INTERACTIVE HIGH-FI PROTOTYPE

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WHO WE ARE

SOFIA KIM

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Symbolic Systems
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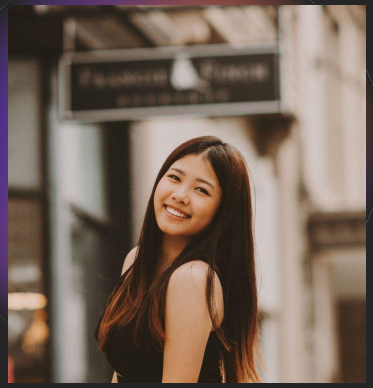

JENNIFER QUACH

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Symbolic Systems
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AGENDA

1. HE RESULTS
2. REVISED DESIGN
3. PROTOTYPE IMPLEMENTATION
4. DEMO
5. SUMMARY

AGENDA

1 HE RESULTS

2 REVISED DESIGN

3 PROTOTYPE IMPLEMENTATION

4 DEMO

5 SUMMARY

HEURISTIC EVALUATION BREAKDOWN

55 TOTAL VIOLATIONS

1	Severity 4 Issue
13	Severity 3 Issues
28	Severity 2 Issues
13	Severity 1 Issues

MOST VIOLATED HEURISTICS:

H4: Consistency & Standards (9)

H11: Accessible (9)

MOST VIOLATED HEURISTICS:

H4: Consistency & Standards (9)

Inconsistencies in language and wording that don't align within the platform as well across industry standards

H11: Accessible (9)

MOST VIOLATED HEURISTICS:

H4: Consistency & Standards (9)

H11: Accessible (9)

Content is hard to see: font size is too small and color pairings don't allow for enough contrast

RECAP OF TASKS

SIMPLE

Complete an individual challenge–users view and complete individual festival tasks

MODERATE

Add a friend and *connect with others* in the community

COMPLEX

Group challenge--users join or create a group to complete community tasks (i.e. create a totem for your group, coordinate outfits)

SIMPLE TASK REVISION OVERVIEW

View and complete individual festival tasks

SIMPLE TASK REVISION OVERVIEW

View and complete individual festival tasks

9 Revisions Made

- 1 major revision
- 8 minor revisions

MAJOR REVISION 1

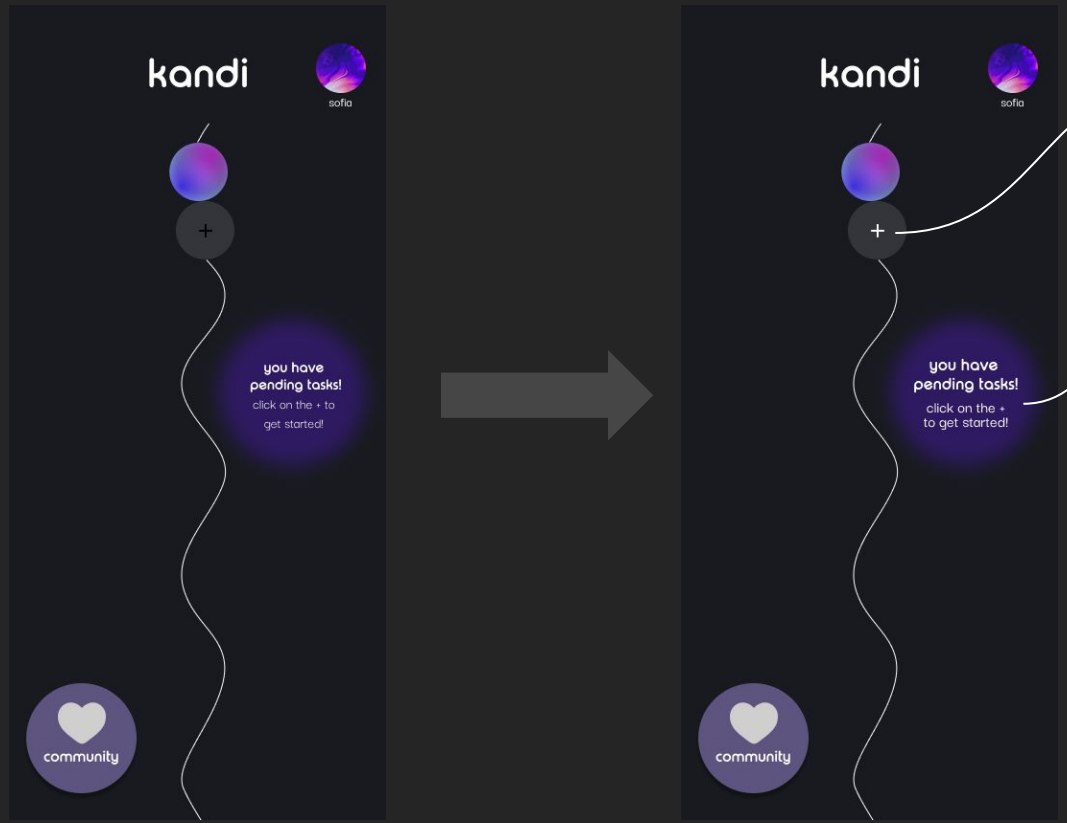
Persisting “Pending Tasks” Notification

HI: Visibility of System Status — Severity 3

ISSUE:

The “you have pending tasks” notification is not shown despite still having tasks to complete

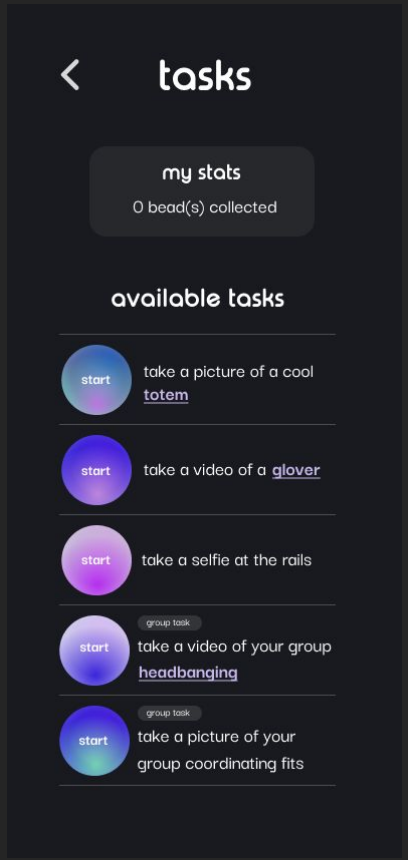
MINOR REVISIONS: Homepage

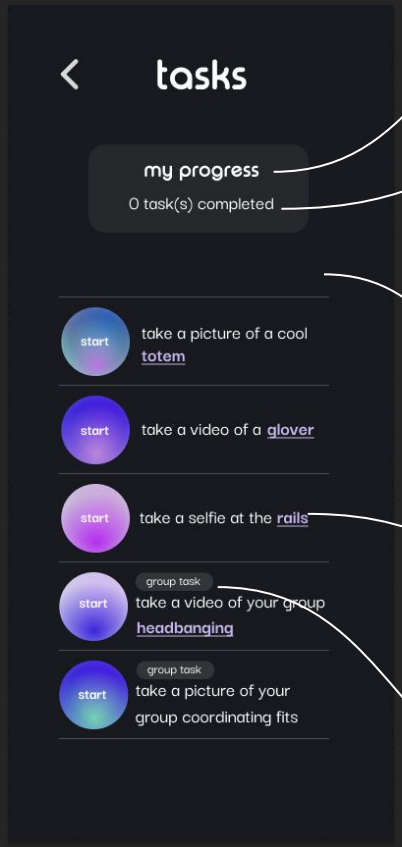


Minor Revision 1: H11
Changed color of + button

Minor Revision 2: *H5, H11*
Changed font size

MINOR REVISIONS: Task Page





Minor Revision 3: H8
Changed to more accurate wording

Minor Revision 4: *H8*
Changed to more accurate wording

Minor Revision 5: *H8*
Removed redundant header

Minor Revision 6: *H2*
Added definition for “rails”

Minor Revision 7: *H11*
Increased font size

MINOR REVISIONS: Image Selection Page

Minor Revision 8: H6
Added reminder of current task

MODERATE TASK REVISION OVERVIEW

Add a friend and *connect with others* in the community

MODERATE TASK REVISION OVERVIEW

Add a friend and *connect with others* in the community

10 Revisions Made

- 3 major revisions
- 7 minor revisions

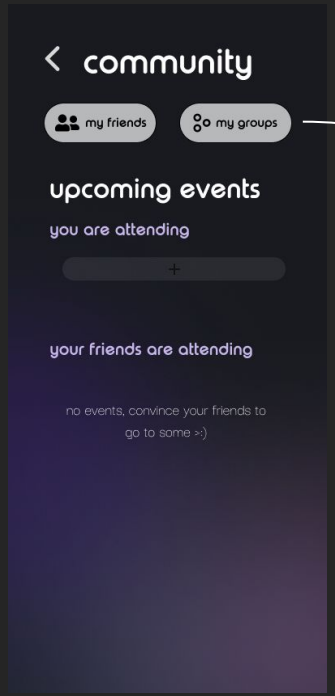
MAJOR REVISION 2

Additional Ways to Create Group

H6: Recognition rather than Recall, H7: Flexibility and Efficiency of Use— Severity 3

ISSUE:

The only way to create a group is by starting a group task. Users will have to remember this.



Added “my groups” tab in the Community page

MAJOR REVISION 3

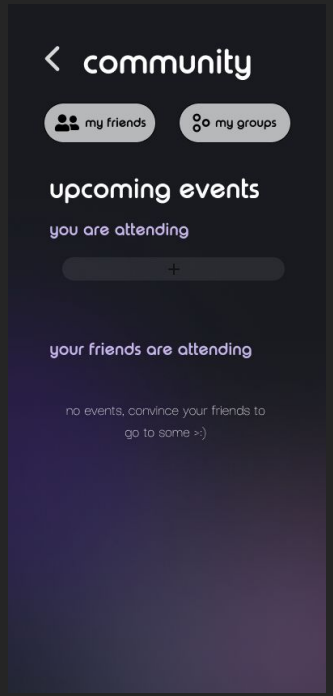
Redesigned Events Tab

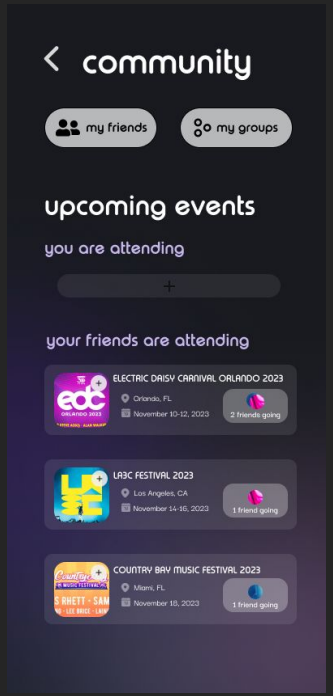
H7: Flexibility & Efficiency of Use— Severity 3

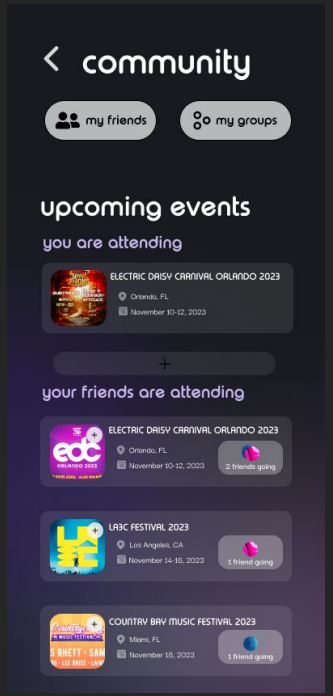
H3: User Control & Freedom, H7: Flexibility & Efficiency of Use, H5: Error Prevention —Severity 2

ISSUES:

- Can’t see own events in “upcoming events”
- Can’t directly add events friends are going to
- No escape hatch from “add event”
- Can only discover new events through “my events” back to community







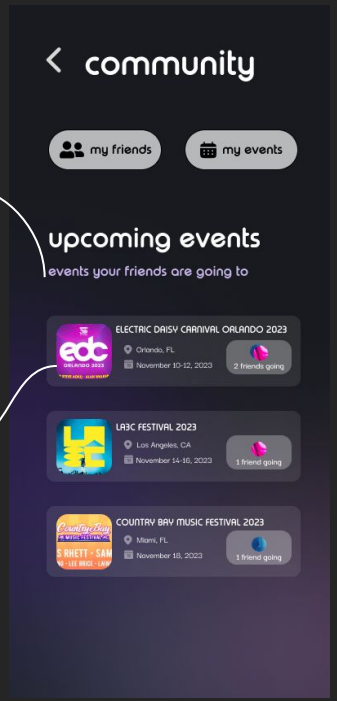
Revised Design - Moderate Task

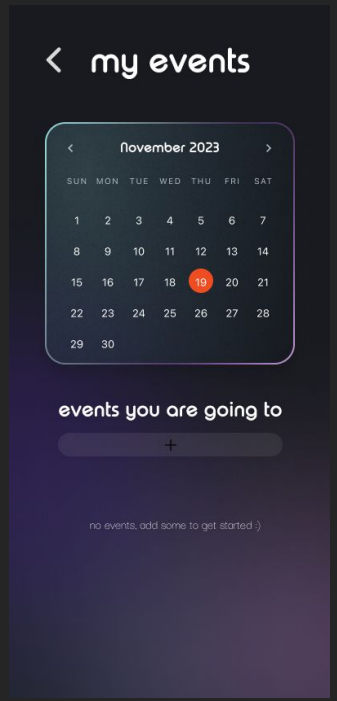
MAJOR REVISION 3

Events Tab Before

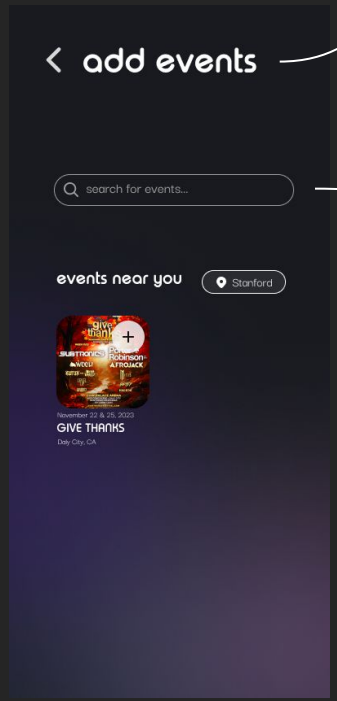
Can't see own events in "upcoming events"

Can't directly add events friends are going to

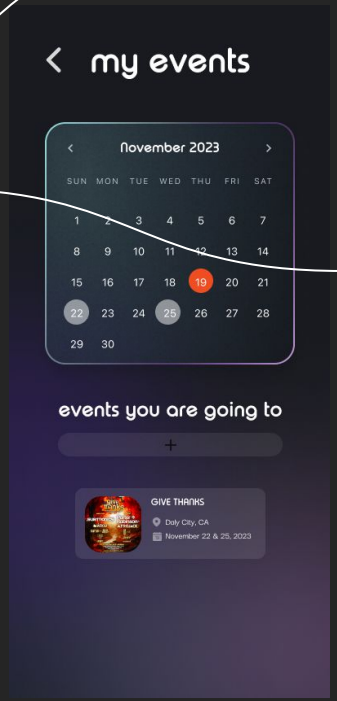




No escape hatch to community page



Can only discover new events through "add events"



MAJOR REVISION 3

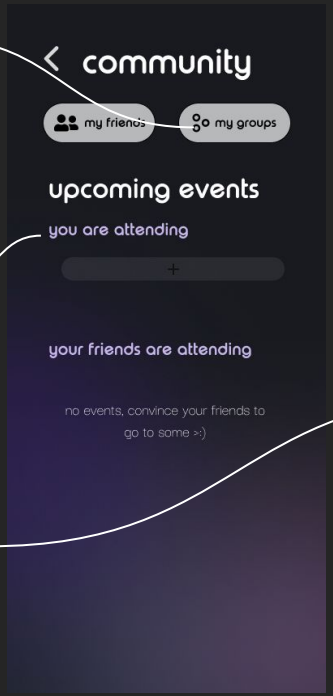
Events Tab After

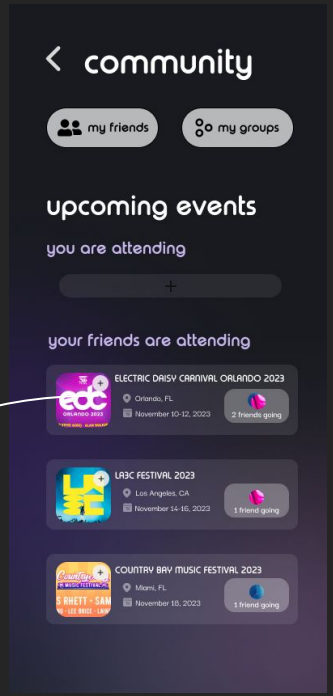
Removed “my events” tab altogether

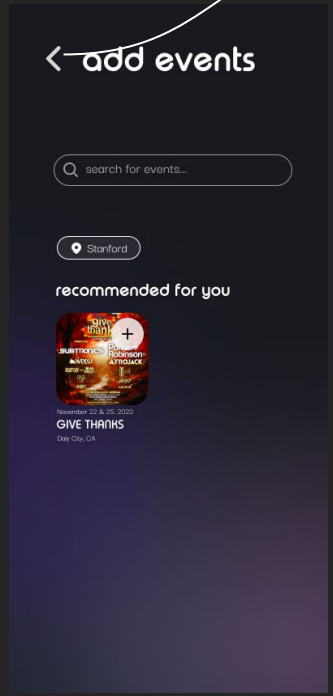
Can see own events directly

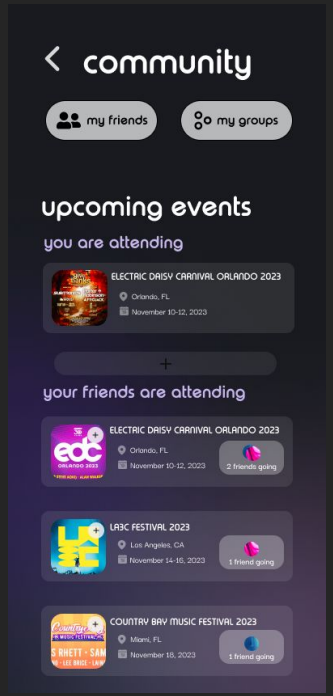
Can add events friends are attending

Direct escape from “add events” to community







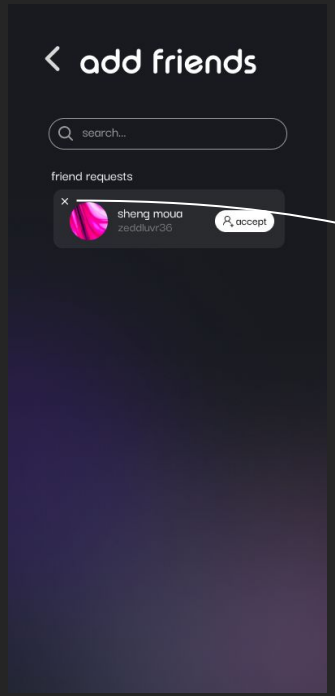


MAJOR REVISION 4

Friend Request Decline Option

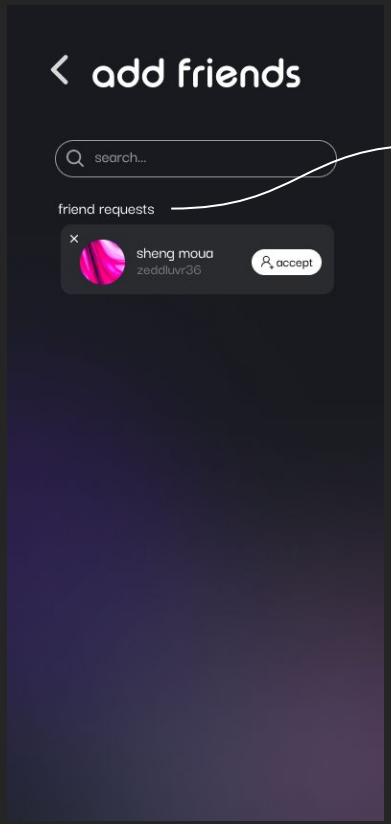
H4: Consistency & Standards— Severity 3

ISSUE:
Can't decline friend requests

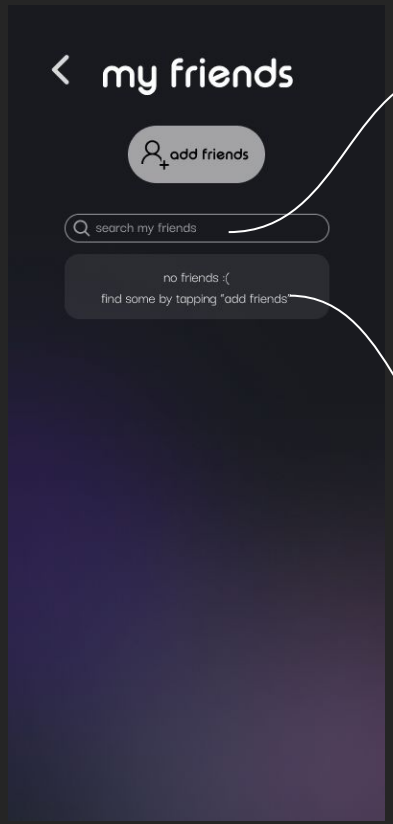


Added way to decline friend requests

MINOR REVISIONS: Friends Feature



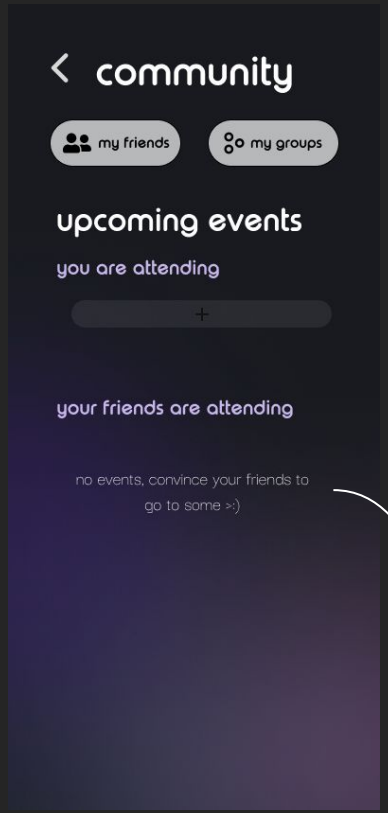
Minor Revision 9: H4
Changed title to “friend requests instead of “added me”



Minor Revision 10: H4
More specific search bar

Minor Revision 11: H9
More descriptive error message

MINOR REVISIONS: Community Tab



Minor Revision 12: H11
Increased font size

COMPLEX TASK REVISION OVERVIEW

Join or create a group to complete community tasks

COMPLEX TASK REVISION OVERVIEW

Join or create a group to complete community tasks

4 Revisions Made

- 1 major revision
- 3 minor revisions

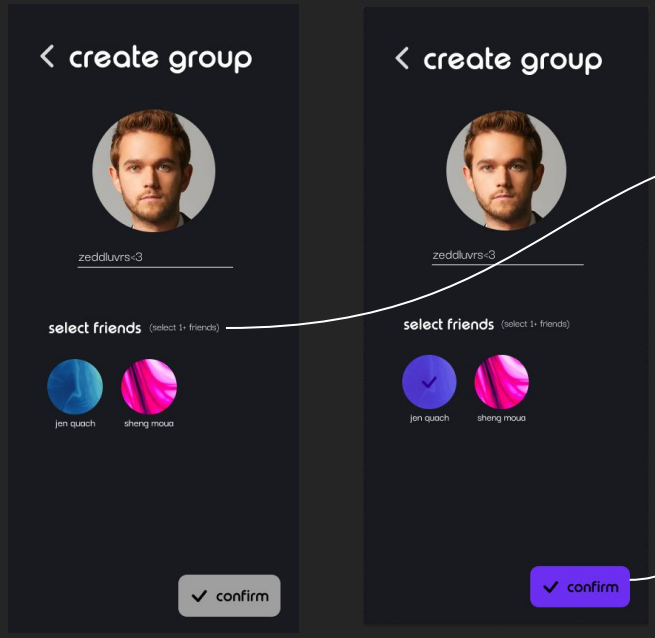
MAJOR REVISION 5

Group Sizing

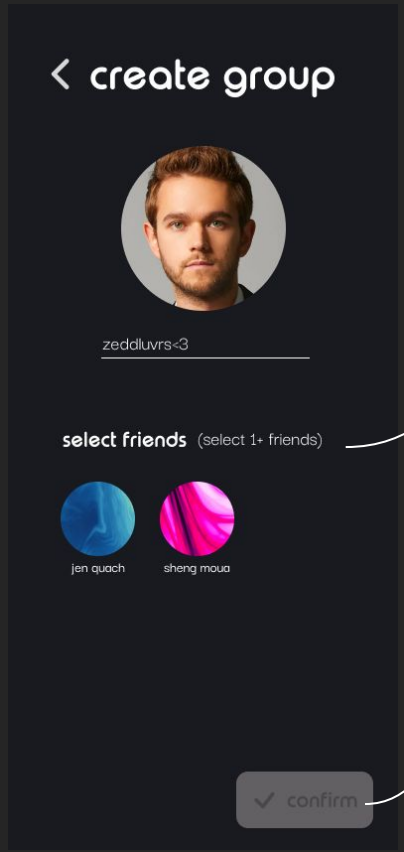
HI2: Inclusion — Severity 3

ISSUE:

Can only complete tasks in a group of 3+ which may make users feel excluded



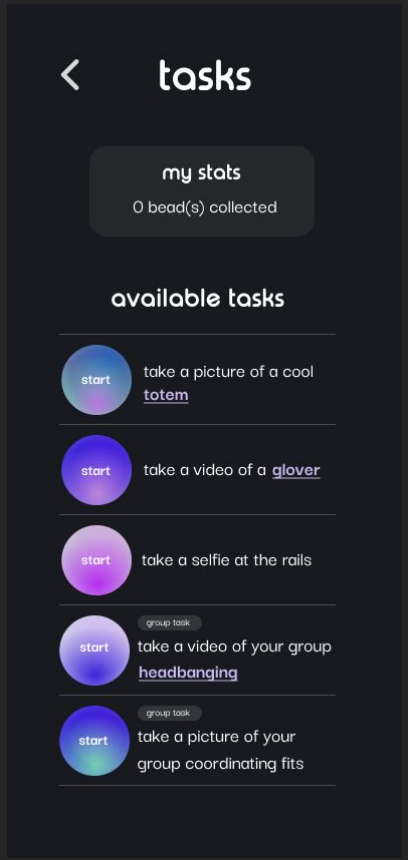
MINOR REVISIONS: Create group

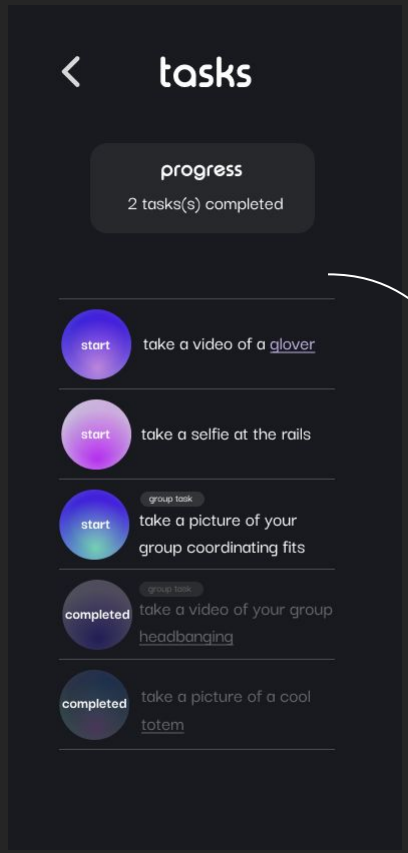


Minor Revision 13: H11
Made font size bigger

Minor Revision 14: H9
Greyed out confirm button to show it isn't clickable yet

MINOR REVISIONS: Task Page





Minor Revision 15 : *H8*
Removed confusing header

REVISION SUMMARY

23 TOTAL REVISIONS

5 Major Revisions

15 Minor Revisions

3 Additional Revisions
(View in Appendix)

33 Heuristic Violations Addressed

REVISION SUMMARY

27 TOTAL REVISIONS

5 Major Revisions

15 Minor Revisions

3 Additional Revisions
(View in Appendix)

37 Heuristic Violations Addressed

OUR REVISION RATIONALE

- Does this align with our values? (inclusivity, community, efficiency, joy of use)
- Is this a feature essential to our main tasks?
- Can we program this given our timeframe?

AGENDA

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3 PROTOTYPE IMPLEMENTATION

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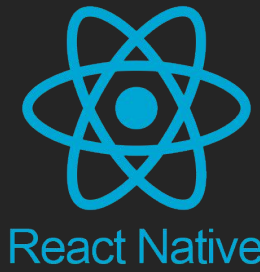
TOOLS USED

EXPO GO

Application framework

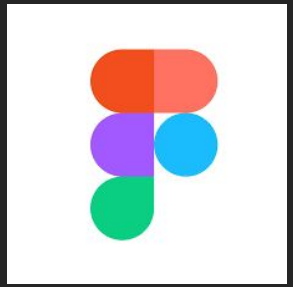


REACT NATIVE

Software development kit

VSCODE

Integrated development environment



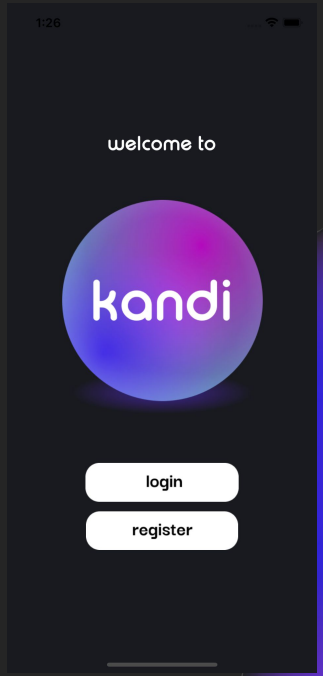
FIGMA

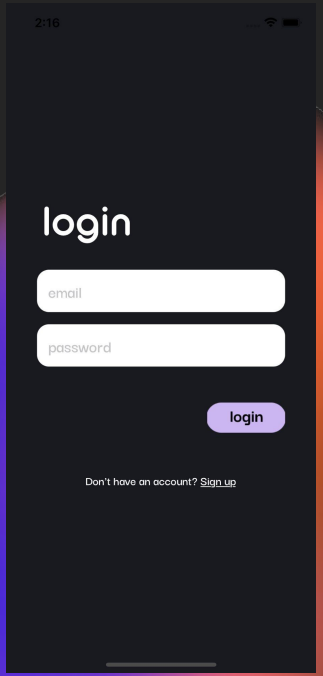
Design components

IMPLEMENTED FEATURES

Onboarding: User logs into existing account ✅

- Users begin with entering their information to login or sign up for an account (second option in progress)

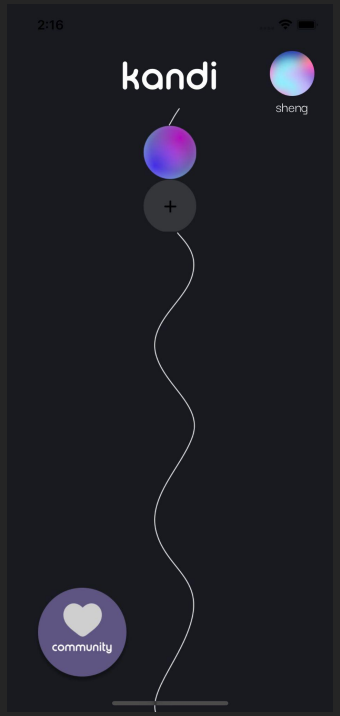


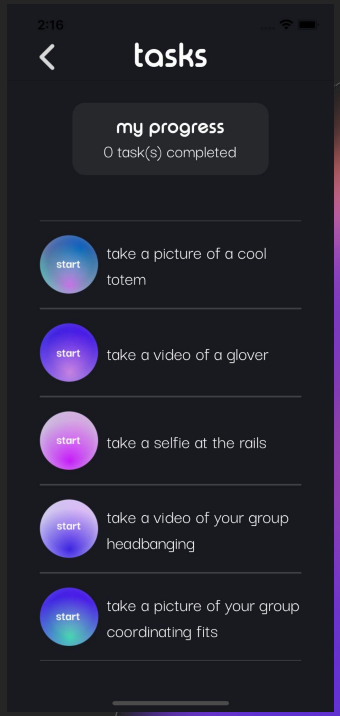


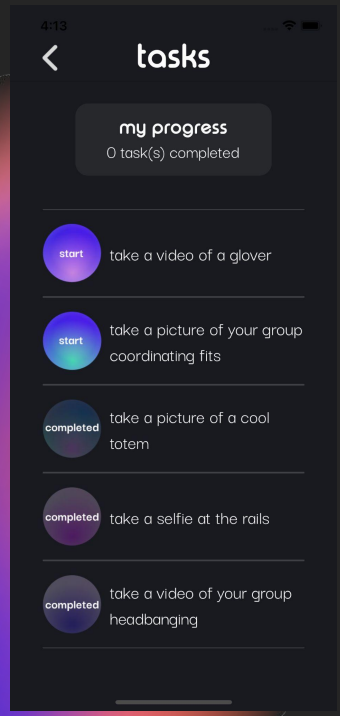
IMPLEMENTED FEATURES

Simple Task: View and complete individual festival tasks ✅

- Homepage and tasks page are now functional in code
- Tasks page is accessible from
  the home page, users can now follow the process to complete an individual task
  with their own phone camera







UNIMPLEMENTED FEATURES

Our intended features

- Adding a new friend
- Completing a group task (and creating a group)
- Communities tab with a personalized festival list
- Account creation & onboarding screens

UNIMPLEMENTED FEATURES

Our plans to implement intended features

- Integrate database to save users' data & transfer information between screens
- Aesthetic improvements for a dynamic user experience (motion graphics, sounds, and animations)
- Access a festival database (Ticketmaster's) for scheduling feature

WIZARD OF OZ TECHNIQUES

- **Adding a friend** – we will be managing the profile and “adding” back the user
- **Image verification for task completion** – pictures are automatically verified and authenticated regardless of image uploaded

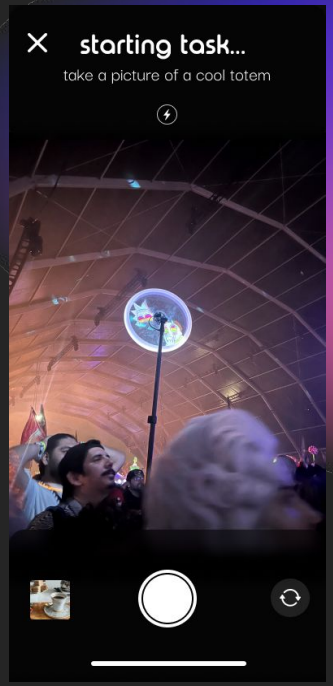
HARDCODED ASPECTS

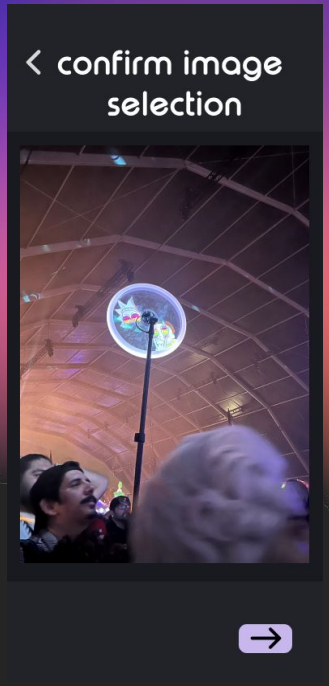
- Users log into a hard coded account with name and profile picture automatically filled (temporary)
- Task generation

ISSUES/QUESTIONS

We need to address **how to customize the camera and camera roll interfaces within our app**, as shown below.

Our current tool, Expo Image Picker, offers a basic camera layout which doesn't align with our desired aesthetic or functionality. The challenge is to enhance this feature to display task progress visually while staying within the Expo framework.





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SUMMARY

- **23 total revisions** based on heuristic evaluations
- **Tasks 2 & 3** need to be fully implemented into hi-fi prototype
- **Temporary hard coded items** will be **replaced** with more functional features
- **All final touches** will be completed by the **deadline**

THANKS!

Questions?

Contact us!
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smoua@stanford.edu
tmquach@stanford.edu

HE Revisions Appendix

link

LINK TO FIGMA PROTOTYPE

https://www.figma.com/proto/uNvzGnBBYrtMqi6hSX6bYu/kandi-CS147-AU23?type=design&node-id=303-964&t=JqOvmkCQDaeFfddT-0&scaling=min-zoom&page-id=303%3A498