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HI-FI README

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Introduction:

Older adults have untold experiences and younger people are curious to hear, but there is a disconnect between these generations. **Lore** is an accessibility-centered app that empowers seniors to create, share, and explore life stories across generations.

Design Tools:

The high fidelity prototype of Lore is created using the React Native framework and accessible through Expo Go. Git/GitHub was used for version control and collaboration, as well as yarn as a package management tool.

Installation Requirements:

To test our app, you must have a mobile device with Expo Go installed on it.

Operating Instructions:

Operate Via Mobile/Tablet Device:

1. Download the Expo Go app.
2. Scan the QR code provided to try our app.
3. You will start on the home page, but if you sign out, please use the following login credentials to log in:
 - a. **Email:** rennold@gmail.com
 - b. **Password:** password

Expo Snack QR Code:

Use the QR code below to access Lore

Download [Expo Go](#) and scan the QR code to get started.

**TASK 1: Viewing a Story**

Method 1 (from subscribed authors):

1. Tap 'Home' on navbar to go to Home Screen
 - a. Tap 'Timeline' to view stories in a chronological order by when they happened
 - i. Pinch 'Timeline' in and out to adjust timeline by decade, year, or monthly formats
 - b. Tap 'Recent' to view stories from recently posted
2. Tap on one of the stories cards to view a story

Method 2 (from search queries):

1. Tap 'Search' on navbar to go to Search Screen
 - a. By Recommended Searches
 - i. Tap on one of the tags to search up relevant stories with the corresponding tag



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1. Tap 'Timeline' to view stories in a chronological order by when they happened
 - a. Pinch 'Timeline' in and out to adjust timeline by decade, year, or monthly formats
2. Tap 'Recent' to view stories from recently posted
 - ii. Tap on one of the stories cards to view a story
- b. By Search Bar
 - i. Input a search result and view stories that are relevant to your search
 1. Tap 'Timeline' to view stories in a chronological order by when they happened
 - a. Pinch 'Timeline' in and out to adjust timeline by decade, year, or monthly formats
 2. Tap 'Recent' to view stories from recently posted
 - ii. Tap on one of the stories cards to view a story

TASK 2: Commenting on a Story

1. Tap on one of the story cards to view a story
2. If you are in their circle, tap on 'Comment' to leave a comment
 - a. You can only comment on posts by people who are in your circle (and thus you are in theirs)
3. Input your response via text
4. Tap 'Share'
5. Tap 'View Your Response' to view what you responded with

TASK 3: Posting a Story

1. Tap 'Home' on navbar to go to Home Screen
2. Tap 'Share Your Story' button
3. Tap to select which method of sharing your story you would like to use
 - a. **Text (Type)**
 - i. Tap 'Type' to write a story



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- ii. Tap 'Click to Attach' to attach an image of your choice (optional)
- iii. Input your story in the 'Text' input
- iv. Tap 'Save' once done
- v. Input all metadata (Title, Location, Start Date, End Date, Tags (type and tap add), and tap public for public sharing or circle for sharing to your circle only
- vi. Tap 'Confirm' to confirm posting

b. Text (Scan)

- i. Currently, unable to scan photos, though buttons are interactable

c. Audio

- i. Tap 'Audio' to record an audio
 1. Tap 'Pause' to pause while recording
 2. Tap 'Resume' to resume recording
- ii. Tap 'Save' once done recording
- iii. Input all metadata (Title, Location, Start Date, End Date, Tags (type and tap add), and tap public for public sharing or circle for sharing to your circle only
- iv. Tap 'Confirm' to confirm posting

d. Video

- i. Currently, unable to fully record a video, though buttons are interactable

Additional Tasks:

1. Logging in: My Profile > Sign Out > Log in with credentials
 - a. Sign Up flow, Forgot Username/Password has not been implemented
2. Bookmarking and viewing saved stories: Click on a story > Click on 'Add to Saved Stories'
3. Viewing your stories: My Profile > My Stories
4. Viewing your saved stories: My Profile > Saved Stories
5. Viewing your circle: My Profile > My Circle



6. Viewing your subscribers: My Profile > My Subscribers
7. Viewing your subscribed authors: My Profile > My Subscribed Authors

Limitations:

In addition to the following wizard of oz and hard-coded techniques, our app currently has limitations in that you are only able to post stories via text and audio sharing formats due to implementation time constraints. Scanning and video recording formats must require sourcing outside libraries and learning how to implement them within our app. Additionally, you are unable to make edits to your profile information at this moment. Being able to interact with the settings and sign up flow was on our lower priority as they were not one of our three main tasks. However, we hope to incorporate these further steps and fixes in the future.

WIZARD OF OZ TECHNIQUES

There were limitations to a high fidelity prototype, so several features were emulated using “Wizard of Oz” techniques.

- 1) **Database storage:** without an existing beta user base, we found it more efficient to emulate data storage and story posting using session-based variable storage as opposed to deploying via Supabase or other databases.
- 2) **Authentication flow:** as signing into an account existed outside of our main task flows, we had a mock authentication in place of a robust authentication process, allowing for users to test the app with placeholder login information.

HARD-CODED TECHNIQUES

We hard-coded some elements of Lore in order to simulate features that would be difficult to accomplish without an active user base:



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- 1) **Search recommendations:** we did not write an algorithm to recommend searches based on user preferences, as there would not be pre existing data to draw from. Instead, we took a selection of possible searches to recommend to the user that reflected potential search options—time, location, demographic topics, historical events, sources of wisdom, and general interest.
- 2) **Subscribed users:** our home page showed the stories from subscribed users. However, the list of subscribed users has been hardcoded in order to give the user an idea of what a feed may look like on Lore.
- 3) **Existing stories:** as we did not deploy the app to a user base, we hard-coded a selection of existing stories for users to explore. We aimed to show varying story topics, lengths, and formats.