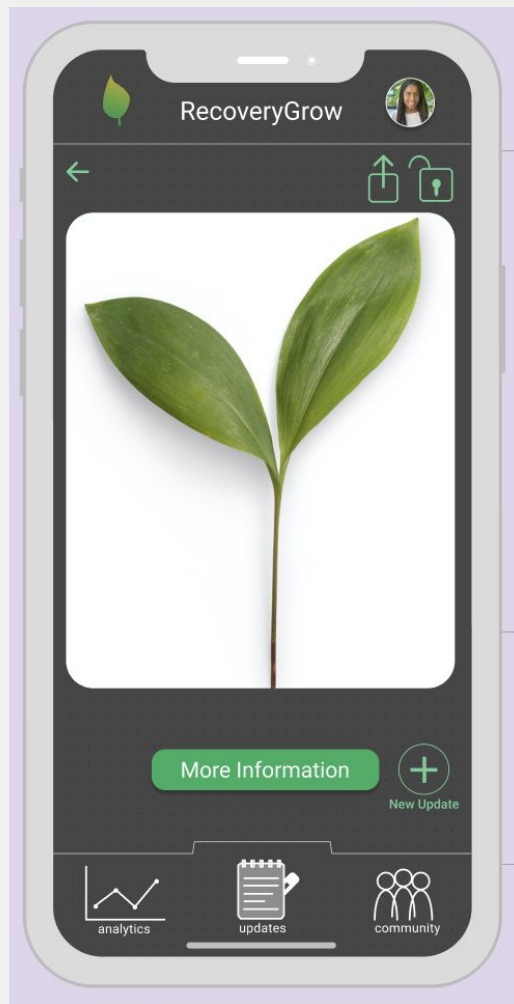
UI Revisions

Changed:

- Consistent back button
- Labeled tab buttons
- Text that identifies the function of the add button

Not Changed:

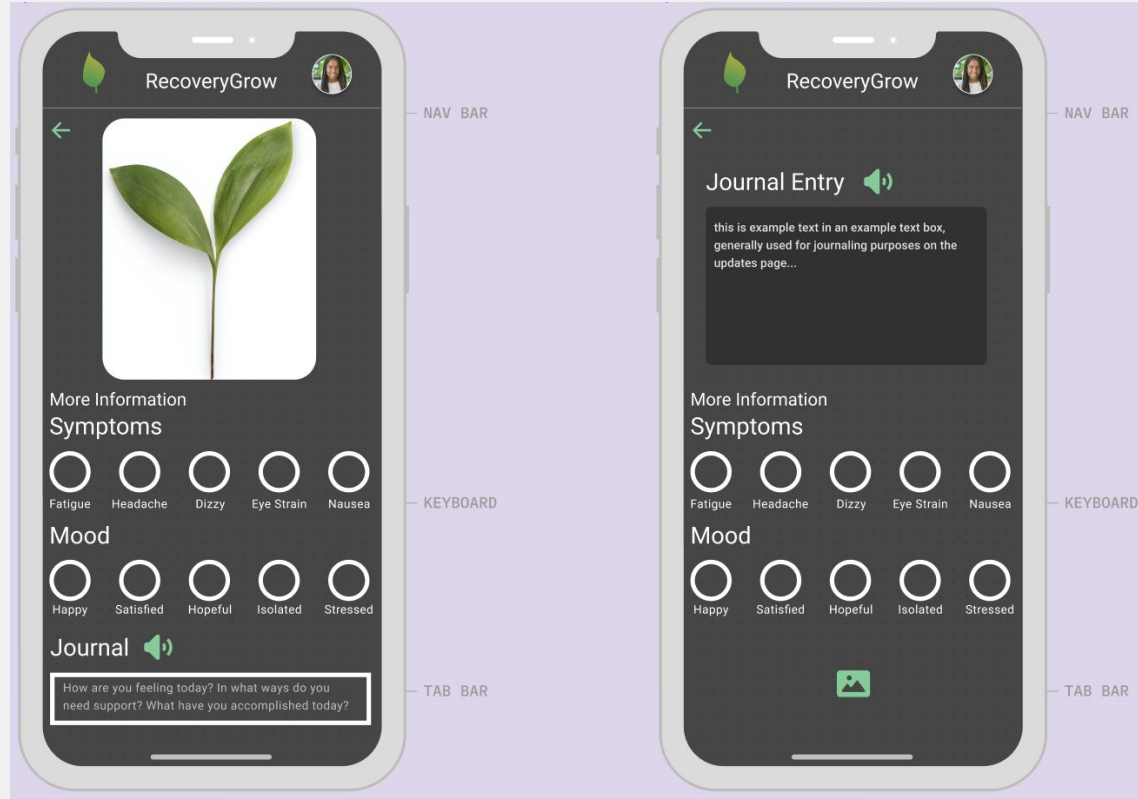
- Public or private notification



UI Revisions

Changed:

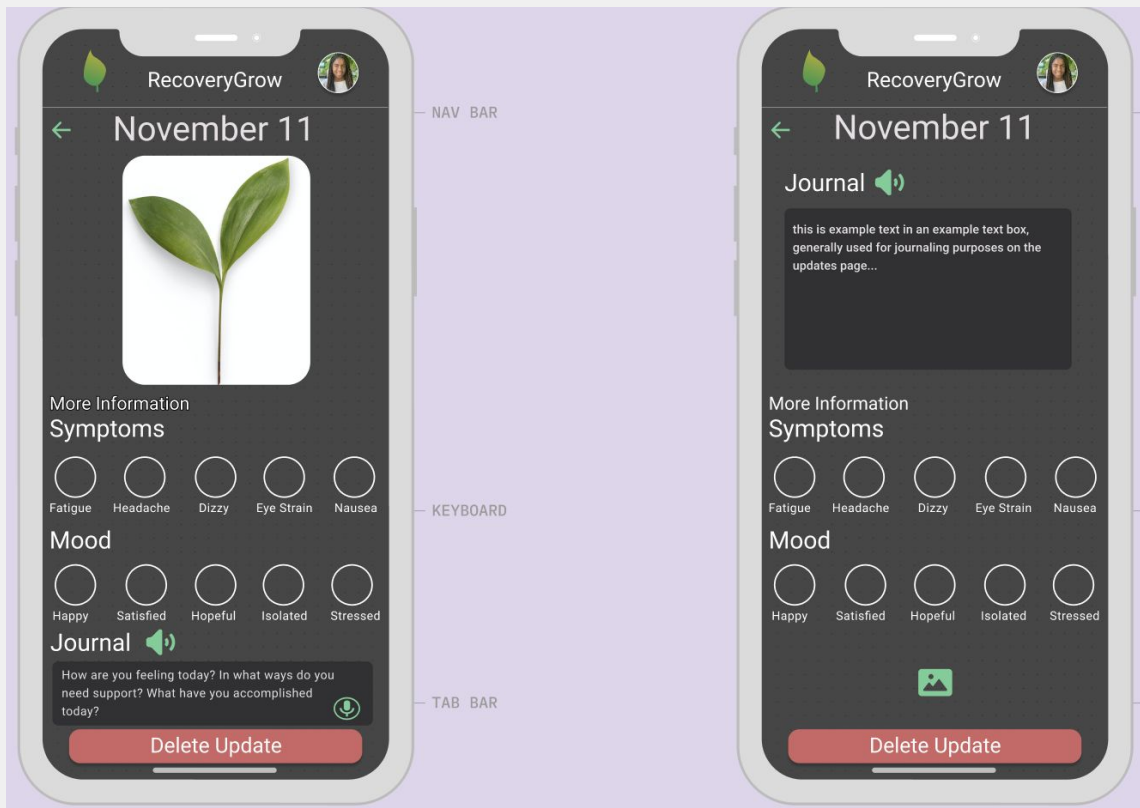
- Information about date of update
- Different format of journal entry boxes
- “Journal” vs “Journal Entry”
- Freedom to delete an update
- Ability to record voice memo



UI Revisions

Changed:

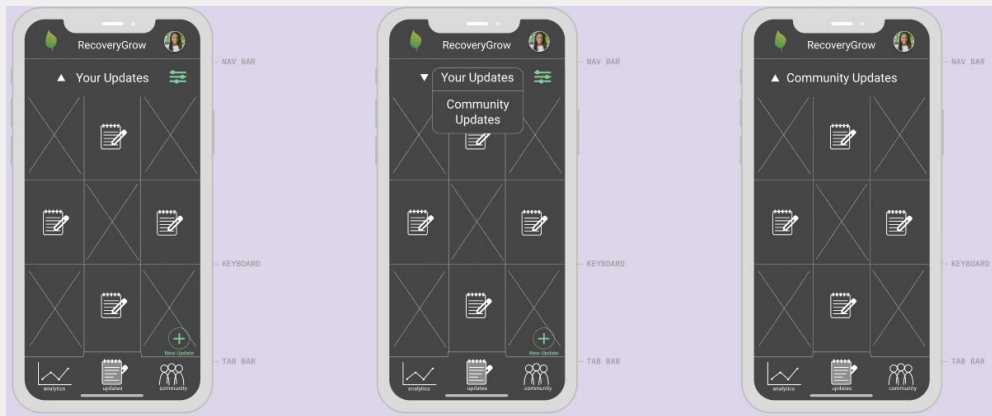
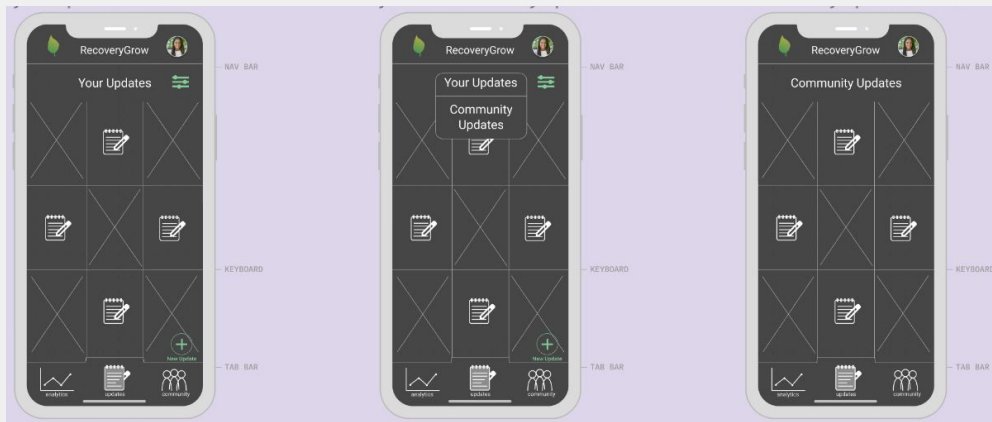
- Information about date of update
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UI Revisions

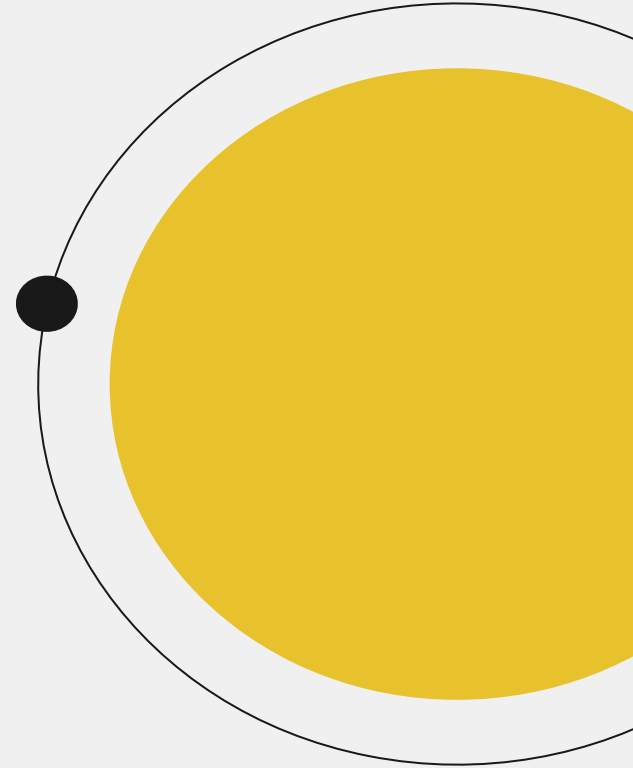
Changed:

- Clearer to change between “Your Updates” and “Community Updates” with addition of small white triangle

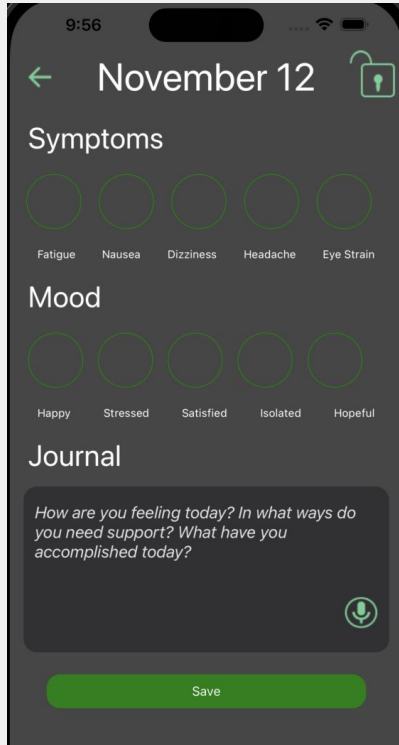


UI Revisions - Usability Goals

- Already difficult to navigate a world that can be inaccessible for someone that is recovering from head trauma
- Revisions, such as including **voice memos**, allows ease of use for the intended users of our app
- With clearer and more descriptive UI, people that are recovering from concussions can use our app to better reflect on their physical and emotional health



High-Fi Prototype Implementation



- React Native
- Implemented
 - Logging symptoms, journaling, analytics
- To-Do
 - Forum, sharing, backend
- Wizard of Oz
 - Speech-to-text
- Hard Coded
 - Symptom logs + journals

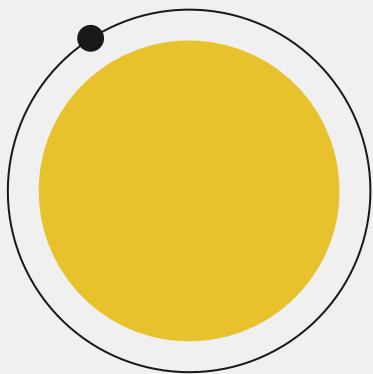


Demo

We will now have a live demo of the prototype

CREDITS: This presentation template was created by **Slidesgo**, and includes icons by **Flaticon**, and infographics & images by **Freepik**



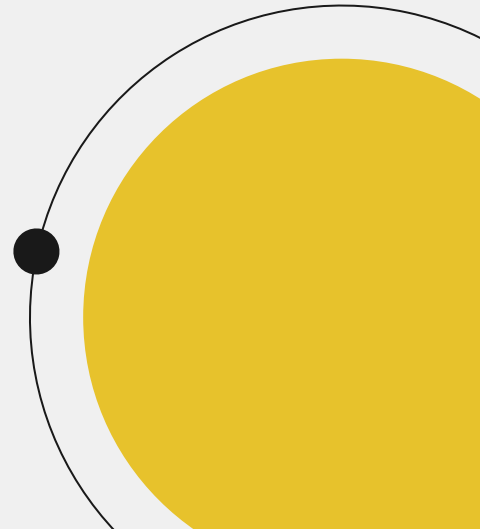


Appendix

Further examples of design updates to medium-fi prototype



Design Changes



Alternative resources

Here's an assortment of alternative resources whose style fits that of this template:

