



59	H11: Accessible Design	3. Complex Task	1	The ingredient progress bar uses very low contrast between the ingredients you have part of the progress bar to the full bar color, making it difficult for users with low vision to read the percentage or understand their ingredient status.	Users with visual impairments need clear contrast to see how many ingredients they have out of the ingredients they need via the bar, but the muted colors make this information nearly impossible to see.	Either increase the contrast of the "ingredients you have" part of the progress bar to the full bar or remove it altogether since there's already text informing the user how many ingredients they have.	D
12	H3: User Control & Freedom	4. All Tasks	2	No pause/mute buttons	If the user wants to pause the narration instantly there is no option	Include a persistent pause and mute option	A
13	H9: Help Users with Errors	4. All Tasks	2	No clear mic/speaker testing options	If listening/seeking doesn't work, it feels like failure.	Provide a diagnostic screen to test mic and speaker	A
23	H1: Visibility of System Status	1. Simple Task	2	No visible status of picture upload after finishing capture	Users might end up redoing the actions or losing their pictures	Show messages on the bottom saying "Saved"	A
25	H7: Flexibility & Efficiency of Use	1. Simple Task	2	No Hands Busy Photo Capture Option	you might want to be in the picture of what you cooked	Include a countdown option in the "Take picture" screen.	A
26	H8: Aesthetic & Minimalist Design	1. Simple Task	2	Story summary is a singular, dense paragraph	This layout is not minimalistic and overburdens users with reading too much	Break it down into a simpler paragraph, and then a "Read More" option	A
28	H12: Value Alignment & Inclusion	2. Moderate Task	2	Event creation ignores allergy restrictions for guests	Excludes guests with allergies and can add extra burden later	Include an option to track what your guests are allergic to	A
29	H6: Recognition not Recall	2. Moderate Task	2	Recipe cards don't show guest compatibility	Host must remember what guests like and dislike	Show compatibility score for all the different recipes for the guests you have selected	A
34	H3: User Control & Freedom	3. Complex Task	2	Can't switch kid mode to regular mode mid-recipe	You might be stuck in wrong pacing while using the kid mode if you are an adult helping out	Add mode switch that allows you to switch immediately	A
40	H7: Flexibility & Efficiency of Use	4. All Tasks	2	No quick post-finish actions	User must navigate to other screens after they finish cooking to conduct the other actions	Show an easy post-finish completion view with options like: share to group view story log and add to story book	A
1	H4: Consistency & Standards	4. All Tasks	2	Page titles/section headers vary ("Browse through recipes," "Browse recipes for you," "Recipe details")	Inconsistent labels make recognition harder	Standardize titles (e.g., Browse, Browse recipes, Recipe details)	A, B
14	H2: Match b/w System & World	4. All Tasks	2	"Done" used for all different end states	Confusion for user as to what does done mean	Use more descriptive done options - like finish recipe / finish step	A, B
5	H8: Aesthetic & Minimalist Design	1. Simple Task	2	Recipe cards in the browse menu show long ingredients list with artwork	Too much scrolling and visual noise	Summarize to highlights and include view ingredients option to see exact ingredients. Include filter to filter by ingredients.	A, B, D
4	H7: Flexibility & Efficiency of Use	1. Simple Task	2	Browse lacks filters	The user currently has to open all the story details to check fit. Can't just filter by what they want	Add filter options in browse	A, D
31	H3: User Control & Freedom	2. Moderate Task	2	Confirmation page is read-only	To make edits, the user is required to go back to the previous screens and then change things. This is not the best user experience as it's slow	Allow for inline edits on the review screen directly	A, D
42	H2: Match b/w System & World	1. Simple Task	2	The categories for browsing recipes seems arbitrary and confusing.	On the explore page, there are 3 different categories to scroll through. While it makes sense to have different recipes for kids, why does "cooking with friends" need a different category when they seem to be similar recipes types as the "Browse through recipes" section? This was confusing and seemed redundant.	Make it more clear why there should be a different category and why these differences matter	B
43	H4: Consistency & Standards	3. Complex Task	2	In the "Cooking with Friends" page, only one of the "Upcoming" events has functionality	One of them has functionality like "View RSVPs" and "Share Invite" but the other one has no functionality. I'm assuming that means it's one that I joined instead of created but what if I need to cancel my RSVP or I want to check the details of who else has RSVP'd? I think you guys need to add functionality to give the user more information and agency.	Add similar buttons to the other event box with details and cancel functionality	B, D
62	H2: Match b/w System & World	1. Simple Task	2	Repeat step button defeats purpose of hands-free functionality	When cooking in real life, you very rarely do the same step twice. For example, you can't chop the same onion more than once. This is a misalignment on one axis. Furthermore, the purpose of the repeat step button is supposedly to repeat the reading from the voice assistant, which, while perhaps helpful for accessibility reasons, defeats the purpose of not needing to look at the screen	Add a hands-free option to repeat the voice prompt for the step, or remove the functionality altogether	C

68	H2: Match b/w System & World	3. Complex Task	2	Some dialogue does not flow naturally, and can be inaccessible to users (e.g. congrats family, you have successfully made delicious Chocolate Lava Cake!)	Jarring dialogue can reduce user engagement and make the app less accessible	Review/revise dialogue to bring it more in line with your app's vision, for children-specific dialogue do user testing to check accessibility	C
71	H4: Consistency & Standards	4. All Tasks	2	Capitalization is inconsistent across the app (next step vs. Done! vs. Start Cooking)	The app uses different capitalization standards throughout, and sometimes even on the same page.	Create a capitalization guide and use it consistently.	C
50	H12: Value Alignment & Inclusion	5. Extra Violations	2	The homescreen of recipes mostly displays only Western cuisine recipes without visible indicators of dietary accommodations or foods of other cultures.	Users with specific dietary restrictions and/or cultural food preferences may feel excluded or underrepresented, as the design suggests their preferences and cooking traditions aren't valued or considered by the app.	Diversify the visible recipes on the homescreen to include at least 2-3 recipes from different cuisines (Mediterranean, Asian, Latin American, etc.) and add filter badges or labels indicating dietary options (vegan, gluten-free, vegetarian) so all users can feel more represented.	D
52	H7: Flexibility & Efficiency of Use	1. Simple Task	2	All users follow the same linear narration path regardless of their cooking experience/level, with no option to skip explanations or move faster through familiar steps.	Every user gets the exact same storytelling experience regardless of their cooking experience/level. For more experienced cooks, the lengthy storytelling about techniques they may already know may feel a bit annoying to listen to.	Add a "Narration Style" toggle in settings that lets users choose between the level of detail in their storytelling based on their cooking experience, so each user gets an experience that feels more tailored to them.	D
53	H12: Value Alignment & Inclusion	1. Simple Task	2	The voice narration uses colloquial language and cultural references that may not resonate with or be understandable to users from diverse linguistic or non-Western cultural backgrounds.	Non-native English speakers or users unfamiliar with Western cooking culture might struggle to understand the storytelling narration or feel like the app wasn't designed with them in mind, making the experience feel less welcoming.	The app could offer multiple narration styles or voices (casual, formal, or professional) and include language options beyond English.	D
56	H7: Flexibility & Efficiency of Use	2. Moderate Task	2	The confirmation screen does not display the all event details (date, time, location, guests, recipe) when the user first enters it, forcing them to scroll up to see all the event details, specifically, the date and time.	 Users who often create dinner parties need to quickly scan and confirm all details at a glance without scrolling, but the current layout breaks the key information across the screen and requires extra effort to review.	Reduce the size of the selected recipe image and use the recovered screen space to display a complete summary card showing date, time, location, guest count, and recipe name all in one visible area, thus removing the need to scroll to see all the details before sending out the invites.	D
57	H7: Flexibility & Efficiency of Use	2. Moderate Task	2	Users cannot search or filter through their contact list to find and select friends, forcing them to scroll through the entire list to locate specific people they want to invite.	 Users with large contact lists need shortcuts to quickly find the friends they want to invite. Without a search function, the task becomes tedious and error-prone, especially if the user wants to invite the same group repeatedly.	Add a search bar at the top of the "Invite friends" section so users can type a name to quickly filter and select specific contacts instead of scrolling through the entire list.	D
9	H12: Value Alignment & Inclusion	4. All Tasks	3	Discovery page food options are mostly non vegetarian. No badges for allergens	Dietary restrictions feel excluded in the medium fi prototype	Include badges for veg/vegan/allergens and allow to filter by those	A
15	H9: Help Users with Errors	4. All Tasks	3	No display of what the speech to text heard	Users cant understand when the AI misrecognizes the voice	subtly show the text heard by the AI	A
24	H12: Value Alignment & Inclusion	4. All Tasks	3	Unclear what the visibility is when sharing a picture.	Users might end up publishing home pictures unintentionally	Show, note for what the publicity of the picture is. Is it private or public	A
33	H5: Error Prevention	3. Complex Task	3	Kid recipes with hazards don't have any specific warning on the card	Kids' recipes that require the kids to use an oven or a knife, for example, pose a safety risk which should be informed	Add a hazard badge and a safety checklist	A
35	H2: Match b/w System & World	3. Complex Task	3	Temperatures are only shown in Fahrenheit	Some ovens could use Celsius	Include temperature in both options. Alternatively, allow the user to set the temperature setting	A
36	H12: Value Alignment & Inclusion	3. Complex Task	3	The Hey family greeting in the complex mode assumes that the app is being used in a family context	It's possible that the app is being used by caregivers with the kids, or at a school where there are kids and teachers	Use a more inclusive greeting and personalize it when the names of the users are known	A
37	H3: User Control & Freedom	4. All Tasks	3	Finish immediately, end session with no option to undo or resume the action	Accidental finish would lose the state of the user in the cooking process	Show a cancelable finishing option. Add a resume last step in story log	A
39	H6: Recognition not Recall	4. All Tasks	3	The "Capture your dish" option finishes with a "Done" button	Users might finish without taking the picture when they see the done button	Separate it into a "Finish with photo" and a "Finish without photo" button	A
41	H7: Flexibility & Efficiency of Use	4. All Tasks	3	No take photo later entry point from story log	Users can't complete their story with a picture later.	Add a photo action on each log card	A

18	H7: Flexibility & Efficiency of Use	4. All Tasks	3	No hands-busy gesture options	Kitchens can get loud and navigating options might be difficult while cooking. Hence, voice and standard UI might fail at points	Include gestures for common actions (like pause/mute/etc) to keep the layout minimal while allowing functionality,	A, B
21	H4: Consistency & Standards	4. All Tasks	3	The primary call-to-action buttons change location across screens	It is inconsistent for the user experience	Move all primary call-to-actions to be on bottom	A, B
8	H3: User Control & Freedom	4. All Tasks	3	No exit/undo for accidental starts	In cooking environment, users could accidentally start	Provide a 3 second countdown with undo option to the user when they start	A, C, B
6	H11: Accessible Design	1. Simple Task	3	Small text within the recipe images inside the books	Users might attempt to read that text to get a greater overview on the story	Make the images be the cover page of the books, not the inside pages. The cover page can just have a picture of the recipe and the title of the story.	A, C, B, D
16	H1: Visibility of System Status	4. All Tasks	3	Missing step progress and time remaining	Users cant see how much time is remaining and what step they are on	Show more accessibly on the screen - step 1/10, time left: 3:10	A, D
22	H5: Error Prevention	1. Simple Task	3	Camera capture lacks, review, retake, edit options	Often the first picture users take will not be the one that they want to store.	Add a review step which allows the user to retake, keep, or crop a picture	A, D
38	H1: Visibility of System Status	4. All Tasks	3	No explicit confirmation that the session saved to StoryLog	Users might doubt if the session got saved or not	Show a completion card saying "Save to story log" and the time	A, D
45	H4: Consistency & Standards	3. Complex Task	3	In the "Cooking with Friends" page, there is a small "plus" button next to the title and a much larger "Start Group Cooking"	Even though they have different functionality, they are easily confused and I would expect that "Start Group Cooking" would be clicked by accident a lot. The page is built around planning, inviting, and viewing upcoming cooking sessions, so the plus button and this button seem like they should at least be switched. Another possibility is to combine both buttons and have the user select which option in the next part of the flow.	Two options: 1) add a third button to the header which is "Plan Group Cooking" or 2) make a single button for "Create Group Cooking" which takes you to a page where you can select if you want to start now or plan an event in the future	B
49	H4: Consistency & Standards	3. Complex Task	3	After pressing "Start group cooking" in the friends tab, a page shows up that looks like the "explore" page where you can browse different recipes. The flow after the "Start group cooking" and the "explore" page is different and inconsistent	The page after "Start group cooking" has a different flow and button system than the previous explore page. This adds unnecessary complexity to this page while leaving features lacking on the "explore" page.	Make both pages operate the same and have the same user flow.	B
74	H2: Match b/w System & World	2. Moderate Task	3	"Build Story Book" button is non-functional and convoluted with the "story" metaphor	If each individual recipe is a story, then why would I want to "build a story" book? What does it mean to do that?	Implement the page and make the metaphor more clear for what the purpose of the button is.	B, A
47	H7: Flexibility & Efficiency of Use	1. Simple Task	3	The recipe's on the "explore" page are not clickable	Having to click on "Browse through Recipes" before clicking on a recipe is redundant and an unnecessary step.	Make these recipe snapshots interactable	B, C
48	H9: Help Users with Errors	1. Simple Task	3	There are no options to help with "cooking" errors	While this isn't an error in the traditional sense, I think it could be important for the AI to help correct cooking mistakes, especially if its cooking with kids. Since mistakes are common for kids, it would be great if there was a way to let the cook with confidence and catch mistakes.	Integrating AI more into the actual cooking process rather than just a recipe finding agent	B, D
63	H6: Recognition not Recall	1. Simple Task	3	Ingredient measurements are not specified within body of recipe (e.g. boil a pot of salted water for your pasta - how much water? How much salt? + season with salt, pepper, and a little garlic - how much of each?)	User is required to memorize the measurements in the initial part of the recipe, have everything prepared before hand, or exit completely to the details page for clarification	Redundancy! Add measurements directly into step descriptions, or else have an option for a quick reminder that doesn't require them to redo the whole flow	C
65	H4: Consistency & Standards	2. Moderate Task	3	There is no way to specify what kind of story you want in the group cooking page, even though the option exists elsewhere in the app	In the confirmation page for sending out your group invite, the story type is accented in a different color, suggesting that it's able to be toggled. However, there is no way to do this in the group cooking creation flow.	Add a step to the group cooking creation flow for choosing the vibe of the story	C
67	H4: Consistency & Standards	2. Moderate Task	3	Invited means different things depending on if the user is on the RSVPs page or the confirm cooking session page	Language describing user status should be consistent across the app	Use language to differentiate between confirmed users and users who have been invited but are not confirmed	C

69	H3: User Control & Freedom	3. Complex Task	3	Chat with AI feature doesn't adjust to fit the specific needs of entertaining children when entered from the "cooking with kids" page	Especially when cooking with children, it's especially important to have guardrails that make the app accessible to all audiences. By routing children to a recipe they might not be able to make, we have a disconnect with our value of inclusivity.	Add context to AI agent depending on where the user enters the screen from, and adjust recipe story accordingly	C
70	H2: Match b/w System & World	3. Complex Task	3	AI assistant is not inclusive for children beyond the first two steps	While the first two steps of the kid-friendly recipe make it a point to be inclusive and focus on safety, the rest reads like a standard recipe and relies on mental shortcuts that children may not have yet, such as how to use an electric mixer on ingredients until pale and thick	Perform user tests with children and parents to find common pain points, revise language to better align with the needs of both groups	C
73	H3: User Control & Freedom	5. Extra Violations	3	Cannot navigate to all story log pages from one another even though all pages are built out	Given that the pages exist, it is confusing for the user to have to click the story logs button at the bottom of the screen in order to switch tabs rather than clicking over	Enable functionality for switching between pages and back	C
72	H12: Value Alignment & Inclusion	5. Extra Violations	3	AI imagery for dishes detracts from values of connection and inclusivity	AI Imagery detracts from these two values in the same way. By using food that isn't real, cooks inherently are forced to strive for an unattainable goal. Furthermore, they aren't connected to the food in the same way, as they know it wasn't made by a real person	Replace the images with pictures of the food as cooked by a real human. Better yet, replace with a picture of the dish as cooked by their friends, so that they feel an instant affinity for the food and a desire to make it.	C, D
2	H6: Recognition not Recall	1. Simple Task	4	No narration audio preview on recipe details	Currently, the app tells you what the audio is like but there is no preview option or hear a 5-10 second chunk. The user has to guess what it will be like	Add a 5-10s preview narration	A
10	H5: Error Prevention	4. All Tasks	4	Back arrow is too close to the left edge	Can be accidentally pressed while holding phone	Add some padding to the left. There is a lot of area on top left where back arrow could be placed more appropriately.	A
3	H5: Error Prevention	1. Simple Task	4	Start button is always enabled, even when ingredients not available	Can lead to frustration mid-cooking, especially for kids.	Replace start button with a start anyway warning when not all ingredients are present	A, C
7	H4: Consistency & Standards	4. All Tasks	4	missing step progress and time remaining	There should be a consistent pattern	Standardize the app to either use > or ->	A, D
11	H1: Visibility of System Status	4. All Tasks	4	The voice UI currently doesn't indicate when the user is speaking or listening	It can be confusing for the user to know if the device is speaking or if the user is supposed to speak now	Show listening/speaking badges or adjust the animation to make it clear that the user is listening/speaking	A, D
19	H7: Flexibility & Efficiency of Use	4. All Tasks	4	No narration speed control	Users need pacing control	Add 0.75x, 1x, 1.25x options for user to control the speed of narration	A, D
44	H3: User Control & Freedom	4. All Tasks	4	While cooking a recipe, it's not possible to cancel and go back to the menu.	If a user is cooking a recipe, they won't be able to spend too much time navigating menus in order to cancel their recipe. Especially since some recipes can get lengthy in the number of steps, having a way to cancel a recipe while in the middle would be a great way to make sure they have enough agency of the cooking experience.	Add a cancel button or a list of steps that the user can easily scroll through	B, C, D
64	H8: Aesthetic & Minimalist Design	1. Simple Task	4	App emphasizes a narrative-based approach to cooking to make things more fun, but the "story" reads more like quotes from a self-help book	Without the narrative, the user misses out on the fun cooking experience that they came to Simmr for in the first place	Revise narrative structure and content to align with stated goals and user desires	C
61	H4: Consistency & Standards	3. Complex Task	4	The "X" close button appears only on the final voice AI cooking screen but is absent from all previous recipe and cooking pages, and is inconsistent with the simple task where the "X" button appeared on every recipe page.	Users expect the close button to be in the same location consistently (if present at all) across the entire task flow, so the sudden appearance of the "X" only at the end feels unpredictable and breaks the established task flow pattern from the simple task.	Include the "X" button consistently on all recipe and voice AI screens.	D