mora

more amusement. more acquisition. mora.

README

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How to Access

mora is accessible on both an iOS and Android device. We recommend using an iOS device for an optimized experience.

1. Download the Expo Go app
2. Scan the QR code on the right
3. **mora** should open up in Expo Go (it might take a few minutes to load). Enjoy exploring **mora**!

Introduction

mora is an educational app designed for language learners of all levels frustrated by the tedious, decontextualized language learning techniques of old. To create a more engaging learning experience, **mora** integrates learning into users' favorite TV shows and movies, allowing them to learn while being immersed in the cultural context of a language and share their excitement with other fans in the community.

Operating Instructions

Aside from the onboarding process, this application can be split into three main functionalities that correspond with the three navigation bar buttons at the bottom of the display: **Home**, **Review,** and **Community.**

Onboarding

When the app is first opened, it begins the onboarding process which explains the purpose and instructions of the app. The user is prompted to create an account and configure their profile information and preferences.

Home

This main page viewed by all returning users that enter the app displays various customized content including learning statistics and a word of the day in the user's target language. This page also houses the watch session process that users can begin by clicking the floating action button labeled "Start Watching." Upon clicking that button and tuning lesson settings, the user will begin a watch session with periodic language lessons and quizzes.
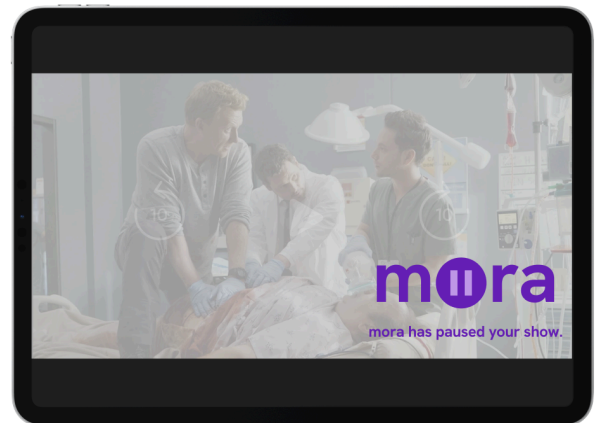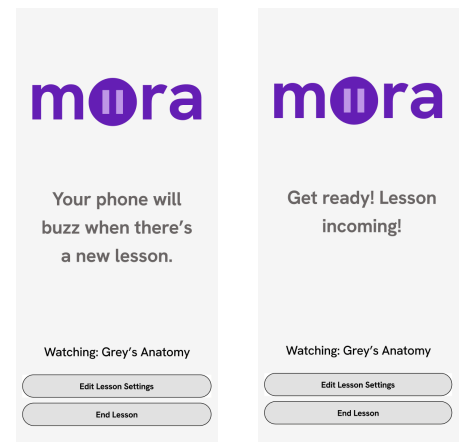
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Language Lesson

A Language Lesson describes the process of a user practicing their target language while watching TV or a movie on another device paired with **mora**. At various points in the TV show or movie, **mora** pauses* the streaming and prompts the user with an in-app "Lesson" or "Quiz" based on the current action of the media! Between these Lessons and Quizzes, **mora** shows a waiting page or quiz/lesson incoming page with options to end/edit Lesson settings. When the user ends the Language Lesson, they are shown a page summarizing what they learned and prompting them to return home.

This is how pausing would look if it was implemented. While this is displayed on your viewing device, there will be a lesson/quiz displayed on your phone.

As you're watching, these screens will display on your phone with cues indicating when an activity is about to happen.

*Because the nature of this high-fidelity prototype prohibits any actual pairing between devices, users can use this prototype alongside a video of Grey's Anatomy (link). When a lesson or quiz appears on the screen, they should pause the video

themselves. When they press the continue button on the app, they should also resume the video.

Review

In this tab of the app, users will be able to see and review words learned from the TV shows and films they have watched with **mora**. This page links all vocabulary words that users have seen while watching with **mora**. Users can click on the vocabulary words to return to the lesson with a picture of the original context. After filtering (or without filtering at all), the user clicks "Start Practicing" to begin review activities. Review activities range from multiple choice to fill in the blank. After completing a review session, the user can see their statistics on the words that they reviewed.

Community

This tab will lead to the chat channels that the user belongs to. A user can join as many channels as they want from the shows that they have watched with **mora**. The chat will involve users who are watching the same show in the same language. Within a chat, users can start a live watch party where they will learn lessons together and optionally compete with each other. A live chat will open for the users

participating in the watch party. In the prototype, the watch party uses the same clip of Grey's Anatomy ([link](#)) starting at around 0:22 seconds.

Limitations

1. **No real conversational element:** we couldn't create an interface where users could interact with other users.
2. **No live TV component:** we couldn't implement a real live TV component without a "Computer" pressing play/pause or creating a bluetooth backend.
3. **No real customization:** while there is now a screen for customization, we could not implement personalized lesson settings, language learning levels, or even real choice in TV show without an AI lesson creator.
4. **No audio feedback features:** there is no audio for text to speech features or term definitions.

Hard-Coded Items/Wizard of Oz Techniques

Though the social element and level of customization are emphasized aspects of **mora**, we had to hard-code/Wizard of Oz these functionalities to limit the scope/unpredictability in our prototype. In addition, features that require a backend and user data storage are also hardcoded.

1. All lesson settings (target language, difficulty, frequency of lessons, etc) are hard-coded
2. All profile information is hard-coded
3. Pairing of devices is not real
4. All chosen pause moments and lessons are hard-coded
5. Chosen show is hard-coded to Grey's Anatomy (link)
6. Must pause the streaming device manually instead of automatic interruptions/suggestions that pause automatically
7. Statistics associated with quizzes, review activities, and competitive rankings within watch parties are hard coded