Voice Reminders App - Data Scraping Documentation

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Introduction

We used apps with the main functionality of having reminders with "recordings". Additionally, one of the apps we scrapped had the basic functionality of a reminders app to compare with our intended app design. This will provide a different perspective and data on how we build our project. Not only thinking of the main features, but also the design of the interface.

How did we find these apps? Keywords searched?
We searched for apps on the Google Play store that had keywords such as 'Reminder', 'Voice Reminder', and 'Audio Reminder'. These apps were chosen because they included these keywords, or they had a similar concept to what we were planning with our app. We then scraped through the apps that had at least three reviews.

Data Scraping App Analysis

- Hailey: Most apps that have audio cues to remind you often go off late or not at all, have ads that block key features such as settings or search. Nice features from some apps are volume override, syncing with Google Calendar, making lists.
  - Voice Reminder: This app is good when it works but most features are trapped behind a paywall. It has a volume override feature that people like and it seems to be helpful in reminding people to do their tasks. However, this app reminds people late, most of the good features are trapped behind a paywall, and poor signifiers which makes people feel they need a tutorial to learn how the app works.
  - Talk To Me, Reminder: Same as the previous app, it is good and helpful to use while it is working properly, but is overall very inconsistent. A feature that this app has is that it syncs with your Google Calendar for reminders. This app's shortcomings consist of inconsistency of when it works, ads that block important features such as search and settings, offers to change languages but the app will still speak in English, late or early events, and it does not allow you to modify or remove events.
  - Remind Me Using Call: This app seems to lack a lot of visual UI elements that users think would be helpful when it comes to modifying events. It allows you to record a voice message that will call you when it is time for you to do your task. The app does have issues with modifying your message, as you just have to rerecord your message, since there is no text option.

- ○ Voice Reminder (NF): This app just seems to be overall broken as reviews state it constantly crashes after install.
  - ○ Tasks: To Do & Reminders: This app seems to be a very helpful app that reminds you of your tasks on time. You are also able to create lists that are tailored to your reminders as well as your reminders are synced to your calendar. Its shortcoming is that it is initially hard to learn how to use.
- ● Genesis: Collectively, the apps have some sort of audio reminder using voice recordings, text-to-speech, or sounds. Most of the apps didn't have enough customization for the reminder date or time, but users also praised the simplicity of a lot of the apps, which helped with intuitiveness for navigating the app.
  - ○ Prodder-Pro: This app is easy to navigate and is efficient at reminders using audio cues and text. There are no ads in the app that distract or make the user quit the app. One of the features appreciated is having a snooze button for the reminder for up to 24 hours. But lacks criticism and reviews, as they are all positive and limited in number.
  - ○ Reminder Pro: This app struggles with poor execution, having mixed reviews and negative user feedback, with no point of contact or seen improvements. It offers nice features like widgets, multiple device linking, and importance levels of the reminders. But, doesn't deliver the notifications or reminders on time, causing users to miss the alerts.
  - ○ Talking-Voice-Alarm: This app uses text-to-speech for the reminders. But, doestn support specific date selection for the reminders. Often, the reviews described the app as "not reliable", not only coming from the failed alerts but the UI design being inflexible.
  - ○ Reminder Reviews: This app has effectiveness and simplicity, being able to record your own reminder or use text-to-speech. Offering adjustable settings for reminders.
  - ○ Voice Memo Reminder: This app was one of the highest rated for being able to record your own message in the reminder. This helped with user personalization. The app also has an intuitive and simple design for its use, with customizable settings for the reminders. The biggest lack is having the explicit need to title each reminder in order to save them. But, has had an impact on helping people who need memory support.

Conclusion

Overall, through our data scraping and analysis of existing reminder and voice reminder apps, we identified recurring themes in user feedback, feature implementation, and interface design. As noticed, users value reliability, simplicity, and customization. Specifically, regarding how reminders are delivered (eg, voice recordings, text-to-speech, or sound alerts). However, many apps fail in consistency, often sending late notifications, crashing, or hiding useful features behind paywalls. The apps with the most positive reviews were those that balanced intuitive design with functionality, while offering features such as calendar syncing, snooze options, and easy customization. These findings will help us prioritize dependability, accessible design, and a user-friendly interface that meets our users' needs.