Voice Reminders App - Needs and Requirements Documentation

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Data Collection

To understand the needs and requirements to make a successful Voice Reminders app, we conducted a data scraping analysis of apps similar to our concept on the Google Play Store. We searched for apps that had keywords such as 'Reminder', 'Voice Reminder', and 'Audio Reminder'. Apps that were chosen had one of these three keywords, were similar in concept to our app, and had at least three written reviews. Our goal was to find valuable features, design shortcomings, and good interface design.

Results

Our analysis showed that these apps have common positives and negatives when it comes to its UI and functionality. Users liked apps that were simple to use and also apps that had a lot of customizations for their reminders such as calendar syncing and customizable lists. Users were frustrated by apps that had reliability issues such as reminding them late or not at all or apps with poor UI signifiers. This analysis has demonstrated that users who are in need of a Vocal reminder app want an app that is dependable, accessible, and customizable.

Needs and Requirements

User Tasks

Our design will support users in:

- Task: Creating a reminder.
  - Description: The user records a voice message or types a reminder. The system saves the reminder, listing it in the reminders list.
- Task: Deleting a reminder
  - Description: The user deleted a reminder from the reminders list, and is reflected on the reminders list.
- Task: Editing a reminder
  - Description: The user can edit a reminder in time, date, title, or recording.

- Task: Adjust settings for the app view.
    - Description: The user can increase the font size of the app text, and change between light mode and dark mode.

Functional Requirements

- The system should allow users to create, edit, and delete reminders using voice or text.
- The system should play recorder reminders when the reminder is triggered.
- The system should allow the reminders to be stored without a date specification.
- The system should provide timely notifications based on the user's local time zone or calendar.

Non-Functional Requirements

- The system will synchronize reminders to specific time zones.
- The system will store reminders locally.
- The system will support accessibility standards for design.

Data Requirements

- The data will be stored locally, this includes voice, recordings, and text.
- The app should provide high response and or feedback when a reminder is saved or edited.
- The app will not collect user data for external use.

Social/Organizational Requirements

- The app will ensure the user recordings will be kept private, and are not used or shared without consent complying with regulations.
- The app will be designed for inclusive use, ensuring accessibility features for users with disabilities.