

Interactive High-Fidelity Prototype - A11 Checkpoint

KYRO

Planning life by how you feel, not just by what you do

TEAM BAGG



Bennie N.



Amesha B.



Gil S.



Gabriella U.

We Noticed...

- **overcommitment**
- **burnout**
- **poor emotional balance**
- **uncertainty about where emotional energy is spent**
- **a desire to reprioritize purpose over production**

Productivity conflicted with self care and well-being

KYRO

**visualizes, protects, and plans
around emotional energy**

Presentation Overview

- 1. Heuristic Evaluation Results**
- 2. Major UI & Product Revisions**
- 3. Prototype Implementation Status**
- 4. Prototype Demo**

Heuristic Evaluation Results

34
violations

Severity	Count
4 (Catastrophic)	3 violations
3 (Major)	9 violations
2 (Moderate)	14 violations
1 (Minor)	8 violations

Heuristic Evaluation Results

Heuristic	# Viol. (sev 0)	# Viol. (sev 1)	# Viol. (sev 2)	# Viol. (sev 3)	# Viol. (sev 4)	# Viol. (total)
H1: Visibility of System Status	0	0	3	4	2	9
H2: Match b/w System & World	0	0	2	0	0	2
H3: User Control & Freedom	0	0	1	0	1	2
H4: Consistency & Standards	0	4	1	0	0	5
H5: Error Prevention	0	0	1	0	0	1
H6: Recognition not Recall	0	0	4	0	0	4
H7: Flexibility & Efficiency of Use	0	2	2	0	0	4
H8: Aesthetic & Minimalist Design	0	2	0	2	0	4
H9: Help Users with Errors	0	0	0	1	0	1
H10: Help & Documentation	0	0	0	0	0	0
H11: Accessible Design	0	0	0	1	0	1
H12: Value Alignment & Inclusion	0	0	0	1	0	1
Total Violations	0	8	14	9	3	34

Heuristic Evaluation Results

12
major UI
concerns

Unclear AI
processing after
speaking has
finished

No save
confirmation of
verbal reflection

Kyro score
meaning unclear

Burnout Watch
lacks nuance

Lost speech
when switching
input nodes

Cannot edit AI
summaries

Cannot reach
lesson
completion

Poor text
contrast

Insights Graph
lacks axes

Ambiguous
"Can't talk now"
label

Date label gets
covered

Back arrow gets
hidden

Heuristic Evaluation Results

**Inconsistent UI
Elements**

**Poor Visibility of System
Status & Feedback**

FURTHER UI CONCERNS

(minor concern summary)

**Recognition Issues
Requiring Memory**

**Inefficient or
Redundant Flows**

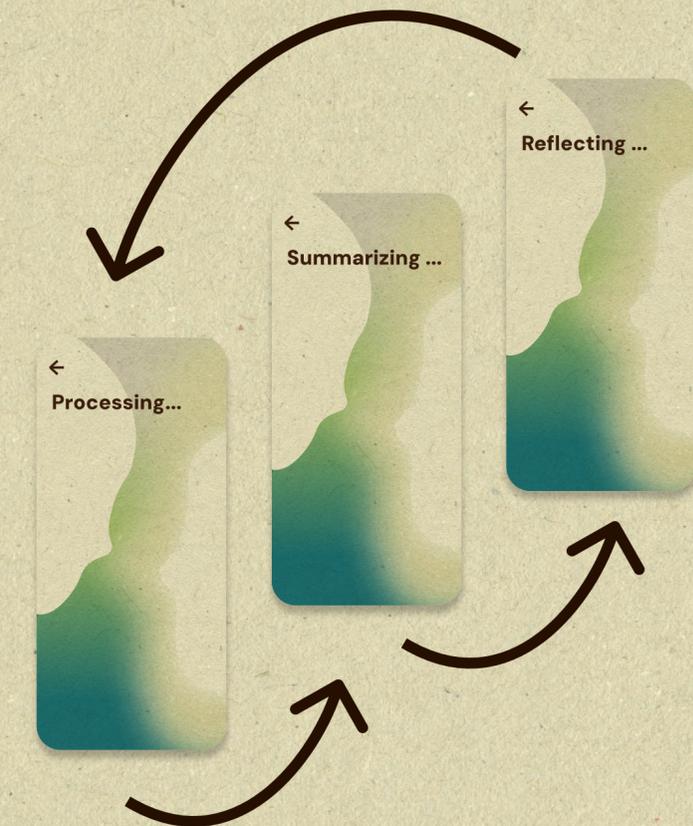
**Weak Error
Prevention**

**Aesthetic & Layout
Inconsistencies**

Major UI & Product Revisions

Clearer AI processing after speaking has finished

By having clearer words cycling through as the AI processes the data, it gives the user more understanding of what is going on.

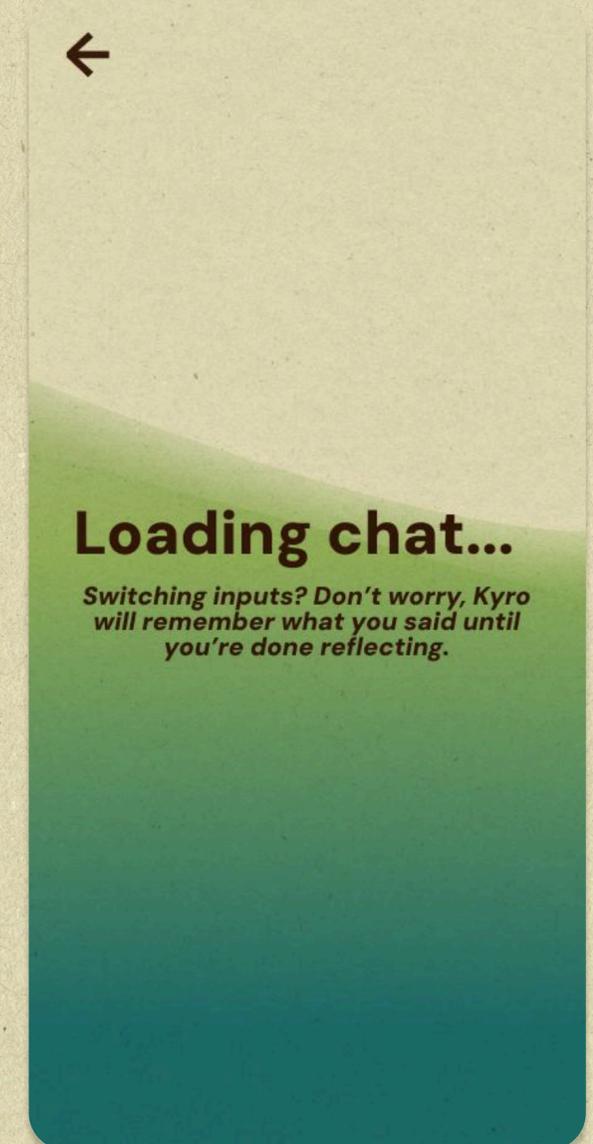
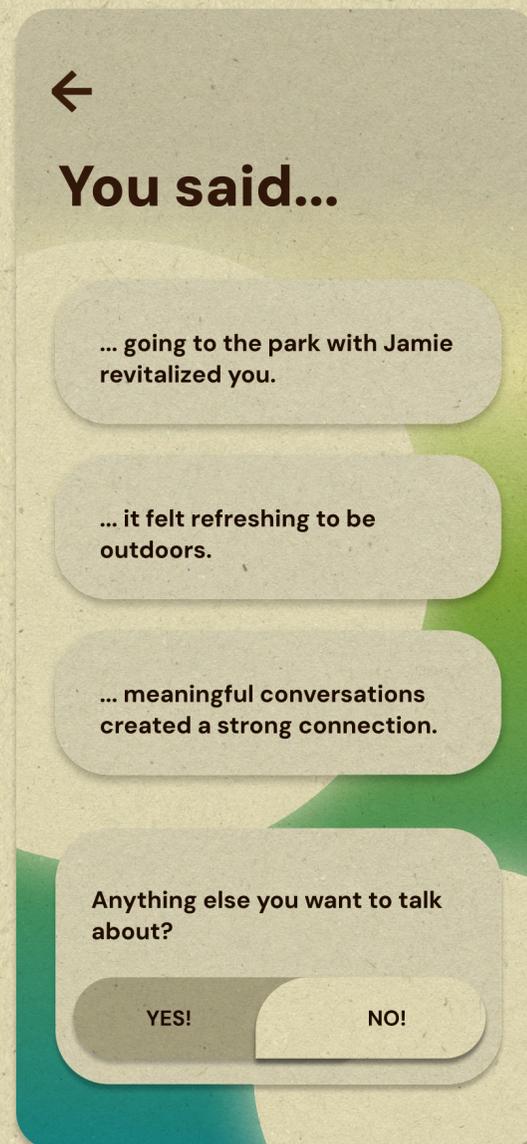


Major UI & Product Revisions

Lost speech when switching input nodes

Maintaining a log between input modalities to ensure no data is lost if a user decides to switch between voice input and text input.

Allows users more control and freedom over where and when they can utilize Kyro.

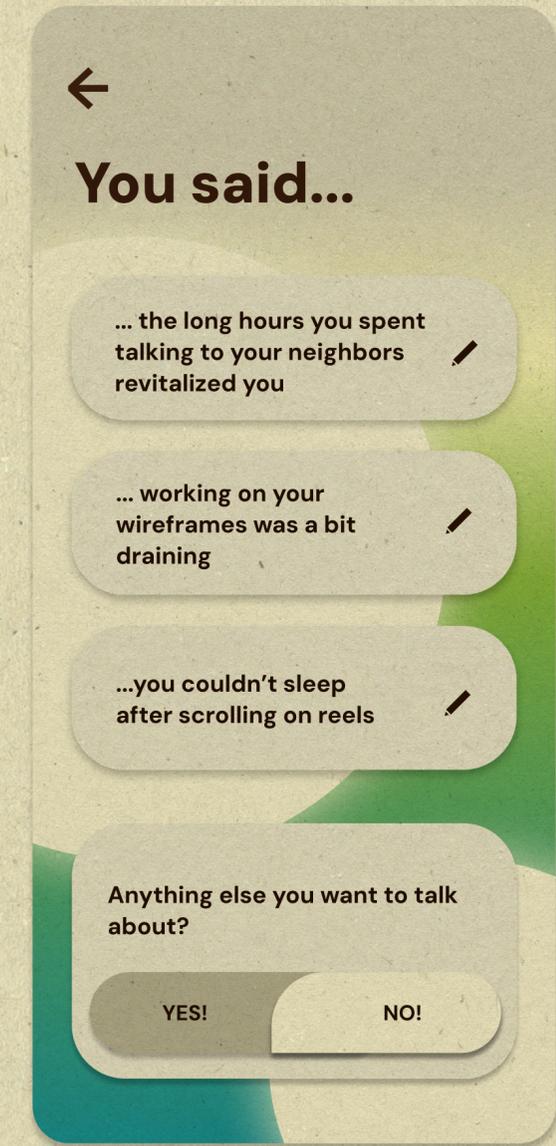


Major UI & Product Revisions

Unable to edit AI summary

Adding iconography to AI summarized points to indicate editing capabilities.

Allows users to know that they have the freedom to edit the summaries that they might not view as completely accurate.



Major UI & Product Revisions

Poor Text Contrast

Increased contrast between buttons and text color and made sure to not use a color scheme that would overwhelm the user.

Makes the viewing experience for the user more accessible, causes less visual strain.

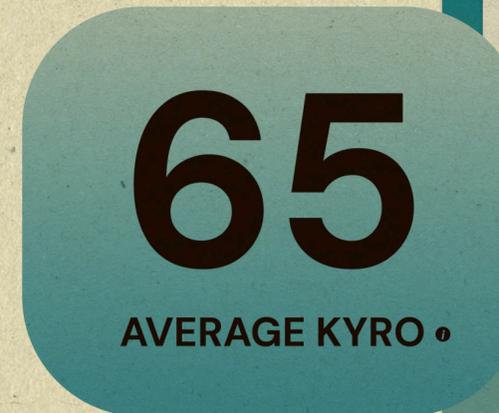
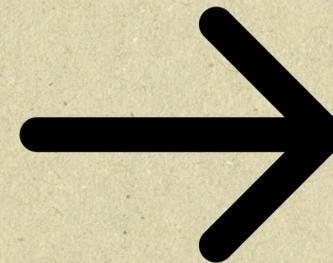


Major UI & Product Revisions

Giving more information about what Kyro Score is

Inform user on what a Kyro score measures, how it's taken, and what the score suggests.

Keeps user informed throughout platform, validates their curiosities, and minimizes potential confusion in other areas where Kyro Score is used.



+ info modal

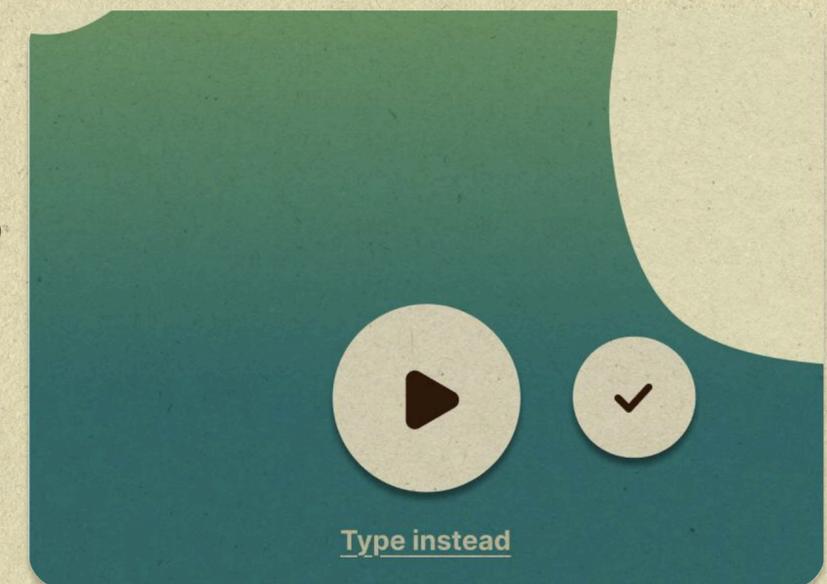
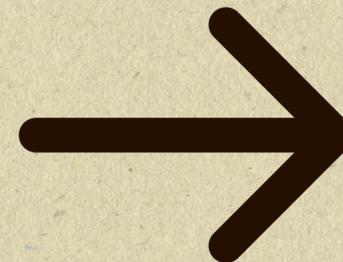
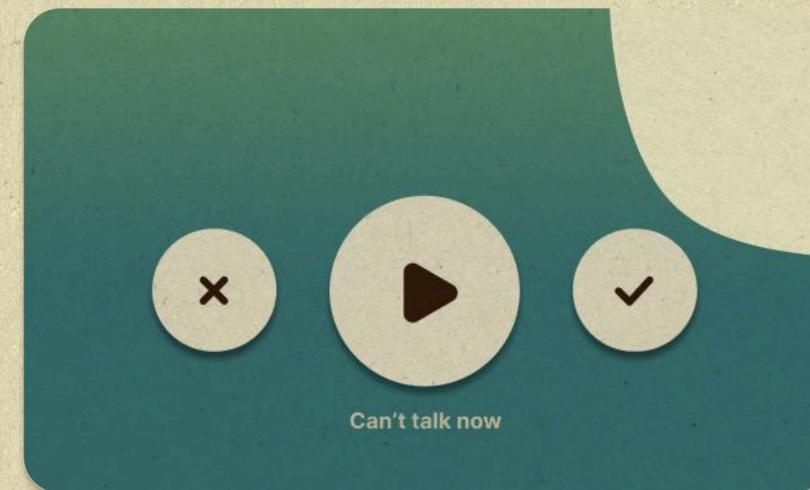


Major UI & Product Revisions

Ambiguous “can’t talk now” label

Changed label from “Can’t talk now” to “Type Instead” and underlined the phrase to more clearly indicate separate action and what it does.

Better informs the user of their options as they complete reflection taskflow.

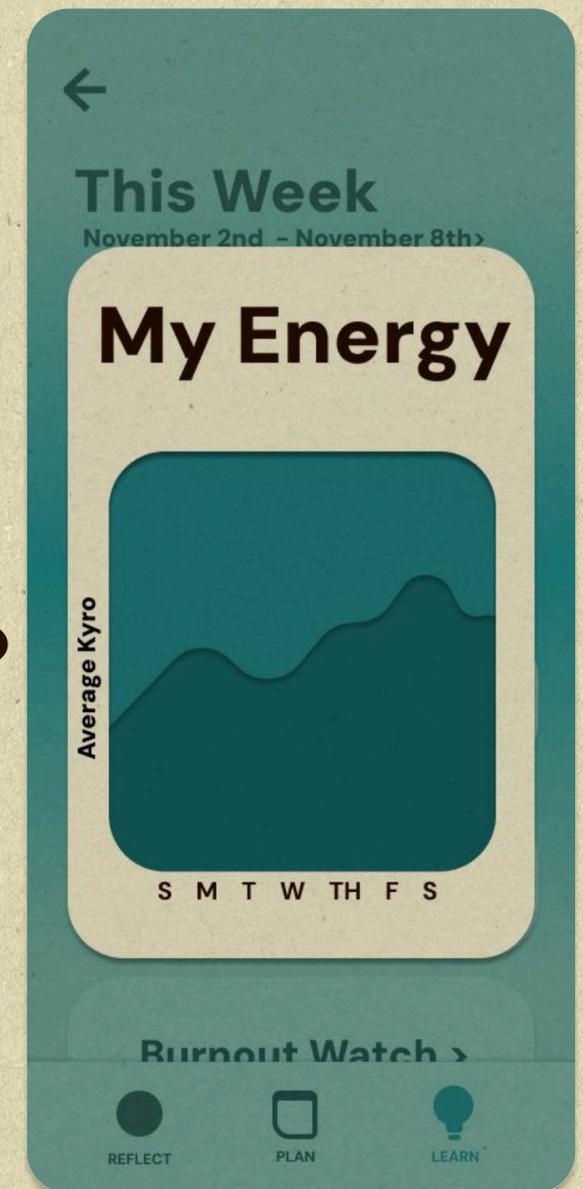
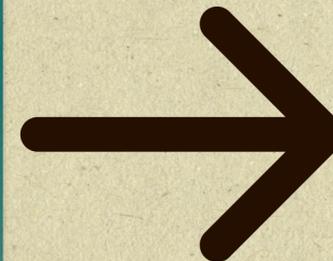
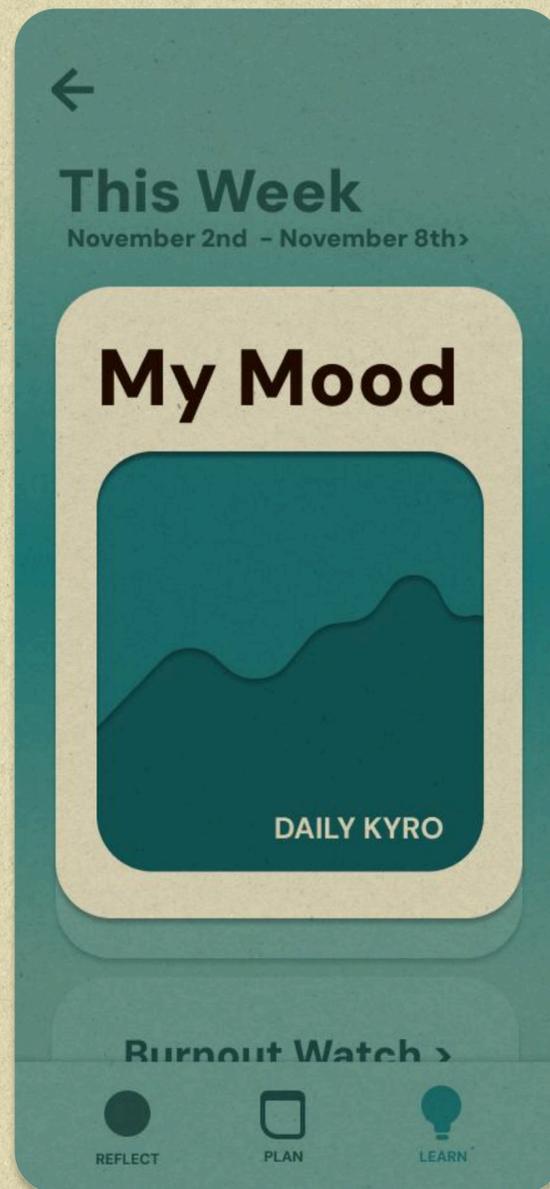


Major UI & Product Revisions

Insights graph lacks axes

Labeled X and Y axes to better inform user of what the chart represents; renamed chart from "My Mood" to "My Energy" to stay consistent with theme centered around energy.

Better aligns functionality with values and increases clarity.

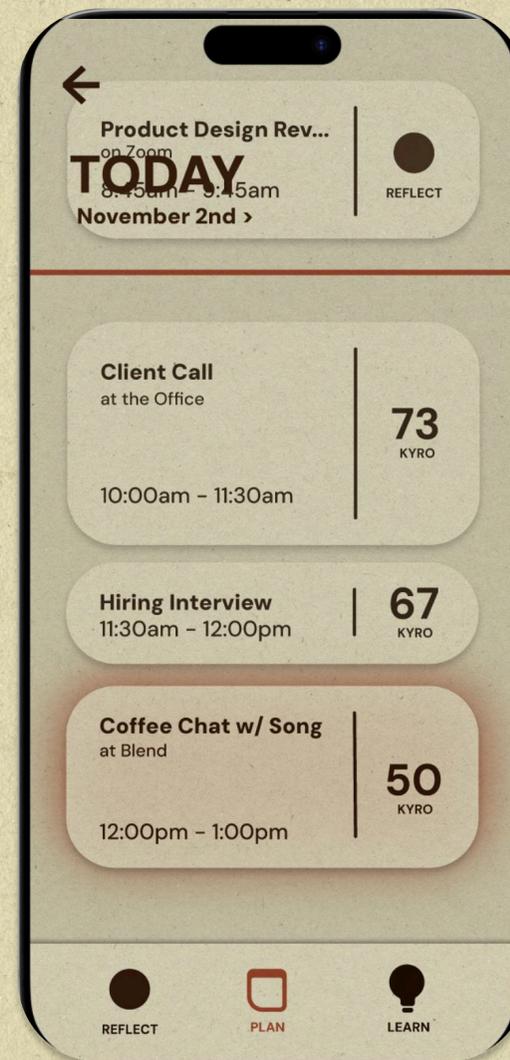


Major UI & Product Revisions

Data label gets covered

Added frame around events to separate screen scrolling from event scrolling, keeping the date label at the top uncovered.

Prevents cognitive overload from unnecessary stress of needing to read overlapping text.

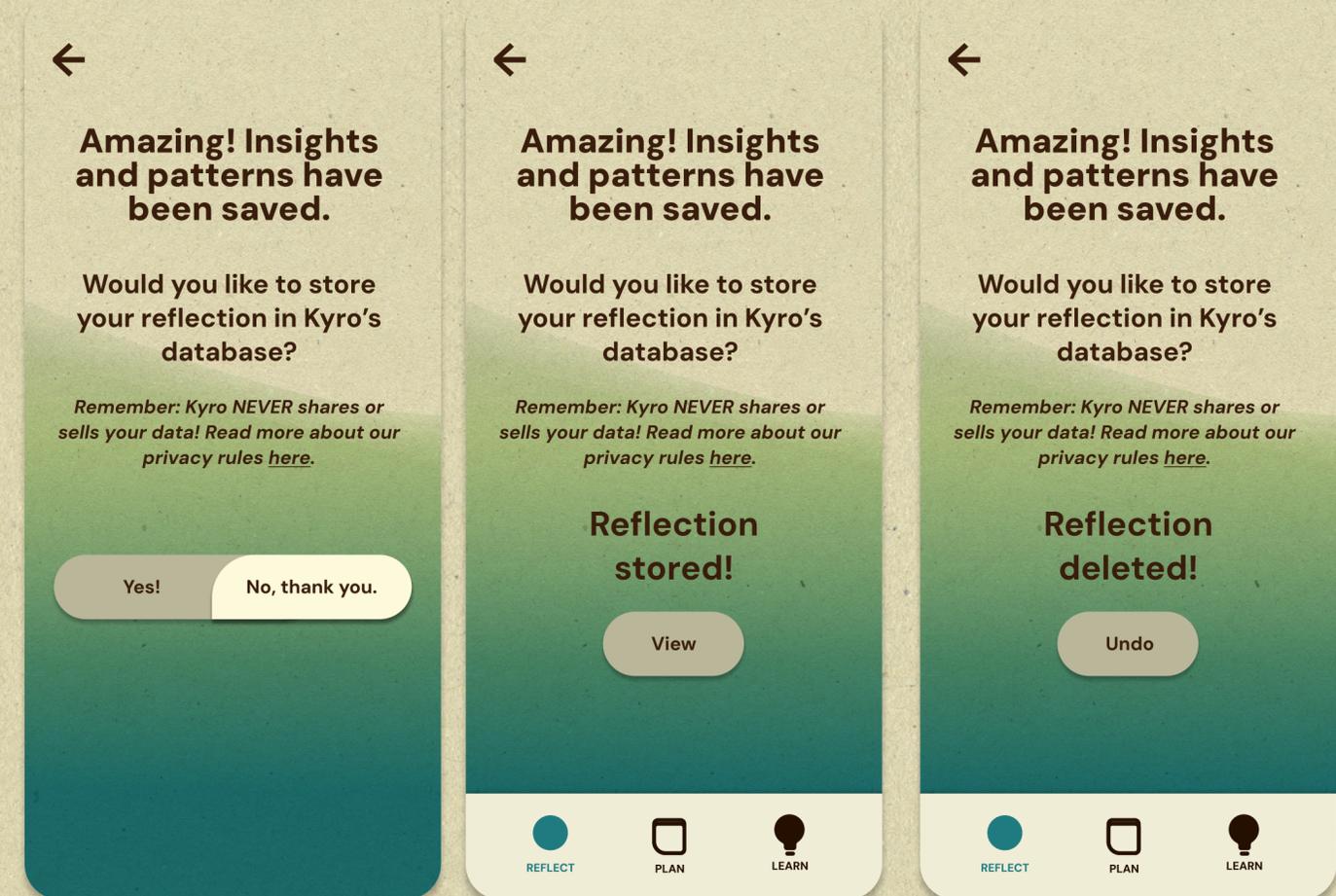


Major UI & Product Revisions

No save confirmation of verbal reflection

Confirm that insights and pattern information from user reflection was saved after speaking/chatting and allow user to decide whether or not the messaging/voice recording itself is stored.

Grants user the freedom to do what they want with their data and keeps them informed about system status (reflection captured).



Disputed Revisions

- **Back arrow gets hidden**
 - One-off error that occurred due to the nature of a Figma prototype (overlapping component in one overlooked instance).
 - Will ensure this case is more carefully screened in hi-fidelity prototype.
- **Cannot reach lesson completion**
 - Functionality that was not relevant to the medium-fidelity task heuristic evaluation; the implication in the README was unintentional, task flow will be fully implemented in final hi-fidelity prototype.

Prototype Implementation

Core Tech/ Frameworks

- React Native
- Expo SDK
- JavaScript
- TypeScript



Backend

- Firebase Auth
- Google Calendar API
- Supabase (planned)
- Gemini/Claude API

Tools

- Git
- VsCode & Co-Pilot
- Figma

AI Usage

Claude/Gemini assisted in implementation structuring and placeholder summary generation templates.

In-line editing tools Co-Pilot/Cursor assisted with syntax and implementation.

This has increased and expedited our developing speed.

However, as we worked with the tools, we could make sure that functionality was implemented correctly

Implemented Features

Reflection Submission

- **Typing mode fully works end-to-end:**
- **Home Screen - Calendar events displayed using real API call when logged in, else fallback.**
- **Full stack navigation + custom bottom tab bar.**

Voice mode appears functional (UI-wise), but does not capture real audio.

Unimplemented Features and Plan to Finish

We are planning on furthering implementation of styling to be even more coherent with the **design systems** over break to ensure consistencies across all task flows while focusing on functionality first.

- Real voice transcription
- AI-generated summaries
- Firestore saving
- Plan / Learn tab content

Week 1 (now): Finish AI summary integration + polish reflection flow.

Week 2 (thanksgiving): Firestore saving + optional secondary tabs.

Wizard of Oz techniques

We are not using Wizard of Oz techniques in our prototype as of now.

However, in a future testing setup, we could listen to a participant's actual audio, manually transcribe it, and input a corresponding emotional summary as well as ask for a brief summary of their calendar and personalize their experience.

Hard-coded Aspects

- All dialogue (“I’m listening...”, “You said...”)
- Reflection summaries
- Emotional labels & weekly insights
- Mood graphs and stats
- User persona (name displayed in app)
- Background textures, gradient design, and illustrated face assets
- Color Change based on emotion

These ensure a consistent, stable testing experience.

Issues/Questions

Priorities:

- **AI Summary functionality**
- **Import calendar option**
- **Analytics tab**

Concerns:

- **Unsure whether the LLM API we choose (Gemini/Claude) will be fast and reliable enough to support real-time summarization during the demo. If latency is high, what level of Wizard-of-Oz simulation is acceptable?**

Discussion on Plan for Finishing

Gil

- **Navigation, voice UI, Summary flow, Expo builds**

Amesha

- **Calendar API, AI summarization, Firestore integration**

Gabriella

- **UI/UX, design polish, animations, microcopy**

Bennie

- **Layout consistency, assets, documentation, accessibility**