



CircLing Medium-Fi Prototype README

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Prototype Link

Test out our prototype [here](#). This links to a Figma prototype where users can click through the multiple screens and UI.

Design Tools

We used **Figma** as our main prototyping tool for our medium-fi prototype. We utilized its interactive iPhone interface functionality and specifically designed our prototype using the latest iPhone 14 Pro model.

Operating Instructions

 **View a Memory in Text + Filter**

When first opening the app - Tap on Circling icon > Leads to text memory bubbles page

Navigating while in the app - Tap on the message memory icon at the bottom left corner of the screen (left icon on the navigation bar) > Leads to text memory bubbles page

Filter - Tap on the filter icon on the top right corner of the screen > Select specific languages and/or timeframe you want to filter > Selected filters will appear at the top and the text message bubbles will appear as filtered

Save and View a Selected Text Memory

Save - Long press on any specific text message bubble > Message saved!

View - Tap the bookmark icon on the top right corner of the screen > Leads to the *Saved Memories* screen > View your saved text messages > (if you want to delete) Swipe right on specific saved text message to delete them from saved

View Your Insights (Personal + With Friends)

Tap on the insights icon at the bottom right of the screen (the right icon on the navigation bar) > Leads to *Insights* page

Personal - Select any language completion ring to view more detail on personal statistics and activity > Can filter multiple languages

With friends - Select any friend to view > Lead to screen that shows your common goals and progress tracking bars

Setting Your Goals

Tap on the *Edit Goals* at the top right corner of the *Insights* page > Leads to goal setting screen > Can edit languages, word count, and more settings

Limitations

Interactables

We hard-coded most interactable features such as conversation filtering, goal setting, and statistic and activity details.

Onboarding

We didn't curate an onboarding experience that gives user insight into privacy, choosing messaging platforms to import from, etc.

Settings

We are still missing some setting options for users to choose which data Circling can access, which data is shared to friends, and other additional settings regarding data & privacy.

Hard-Coded Items

Profile Information

We hard-coded all profile information including that of all the friends in the friends tab. These information include avatars, names, and usernames.

Conversation Filters

We hard-coded the conversation filters including what language the user wants to filter and the timespan of selected conversations and design the output screen accordingly.

Goal Setting

We hard-coded the goal setting portion. We hard-coded the language options and also the specific number of words per day users can set as their language goal.

Statistics & Activity Details

We hard-coded the insights page which includes statistics and activity details – specifically, the goal completion rings of each language and the activity bars.

Wizard-of-Oz Features

★ Choosing filters

We automatically choose filters for the user in our prototype, but typically they have that autonomy.

★ Displaying friends

Our app will use AI to see which friends are most relevant to a user and put them at the front of language buddies to encourage them to practice together.

★ TFIDF

We would typically use TFIDF to pull out the most semantically important phrases for 'top phrases.'

★ Recommendation Algorithm

Our recommendation algorithm uses data to generate recommendations for users about which languages they should practice with friends.