Montra

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What is it?

Main Features

- A mantra text reader (think of a lyric video) and optional sound-cue that is timed with your breath.
- Chosen mantra text would display on the screen for the text reader to scan over
- The breath is measured via touch/click input, where you hold down for the in-breath, let go for the out-breath, and touch again on the start of the repeated in-breath to have the correct timing for the user's mantra. The text reader speed would adjust to the timing of the breath.
- Ability to choose from preselected mantras or input your own
- Help menu
- Settings menu

Rough Example Main Screen UI:

User Backround Picture Here

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Example Mantra Text Example Mantra Text Example Mantra Text Example Mantra Text Example Mantra Text

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Tech Options and Problems:

Option 1: Swift

Pros:

- Sleek and effective IDE with Xcode.
- Open source.
- Easy to learn.

Cons:

- Applications only run on iOS and Mac OS.
- Can only be developed on Mac OS.

Flutter

- Why Flutter?
    - Can be used to program for IOS and Android apps, unlike Swift
    - Can be easily developed on Mac OS and Windows OS
    - Applications created in Flutter usually run very smooth
    - Testing is very fast in Flutter
    - Developing in Flutter is fast and efficient

Main Past and Upcoming Steps:

1) Ideation and baseline requirements.
2) Choose a technology to continue with.
3) Learn Flutter enough to start development.
4) Implement main functionality.
5) Implement bonus functionality.
6) Polish, bugfix, and push to production.

Burn Down Chart

Tasks Remaining vs. Date