

Midway Milestone

CS 147 - Fall 2018

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Mission Statement:

Our mission is to create an inclusive and intuitive brainstorming platform that allows users to focus on generating their best ideas.

Value Proposition:

Brainstorm with Sound

Problem/Solution Overview

- **Problem:**

- We identified a need for a better brainstorming tool that could be used remotely, too.

- **Solution:**

- Taking the writing aspect out of the process and replacing it with voice interaction allows for continuous productivity, engagement, and creativity.

Heuristic Evaluation Results

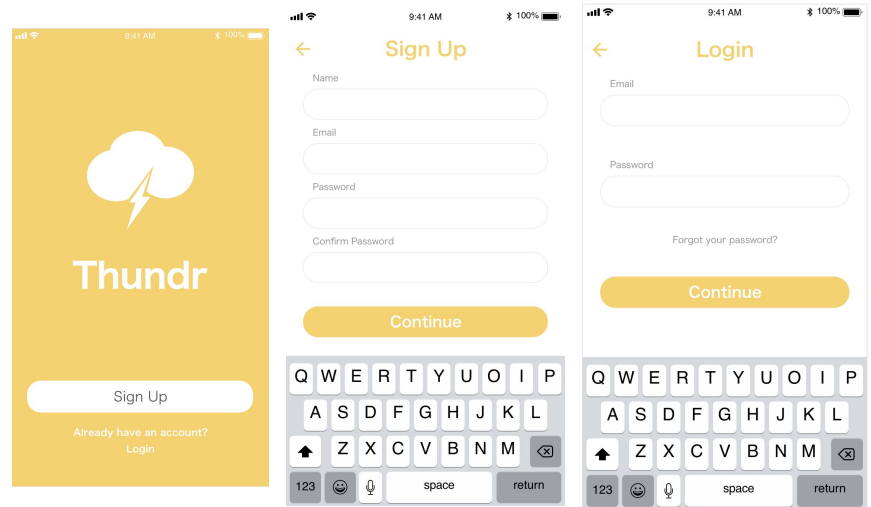
Switching between sign up and sign in

- **Problem:**

- User must sign in and can't go back to sign up page

- **Solution:**

- Add a link to take them back to sign up page



Whose color sticky note is who

- **Problem:**

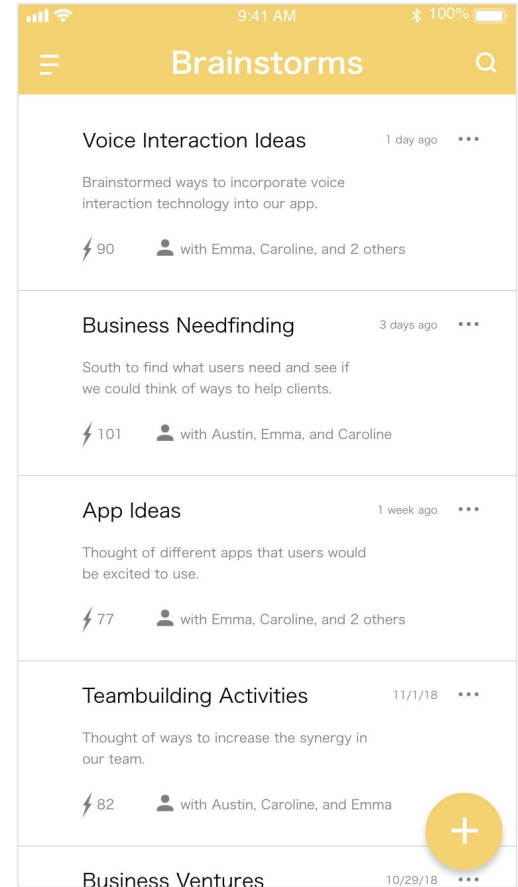
- Sticky notes are color coded to represent each participant in the brainstorm.
- Depend on the user to recall what color corresponds to what user.

- **Solution:**

- At the edge of every sticky note, added a small profile picture to help identify who the contributor is.

Home menu

- **Problem:**
 - No general home menu to get back to all brainstormings.
- **Solution:**
 - Added a home menu through the hamburger menu.



Idea Submission

- **Problem:**
 - No confirmation to indicate that it was successfully submitted.
- **Solution:**
 - Add a confirmation through vibration of phone or a notification

Search bar ambiguity

- **Problem:**

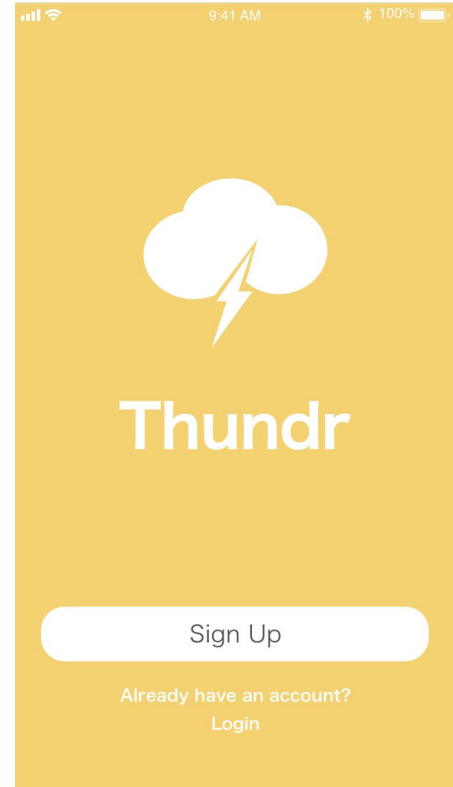
- The “Homepage” and “Ranked Ideas” pages both have a search bar which seems to be really ambiguous of what it is supposed to search for.

- **Solution:**

- Specify the purpose of search bar with an example search

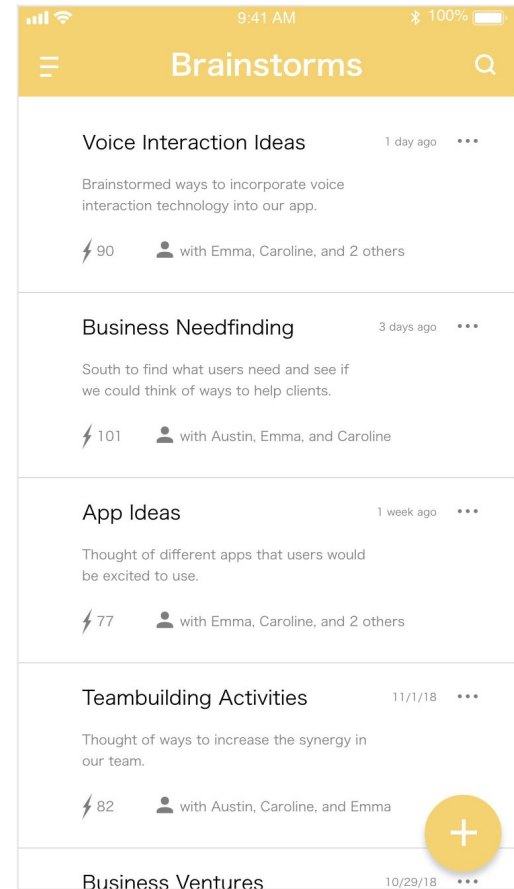
Non-HE Evaluation Changes

- Changed the color.
- Rearranged the structure of the app, having the past brainstorm be on the home screen.
- Added a floating button for creating a new brainstorm.



Overview of Changes

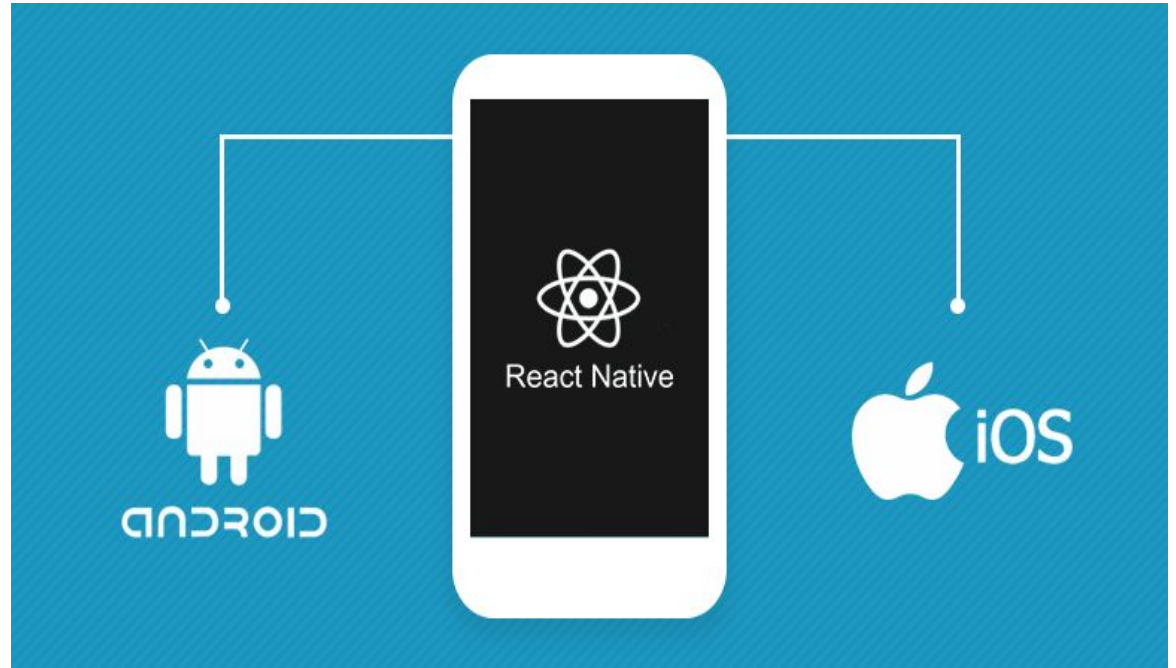
- Less clutter, simpler and more streamline
- More flexibility
- More documentation and help



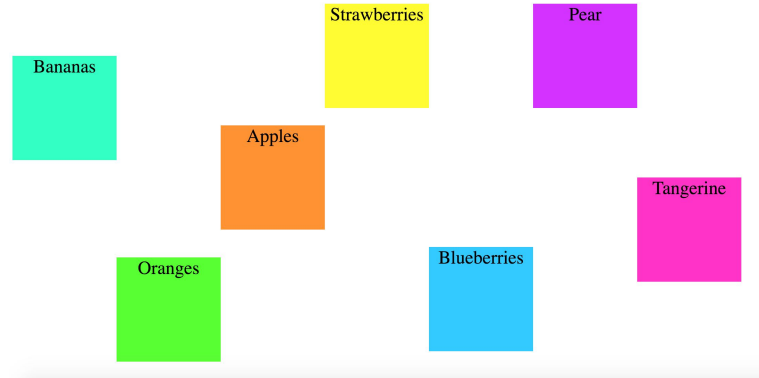
Prototype Status

Tools Used

- React Native



Implemented features



Create and share Ideas(our simple task)

Unimplemented features

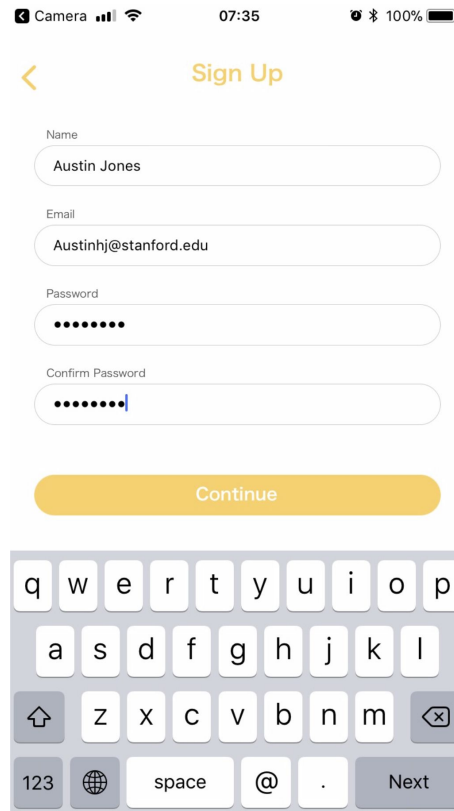
- Voting system for ideas
- Voice functionality of brainstorm
- Hamburger Menu

Plan:

- Swiping system
- Voice input/output
- Create a hard-coded user database and history of brainstorms

Hard-coded data

- User names
- Past brainstorming and history



The image shows a mobile application interface for signing up. At the top, the status bar displays 'Camera', signal strength, Wi-Fi, the time '07:35', Bluetooth, and 100% battery. The app header features a back arrow and the text 'Sign Up'. The form consists of four input fields: 'Name' (containing 'Austin Jones'), 'Email' (containing 'Austinhj@stanford.edu'), 'Password' (masked with dots), and 'Confirm Password' (masked with dots and a cursor). Below the form is a yellow 'Continue' button. A keyboard overlay is visible at the bottom, showing the QWERTY layout with a 'Next' button on the right.

Wizard of Oz Techniques

- Plan to use another computer appearing as if the display screen with brainstorm ideas. When brainstorm idea is added on the display, will type and display on computer screen.

Demo 😊

Summary

- Addressed major points from HE evaluation
- Incorporated other changes based on making the app more accessible and easier to use/navigate
- On track to finish



Thank you!