

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	4	0	1	5
H2: Match b/w System & World	0	1	0	2	0	3
H3: User Control & Freedom	1	1	0	0	1	3
H4: Consistency & Standards	0	3	2	3	1	9
H5: Error Prevention	0	2	2	1	0	5
H6: Recognition not Recall	0	0	3	2	0	5
H7: Flexibility & Efficiency of Use	1	0	2	0	0	3
H8: Aesthetic & Minimalist Design	0	3	1	1	1	6
H9: Help Users with Errors	0	0	0	0	0	0
H10: Help & Documentation	0	0	0	0	0	0
H11: Accessible Design	0	0	0	2	1	3
H12: Value Alignment & Inclusion	0	0	0	1	0	1
Total Violations	2	10	14	12	5	43

- 43 violations
- 5 sev 4, 12 sev 3
 - 11.6% sev 4
 - 27.9% sev 3
- Most common violations are size of buttons, clarity of clickable items, general colour scheme, and general lack of confirmation / making event joining clear
- Most common violations are H4: Consistency and Standards, and H8: Aesthetic and Minimalist Design
 - Other common violations are H5: Error Prevention, H6: Recognition not Recall, and H1: Visibility of System Status
- TOTAL NUMBER OF REVISIONS
 - 22 revisions

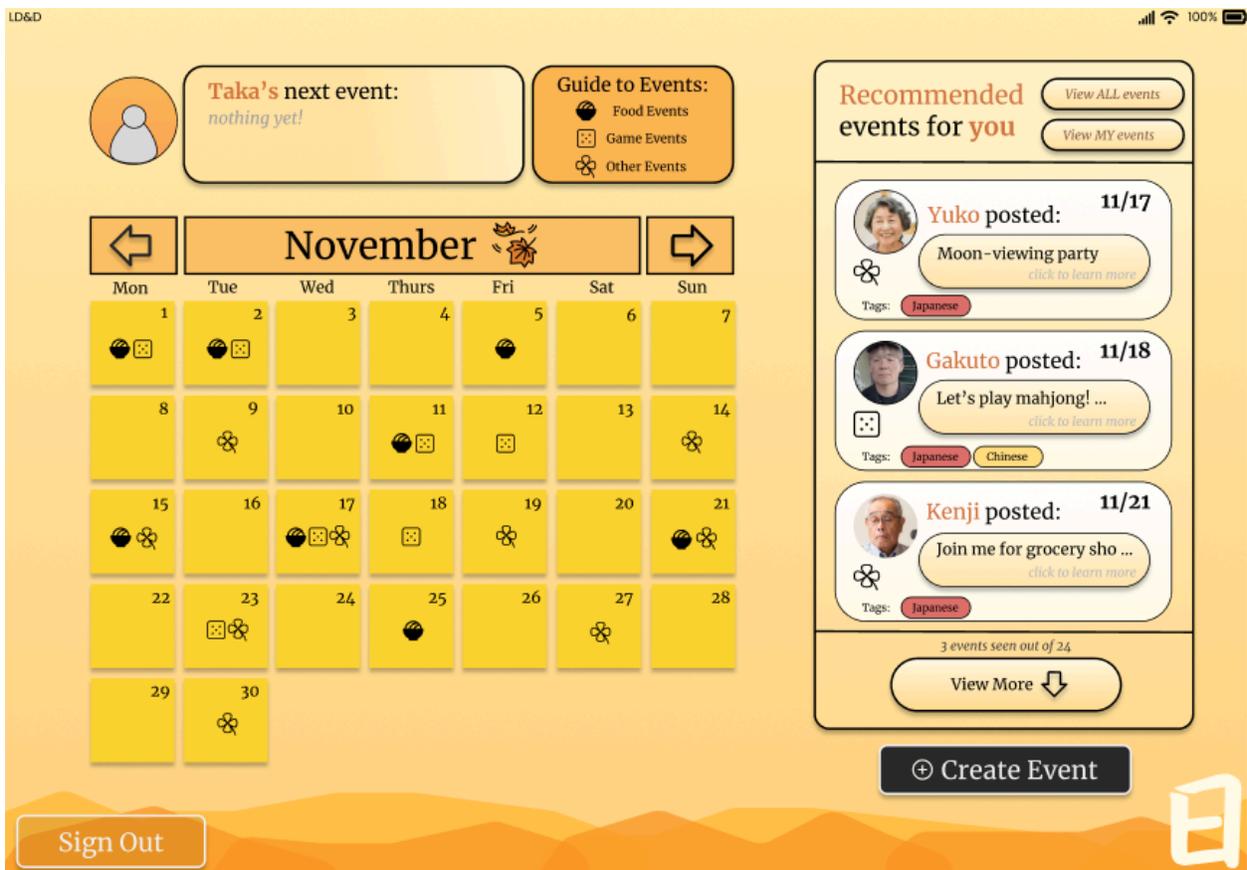
Changes to address 3 and 4 severity violations:

- iPads aren't accessible
 - The statistic that tablets are only used by 18% of seniors, has a different indication when you understand that only 39% of seniors use smartphones.
 - There has been a movement by nonprofits and public agencies to increase tablet use to increase senior digital literacy, notably the city of Elizabeth in NY distributed over 100 tablets to low-income seniors. There is an understanding that when it comes to digital literacy, "for older adults with impaired vision and reduced dexterity, a larger screen size and better screen resolution are crucial for device usability", hence the focus on tablet use. Thus, we will maintain our focus on tablet applications, as we believe we can still effectively target the older adult population.
- Moving between screens
 - Making navigation more clear by having join status visible, confirmation screens, and having the contribution button appear after joining so it feels more optional rather than step-based.
- Calendar view
 - Kept calendar present as we want to keep screen as static as possible for ease of understanding and relation to real world.

- However, we increased calendar usability and purpose by strengthening calendar navigation- navigation through the calendar rather than the sidebar is more prioritised and will show events per day.
- All buttons look the same
 - Got rid of the “pill-shaped” buttons and kept them more square-like. Also removed pill-shaped borders for non-buttons so that the difference is made more clear.
- Review event details
 - Made a more clear back button on the contributions page to return back to event details- whereas leaving the event / exiting are located elsewhere.
- Current day
 - Added a marker on the calendar to show the current day
- Back button is redundant
 - Changed this button to leave event, and the back button takes you to event details again without leaving the event
- Icons are confusing
 - Removed icons and used a grey dot instead (similar to google calendar), as this is less confusing and overwhelming
- Back button
 - This is a general Figma issue, we didn't have enough time to create enough screens for this- was fixed in hi-fi as it is a status issue
- Contribute to your own event
 - Got rid of this option! No ability to contribute to your own event now
- Date vs. Timestamps
 - Made timestamps more clear by adding a range of time to choose, so it is more clearly a separate indication
- Redundant use of term tags
 - Since icons were removed, also got rid of double selection for tags. There is now a tagging screen that allows users to select tags for language and event type
- Input options
 - In Hi-Fi, plan to add more audio options and the device's built-in text-to-speech features
- Poor colour scheme
 - The screen is too yellow. Removed this shade of colour, while keeping the background the same (as studies have shown that warm tones are less overwhelming and calming to users), we changed calendar colour to white, along with most of the sidebar
- Event filters
 - The filtering buttons were not intuitive. Changed the structure from buttons to a bar, so that the buttons do not change per screen and are easier to follow.
- Phone number formatting
 - Fixed the formatting here to make it more clear - XXX XXX XXXX
- Busy background

- We believe that the business of the background is a result of the overuse of warm tones throughout the screen. By changing the calendar boxes and sidebar colours, we believe that the background is less overwhelming. We decided to keep the design in the background because we believe it is calming to the user and has a unique aesthetic design.
- Non-inclusive
 - This is a result of Taka selecting East Asian cultures in the sign-up screen. However, added more varied events in the all events screen to present more diversity

UI Product Revisions:





- Removed icons - too overwhelming, using grey dots instead
- Removed boxes in boxes in boxes - harder to read and not sure what to click
- Made buttons more clear - more square-shaped
- Create Event goes from black to white - black buttons are more associated with exiting, so confusing
- Changed colours in calendar and sidebar- less overwhelming and not an overuse of warm tones
- Made text larger and more readable with revitalised space
- Circle to show current day
- Tags are larger- easier to read and at apple text standards
- Changed filtering buttons- a bar that is easier to navigate and doesn't change per screen

Usability goal progress

- User can easily navigate between the different sections (calendar view to panel view).
- The text and icon sizes are easily readable for users with varying vision abilities.
- Users can easily recover from mistakes (e.g. press back button).
- Users can complete all three key tasks in a minimal number of steps and amount of time.

LD&D 100%



Taka's next event:
nothing yet!

Guide to Events:

-  Food Events
-  Game Events
-  Other Events

Recommended events for you View ALL events

View MY events

←

November 

Mon	Tue	Wed	Thurs	Fri	Sat	Sun
1  	2  	3	4	5 	6	7
8	9 	10	11  	12 	13	14 
15  	16	17   	18 	19 	20	21  
22	23  	24	25 	26	27 	28
29	30 					

→



Gakuto's event on 11/18:

Let's play mahjong! 

Looking for 3 people to play with.

Tags:

- Japanese
- Chinese



When: November 18th at 12:00 p.m.

Where: Chinatown Park 

 3/4 people have joined

Help contribute?

Exit
Join event

+ Create Event



Sign Out

LD&D 100%



Taka's next event:
nothing yet!

Recommended events

ALL events
RECOMMENDED events
MY events

←

November 

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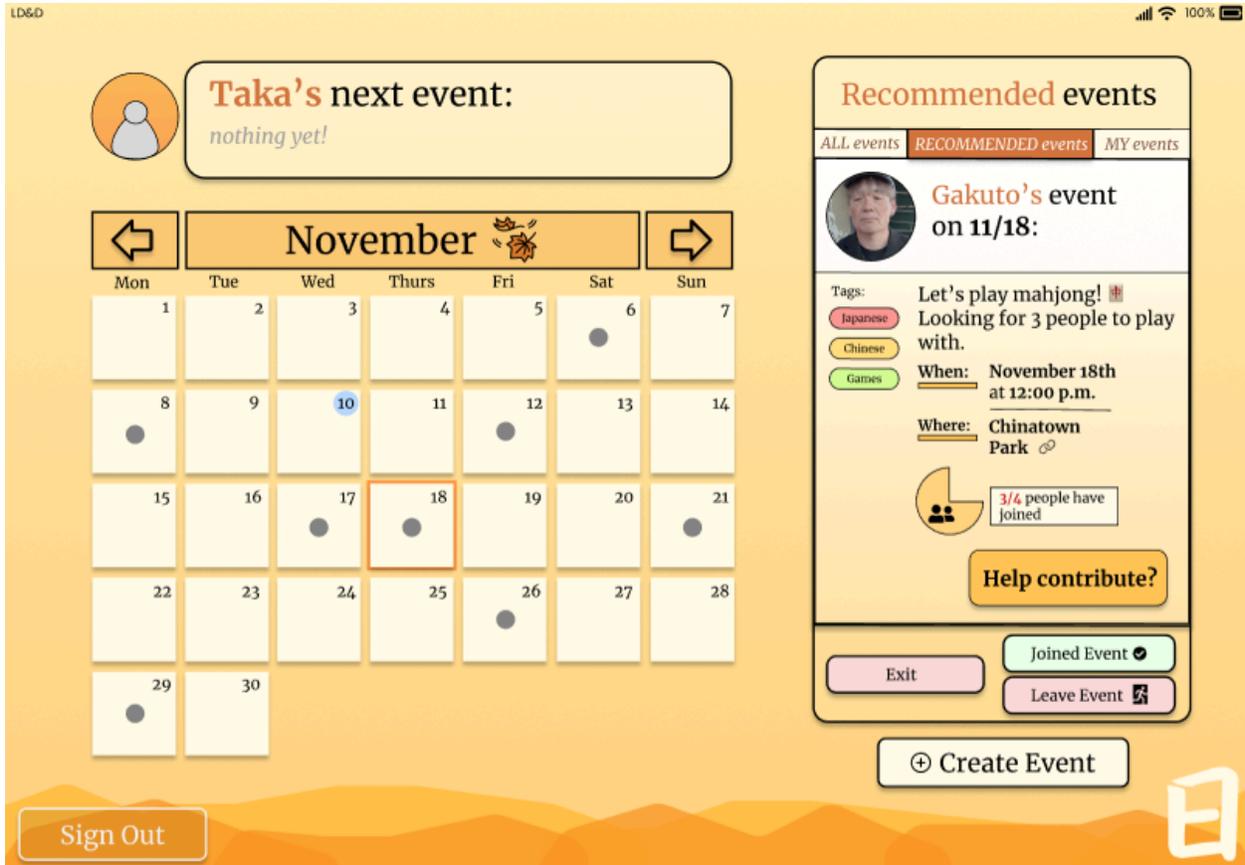
 3/4 people have joined

Exit
Join event

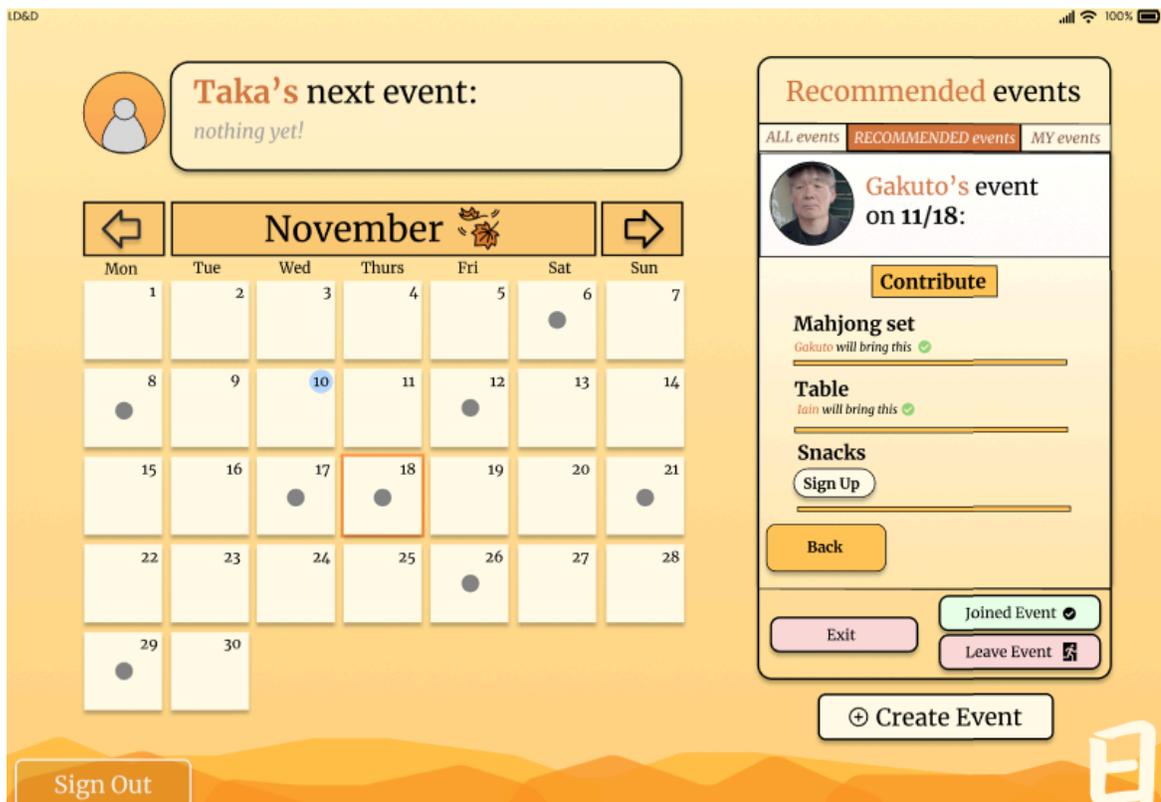
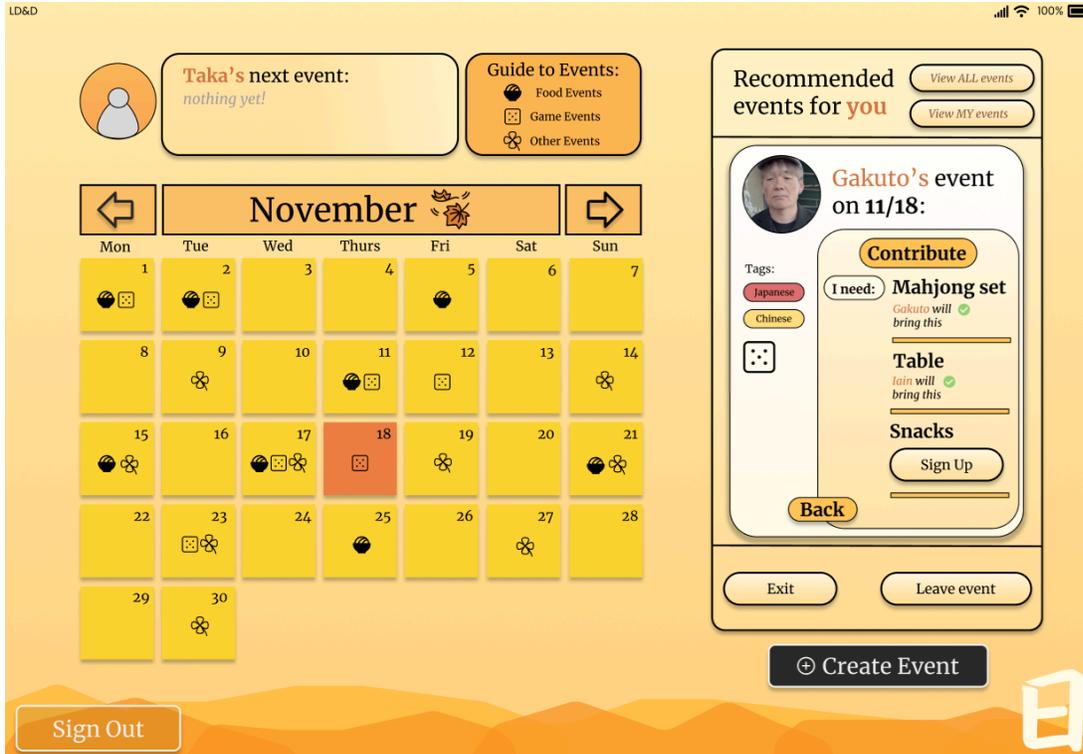
+ Create Event



Sign Out



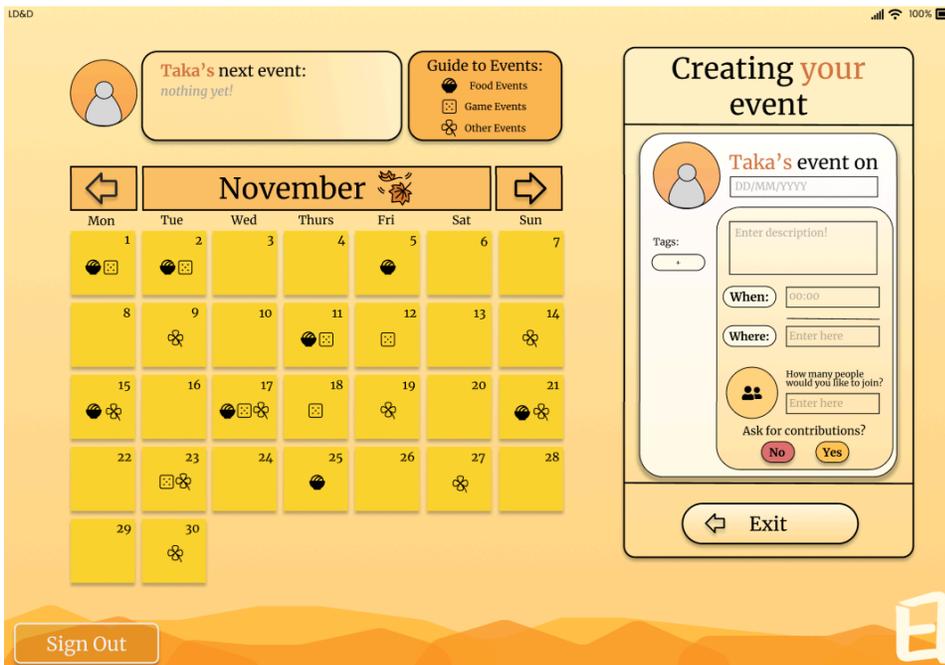
- Increased space for event details - less varying colours so text is easier to read and less overwhelming
- Contribute button only appears after joining the event - which has confirmation as well - error prevention and making it less step-based
- Added joined event and leave event buttons after joining, which makes system status more clear

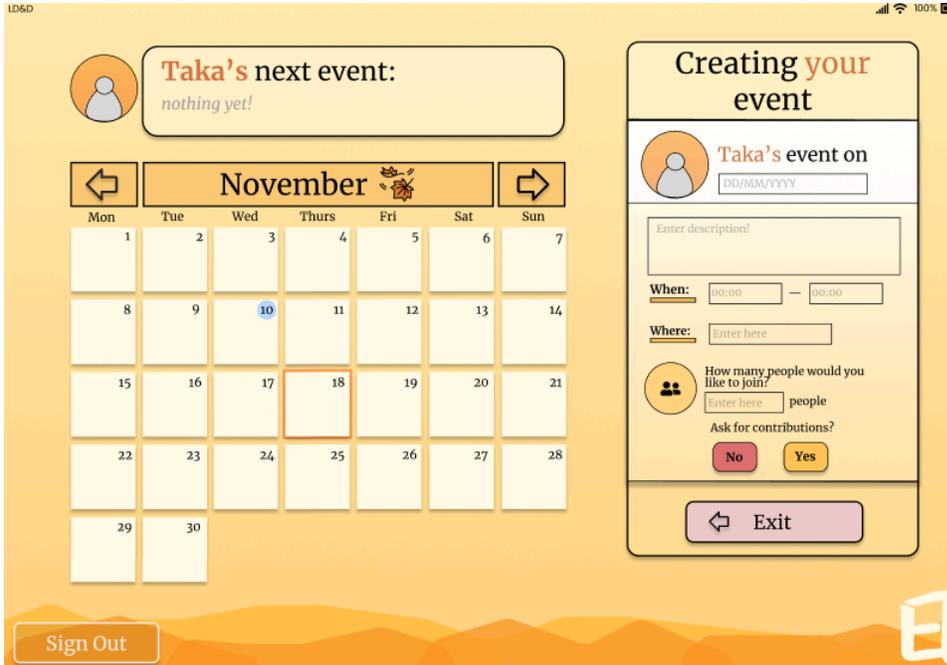


- More space for contributions - easier to read and understand
- More clear back button - allows you to return to event details without leaving event, more clarity and user freedom



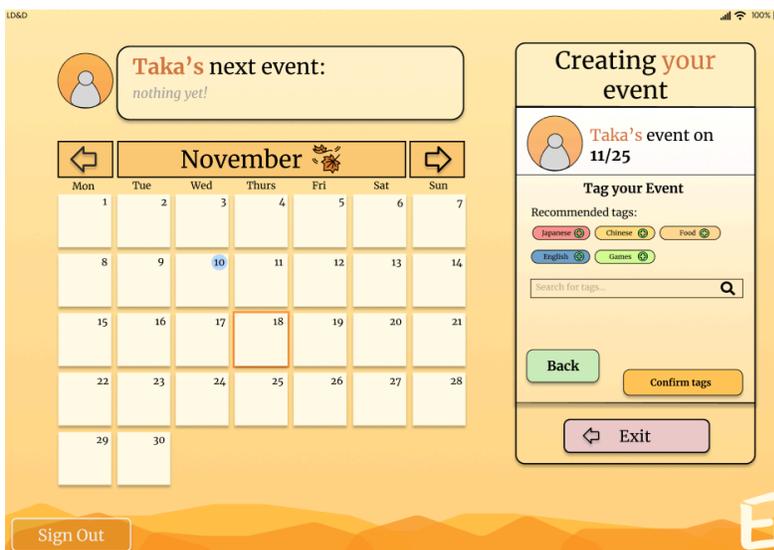
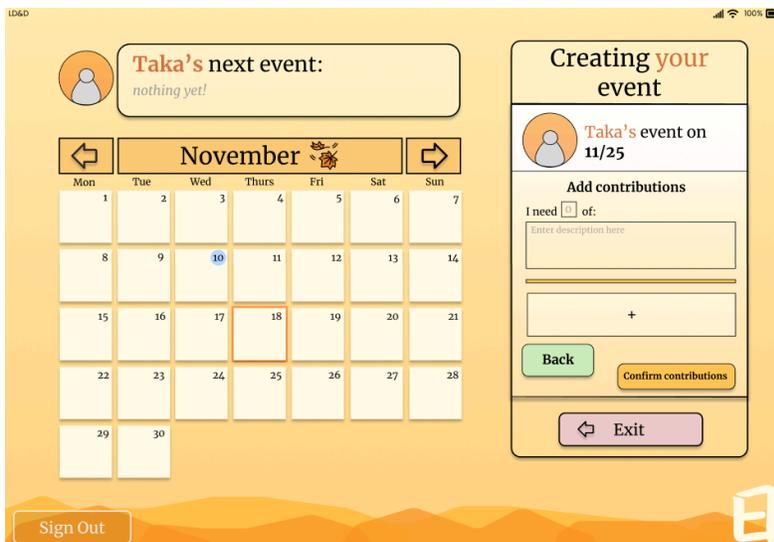
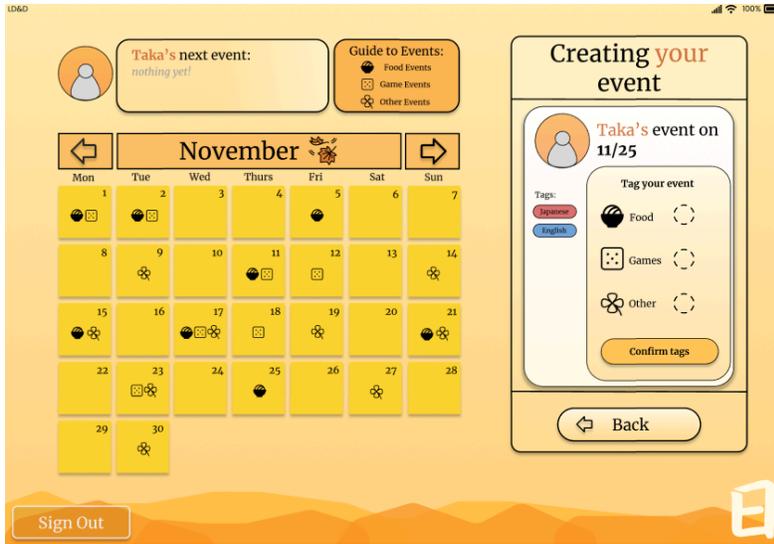
- Increased and clear calendar navigation, all icons are clickable and shows events on a given day depending on filters - adds more calendar usability and purpose
- More diversity presented here - better inclusion





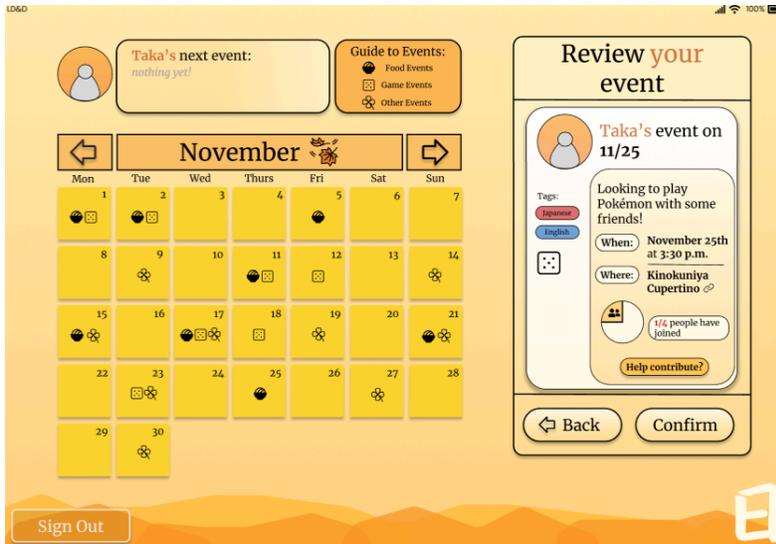
- Removed adding tags - less confusing for user so make separate screen
- Exit button more clear, different colour
- Text larger for better readability
- Time stamp shows a range of times, so there is differentiation between date and time





- Text larger for creating events- more readability

- Larger back button to return to event details, more clarity and user freedom
- Tag screen- less confusing and redundant tags. Make all tags the same and removed icons



10:60 100%

Taka's next event:
nothing yet!

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Review your event

Taka's event on 11/25:

Tags: Japanese Chinese Games

Looking to play Pokémon with some friends!

When: November 25th at 3:30 p.m.

Where: Kinokuniya Cupertino

1/4 people have joined

Help contribute?

Exit Confirm event details Edit event details

Sign Out

10:60 100%

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nothing yet!

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Review your event

Taka's event on 11/25:

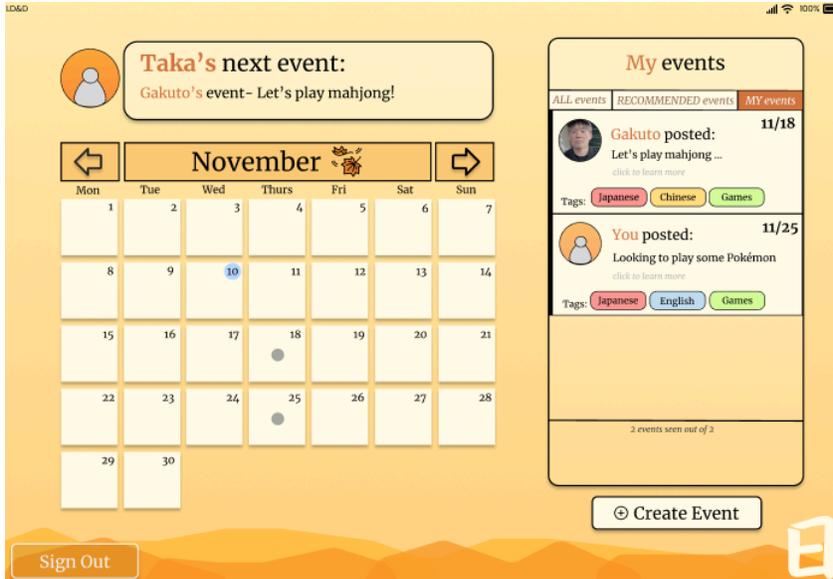
Contribute

I need: 50 Pokémon Cards

Back

Exit Confirm event details Edit event details

Sign Out



- Larger text, more readable
- Larger buttons, easier to click
- Keeps the POV from another user, but has options to confirm the event details
- Added confirm event and edit event buttons with the back button, didn't have this option before so allows for more user freedom and clarity
- Can no longer contribute to your own event - redundant
- My event screen includes the same changes previously, sorted by chronological order