

First Milestone: Daily Journal

Application Concept:

Create an app that allows users to upload their thoughts and emotions for that day in various media formats like text, photos, videos, and voice memos. There will also be a daily survey where the user can select things like how productive, happy, or sad they felt that day on a scale of one to 10. The main application will also include a calendar allowing users to scroll through past entries based on dates. It will also send users notifications to remind them to complete their daily survey during the day, in case they forget.

Architecture/Key Functionality:

- Calendar view that allows user to access prompts from any given day
 - User will be able to complete a prompt from the selected day, edit a prompt, or delete a prompt if desired.
 - Calendar will indicate whether that day's prompt has been completed somehow (maybe color it to reflect either how much they uploaded that day or how they felt that day)
- Prompt view that allows user to access prompts based on the prompt itself
 - The prompt for the day and it's date will be displayed
 - Whether or not the prompt has been completed will be displayed
 - User can access the prompt to view, edit, or delete it.
 - User can follow up on prompts after the fact by adding notes or attaching multi-media files to it.
- Notifications can be sent throughout the day reminding the user to complete their daily prompt.
 - An initial notification can be released when the daily prompt is ready to be completed.
 - If the user does not complete the prompt immediately, reminders can be sent every few hours to complete the prompt.
 - After completing the prompt, based on the mood of the prompt, a motivational note of encouragement can be sent if needed by the user.
- Prompt Creation is what the user will do to complete the daily journal prompt
 - The daily prompt is given and changes each day. It is used to force the writer to reflect on their own feelings and thoughts.
 - The user can upload any voice recordings here as they may be a good indicator of how they are feeling throughout their writing process.
 - Pictures help deepen the meaning of writing, so the writer has the option to add photos that may enhance their writing.
 - A text box will allow the user to write their answer to the prompt. There should be no limit as to how long it should be.
 - A status bar will be available for the writer to indicate how they are feeling about their prompt after they complete it. We can use emojis or numbers to give them a scale to record their feelings.
 - The initial start time (or last updated time) will be displayed for record reasons.

Android System components:

Elizabeth Jordan, Jeremy Ford, Leelee Liang, Dan Petruso

Activities: Calendar, Prompt View, Prompt Creation

Broadcast receiver: Notification

Work Breakdown:

Jeremy Ford: Notifications

Elizabeth Jordan: Prompt Creation

Daniel Petruso: Prompt View, UI finalization.

Leelee Liang: Calendar View

Want to include:

- Calendar that allows user to access prompts from different days
- Prompt view that includes functionality for voice recordings, pictures, mood evaluation, prompt answer, and possibly more.
- Allow user to edit prompt

