Prototype Description: PillPal, a mobile application targetted towards those taking multiple medications with complex schedules to create routine and community through voice technology and support circles.

Your TA will remove your names before the document is given to the project team. Under the 'Found by' column, use these letters to identify yourselves

When finished, please double check your numbers under 'evaluation statistics' & let your TA know if there's a bug with the formula

Simple Task	*Logging a medication*	Evaluator A:
Moderate Task	*Reminding someone in your care circle to take their medication*	Evaluator B:
Complex Task	*joining and participating in a community discussion related to medication support*	Evaluator C:
		Evaluator D:

attach images in this column if helpful

Problem #	Heuristic	Task	Severity	Description	Images	Rationale	Fix	Found by	Column 1
76	H8: Aesthetic & Minimalist Design	5. Extra Violations	1	Navigation bar at the bottom too small (takes effort to press)		Rather than having users navigate with muscle memory, users have to actually now look at the	make the bar longer vertically	A	
4	H5: Error Prevention	1. Simple Task	2	When pressing the microphone icon when trying to log a medication, the dialogue says		I'm already on the logging medication screen, the only reason why I would be using voice is to log	change dialogue to something like "What medication do you	A	
5	H7: Flexibility & Efficiency of Use	1. Simple Task	2	If I want to change the number of pills, there is a left and right arrow. This might not be	between frames log 1 and log	For most of these numbering features, people are used to +/- as a way to do things, this might not	considering changing the left and right arrow to + and - signs	A	
6	H5: Error Prevention	1. Simple Task	2	I wonder if there is edge case prevention - someone trying to log negative pills or		edge case prevention is important for error prevention	consider adding guardrails	A	
7	H11: Accessible Design	4. All Tasks	3	the back button is not aligned with the title (it's actually way too high) and small		People (esp your target demographic of 50+) might have trouble seeing it. and small	consider making it bigger and moving it to align with your title	A	
8	H8: Aesthetic & Minimalist Design	1. Simple Task	1	The time for the pill is off centered from the name field and the "1 pill"		it just looks a bit off if its off centered	align them on the same vertical axis	A	
9	H6: Recognition not Recall	1. Simple Task	2	On the great job screen, it says "5+ days streak," why not just count the actual number		To make it consistent and for users to be properly motivated rather than remembering how	use the actual number of days rather than x+	A	
10	H1: Visibility of System Status	1. Simple Task	2	After I log vitamin D it doesn't show up on my schedule screen (it shows 2 prozacs), so		My changes / logs are not visible, I don't know if I have logged it or not, so I'm not informed on	Make it so that when I log vitamin D, it's visible	A	
11	H1: Visibility of System Status	1. Simple Task	2	The home screen says to log prozac but then the actual log is for vitamin D, so not really		My logs between home screen and actual logging of medicine is not consistent. This might just be a	make the logs of medication consistent to the home page	A	
12	H7: Flexibility & Efficiency of Use	1. Simple Task	2	unclear what the left/right arrow button at the top of the schedule page next to the date		to speed up interactions, each button needs to be clear and consistent, if I already have a method	clarify the arrows are shifting weeks by replacing the icons	A	
13	H7: Flexibility & Efficiency of Use	2. Moderate Task	1	to increase the pathways, I wonder if its possible for reminders to be sent not only		This makes it so that novice users have multiple pathways to send reminders	add button to send reminders in this section as well	A	
14	H1: Visibility of System Status	2. Moderate Task	2	When reminder is sent, the button changes text to "reminder sent", but that's not really		to novice users or older users, they might need to look hard for confirmation that the reminder is	an overlay to say "reminder sent" so its clear that its sent	A	
15	H7: Flexibility & Efficiency of Use	2. Moderate Task	2	In the my family's schedule tab, if I want to check in on a family member, I have to go		There should be multiple access points to see a family member's profile, having to go back is	make it so that when I click on the family pfp it brings me to	A	
16	H10: Help & Documentation	5. Extra Violations	2	For the stats page, it tracks when I've taken my medication, but what if I have more than		In order to limit confusing and error prevention, the system needs to make it clear to the user	either clarify the confusion or make it so that upon clicking on	A	
17	H4: Consistency & Standards	5. Extra Violations	1	On the schedules page, it says "add a reminder" when I need to input a new		Adding a reminder might not be consistent with the narrative of "medication tracking,"	to limit the confusing, change the wording to "add a	A	
18	H8: Aesthetic & Minimalist Design	2. Moderate Task	2	Too much white space in the "send min a reminder" at the top		the white space and it not really alignin with the x on the right draws my eyes to the top instead of	get rid of the white space	A	
19	H3: User Control & Freedom	2. Moderate Task	4	No way to actually record the reminder sent to family member, only playback, aka no		While I know that the audio is hard coded, there's no way for me to wizard of oz record my audio	add a microphone button and then upon pressing that the	A	
20	H8: Aesthetic & Minimalist Design	3. Complex Task	3	Header is covered when I click into an article		The header is not visible because the iphone island is covering it, and now I don't know what	add extra space to the top so that the header is shown and	A	
21	H8: Aesthetic & Minimalist Design	3. Complex Task	1	The bookmark icon is altering the structure of the first paragraph, making it not		Each line of the paragraph have varying length to account for the bookmark button, and the first	move the bookmark button to the top grey box like button right	A	
22	H1: Visibility of System Status	3. Complex Task	2	When I try to join the prozac dosage guide, the button doesn't change to reflect that I've		I can't join a community if the system status doesn't change to show me that I've joined	when i press the join button, add an overlay pop up to show	A	
23	H4: Consistency & Standards	3. Complex Task	2	Are the trending posts trending posts from my group, or trending posts in general?		Users might be confused why the top pages (visual hierachy) are dominated by posts not	Either clarify the point of the trending posts or move up the	A	
24	H8: Aesthetic & Minimalist Design	5. Extra Violations	1	The left edge of "enter the code" and the actual code as well as the "didn't receive"		The elements should all be aligned (at least left aligned) on the same axes for aesthetic and	select all elements and left align it	A	
25	H8: Aesthetic & Minimalist Design	5. Extra Violations	1	search bar for medical should fill up the whole screen		unless its a design choice for it to take up ⅔ of the screen it would be more aesthetic for it to fill	make it full screen (excluding paddings/margins)	A	
26	H6: Recognition not Recall	5. Extra Violations	2	"for each medication, please fill out information," but each medication looks like		For target customers of older age, it might be confusing how they would fill it out, consider	instead of the x which makes it seem like its an input field,	A	
27	H8: Aesthetic & Minimalist Design	5. Extra Violations	1	too much space at top for onboarding		too much white space, brings my visual attention there first	move the header consistently spaced under the top of the	A	
28	H8: Aesthetic & Minimalist Design	5. Extra Violations	1	random arrow at the bottom don't know what its for		just a random icon on the middle of the page, purpose unclear	did you mean it if I put it in the time duration frame?	A	
29	H4: Consistency & Standards	4. All Tasks	1	all the rounded corners have diff values, like some round corners have radius = 40, some		the contrast between sharp edges during onboarding with the very round edges on the	make the radius for corner consistent for the same	A	
30	H10: Help & Documentation	2. Moderate Task	2	I notice that when I want to send a reminder I can only send it for upcoming medications,		Theoretically it makes sense for the user (past experience) to just send reminders for the next	maybe have a little tip button at the top to show like "you can	A	
31	H7: Flexibility & Efficiency of Use	3. Complex Task	4	Navigation bar at the bottom disappears when I click into community		This might be a design choice, but I want to be able to efficiently switch between all pages - why	add the navigation bar to the community page	A, B	
32	H11: Accessible Design	4. All Tasks	2	The font sizes for some of the description on the home page like the reminders for the pill		given that your target audience are on the older side. a font of 9.33 would not be accessible to	make the font sizes at least 12, 14 is even better	A, B	
33	H6: Recognition not Recall	1. Simple Task	3	The bell icon on the top right I thought meant notification from my care circle (because bell		people usually associate bell icon with notifs, and esp since you have a social feature aspect	replace the icon with something else (maybe a schedule)	A, B	
34	H1: Visibility of System Status	2. Moderate Task	2	I sent my reminder, now will I get reminded if my family takes their medicine? How do I		Not only do I want to know that my reminder is sent, I want to be able to track whether or not my	add a notification (that's why the bell icon for schedule needs	A, B	
35	H12: Value Alignment & Inclusion	3. Complex Task	3	For the support articles, what's the benefit of users seeing how many downvotes it has,		If the values are to promote a community of inclusion and positivity, the downvotes might be	this is a design choice but consider removing it? up to you	A, B	
36	H3: User Control & Freedom	3. Complex Task	2	Bottom of the help article I see other comments but I have no way of making a		I can't participate in community discussion related to medical support if there's no way for	comment on an article so I can add a comment button so I can	A, C	
37	H8: Aesthetic & Minimalist Design	5. Extra Violations	1	the * and (required) on the onboarding page is not aligned with each other		its a tiny issue but it looksever so slightly off	put username and *(required) into a frame and center	A, C	
38	H12: Value Alignment & Inclusion	3. Complex Task	3	I don't know if "congrats you just joined prozac dosage guide" really aligns with the		imagine if I want to join the adult depression group and it just said "congrats you just joined	Change the word "congrats" to something professional, like	A, C	
39	H8: Aesthetic & Minimalist Design	5. Extra Violations	1	I wonde if its necessary to have two "next" buttons it introduces friction to the user as they		while there's nothing wrong with have 2 next buttons it introduces friction to the user as they	remove the next on the top	A, C	
40	H5: Error Prevention	1. Simple Task		What happens if I log more pills than my dosage? That's potentially a health hazard,		As a health app, inherently there are going to be liabilities, and its important to take into account	insert emergency warning or guardrails	A, C	x

#	Heuristic	Task	Sev	Issue	Explanation	Suggestion	
41	H2: Match b/w System & World	1. Simple Task	2	It looks like my profile picture on the home page is clickable.	I'm used to my profile pic taking me to my profile on most apps.	Either make it clickable, or make it appear less clickable.	B
42	H2: Match b/w System & World	1. Simple Task	3	The fact that "Today" on the progress widget took me to my insights is really, really	It is unclear to me how "70% of dosages taken" for today relates to my insights as a whole.	Make it unclickable, or get rid of it.	B
43	H12: Value Alignment & Inclusion	1. Simple Task	3	It feels like the purpose of the app is more about tracking and logging and not actually	The "Progress" indicator is too big relative to its importance. It's larger than LOG YOUR PILL	Make it smaller, or get rid of it.	B
44	H7: Flexibility & Efficiency of Use	1. Simple Task	2	Similarly, it's confusing that upcoming reminders does the same thing as	What is the point of having three different buttons that leads you to the same page -- if you can just	Just use one widget.	B
45	H2: Match b/w System & World	1. Simple Task	3	The fact that taking meds is described in terms of percentages is super confusing.	I expect medications to be more like, "4/5" taken, because taking a med is a discrete thing, not a	Use discrete numbers, like 4/5 taken.	B
46	H10: Help & Documentation	1. Simple Task	3	I don't understand why the (i) button on the Your progress widget opens the same modal	Normally, (i) buttons give me info that the rest of the page doesn't.	Make it give actual info, instead of just pulling up the progress	B
47	H4: Consistency & Standards	1. Simple Task	2	I don't understand why the plant image is clickable, but not the text on the actual	All of the other widgets are completely clickable, but not this one.	Make it clickable, or honestly, get rid of it.	B
48	H8: Aesthetic & Minimalist Design	1. Simple Task	1	The color on the percentage progress doesn't match the other greens on the page.	It's too desaturated.	Make it more saturated.	B
49	H2: Match b/w System & World	4. All Tasks	2	The back button on every tab except for home is confusing.	There's already a way to go home -- the home bottom navigator.	Remove it.	B
50	H8: Aesthetic & Minimalist Design	1. Simple Task	1	The Upcoming reminders widget and Log your pill widget have a drop shadow, but	Inconsistent design.	Remove the drop shadow, or add it to everything. I suggest	B
51	H2: Match b/w System & World	1. Simple Task	2	Prozac dose widget in 15 minutes with a big "log" button is confusing.	Does that mean I should take my medication early? Shouldn't I be taking my medication	Make the widget only appear when you actually need to log	B
52	H8: Aesthetic & Minimalist Design	1. Simple Task	1	The profile picture has a white border, and the white border looks inconsistent with	Nothing else has a border, including the profile picture for each friend in your friend circles page.	Remove it.	B
53	H12: Value Alignment & Inclusion	1. Simple Task	2	The flower component of the front page (growing the plant into the flower) seems	So if I grow it into a flower, will it continue to be bloom? Is there any other progression other than	Remove this mechanic.	B
54	H2: Match b/w System & World	1. Simple Task	3	The chat feature in the voice option is very strange.	Normally, when there is a voice recording feature (like, say, on voice memo) all you do is record	If it's a chatbot, it has to be clear that it's a chatbot -- for	B
55	H11: Accessible Design	4. All Tasks	3	Every single "x" button on the modals is too small.	It's impossible to click.	Make it bigger.	B
56	H4: Consistency & Standards	1. Simple Task	1	The confirm button on the modal feature after the voice feature for logging pills is	It is an outline instead of a filled in green button.	Make it green.	B
57	H1: Visibility of System Status	1. Simple Task	2	You have to scroll down to see your whole schedule.	If there's only discrete time slots where you have your pill scheduled (morning, afternoon, evening,	Make it discrete time slots.	B
58	H8: Aesthetic & Minimalist Design	1. Simple Task	1	There is not enough padding to the left of the plus sign in the add reminder button	It looks like it's too close.	More padding. Also make it bigger.	B
59	H11: Accessible Design	1. Simple Task	2	The add reminder button is too small.	It's hard to click and hard to see.	Make it bigger.	B
60	H1: Visibility of System Status	1. Simple Task	2	It's not obvious whether I have logged my medications or not -- there's not	It's hard to see, consder target demographics of 50 year olds	Make it a different color or something.	B
61	H11: Accessible Design	2. Moderate Task	2	The send a message button on the family circle schedules is too small.	Hard to see. Harder to click.	Bigger.	B
62	H4: Consistency & Standards	2. Moderate Task	2	The voice input UI on sending a message doesn't match the voice input when you log	If it's easier to send a text message and not a voice message, what's the point of the voice	Make it consistent. To be honest, you could probably get	B
63	H8: Aesthetic & Minimalist Design	2. Moderate Task	1	The circle schedule is an asymmetrical oval.	It is not very aesthetic.	Make it a circle or remove it.	B
64	H1: Visibility of System Status	1. Simple Task	3	The Prozac (medication name) on the schedule does not look clickable because it	Unclickable, might be confusing to the users	Make it look clickable. Like maybe make it a button or	B
65	H4: Consistency & Standards	1. Simple Task	1	The drop shadow in the medication-specific page is inconsistent with other aspects of the	Other parts don't have this drop shadow.	Remove.	B
66	H1: Visibility of System Status	1. Simple Task	2	The X on the medication page is too far up in the corner and not clickable.	this might be not consistent and it might be hard to see for older users	Move it lower or make it bigger.	B
67	H1: Visibility of System Status	1. Simple Task	3	There is no easy way to see what all of my medications are -- e.g. a list of my ongoing	For older users with LOTS of medications, it is super important that they can go in and edit a	Add a medications list. Or stop linking the medication with the	B
68	H7: Flexibility & Efficiency of Use	5. Extra Violations	2	The fact that the onboarding flow is a swipe gesture is really confusing -- especially for	When we interviewed older audiences for our low-fi prototype, swiping was extremely unintuitive.	Just make it a button, man.	B
69	H8: Aesthetic & Minimalist Design	5. Extra Violations	1	The onboarding flow's theme doesn't exactly match the rest of the app	The filling in information is different.	Reuse more components.	B
70	H7: Flexibility & Efficiency of Use	5. Extra Violations	2	The back button for the onbarding flow is too small.	It might be hard to click for older users.	Make bigger.	B
71	H1: Visibility of System Status	5. Extra Violations	2	What is the dropdown button for at the bottom of the Prozac screen in the	It doesn't look like it's for the medication duration.	Make it in line or remove it.	B
72	H8: Aesthetic & Minimalist Design	5. Extra Violations	1	The yellow background for the onboarding flow looks awkward and doesn't match the	You don't use this yellow anywhere else.	Make it green.	B
73	H1: Visibility of System Status	1. Simple Task	2	Why is the voice feature still visible AFTER you log a pill?	There's no point once you've logged a pill.	Remove it.	B
74	H12: Value Alignment & Inclusion	1. Simple Task	3	Shouldn't users be taking every single prescribed med as prescribed -- why would	I feel like the streak implies that not taking a med is the norm -- and taking a med is the "added"	Remove streaks.	B
75	H1: Visibility of System Status	4. All Tasks	3	There is no indication of what tab you are on in the navigator menu.	There's no highlight or anything.	There should be an indicator for what tab you are on.	B
76	H1: Visibility of System Status	1. Simple Task	2	The plus sign on the 7-day streak thing makes it look like you can click on them.	Normally, when there's a plus sign on an app, it means I can add something there.	Remove the pluses.	B
77	H12: Value Alignment & Inclusion	3. Complex Task	2	It's a strange feature to have "Share analytics" because taking pills is kind of	I'm 22 and I still don't disclose the fact that I'm taking meds, because the illness I have is kind of	Remove this feature.	B
78	H12: Value Alignment & Inclusion	1. Simple Task	4	Why is there no differentiation between meds that are absolutely vital (like insulin)	You could take 9 vitamins and not take your insulin, and you would get 90% in your percent	Remove the 70% thing. Use discrete numbers. Make	B
79	H8: Aesthetic & Minimalist Design	2. Moderate Task	2	It should be "has not," and not "have not" on the friends (Circle? friend?) profile page.	See description.	"Has not."	B
80	H4: Consistency & Standards	2. Moderate Task	1	On the friends page, the widgets are opposite the ones on the home page --	It's the same widgets but they appear different.	Make it the same. Remove widgets.	B
81	H1: Visibility of System Status	2. Moderate Task	2	On the family page, why am I (the user) not included?	The circle dotted border thing suggests that that is everyone in the family, everyone in the care	Remove the circle thingy.	B
82	H12: Value Alignment & Inclusion	4. All Tasks	3	Why is all of the information in this app tailored toward mental illnesses and not	It seems like the design of the app (allowing meds to not be taken, etc.) bases its	Remove the percentages dosages thing, remove the	B
83	H1: Visibility of System Status	3. Complex Task	2	On the explore page, when you click on an article, why are there "x"s on the tags? Can I	The "x" looks like you can remove the tag.	Get rid of the X.	B
84	H11: Accessible Design	3. Complex Task	4	It is impossible to read anything on the explore page.	The font is really small.	Make everything bigger.	B
85	H12: Value Alignment & Inclusion	3. Complex Task	4	The text is really hard to read on the explore page.	Your users are not medical professionals. Being allowed to give medical advice under a	Remove this feature.	B
86	H1: Visibility of System Status	3. Complex Task	2	When I click the confirm button after joining a group, it leads me to the post?	The UI is misleading.	Make the confirm lead back to the community circle page.	B
87	H6: Recognition not Recall	3. Complex Task	2	It is pretty bad that users can anonymously write medical advice articles.	This seems like a big part of your app, but there is no indication that the user can write or create	Add an indication in the Explore page (maybe a button or	B
88	H4: Consistency & Standards	4. All Tasks	2	The buttons that are outlines and not filled are really confusing because they're small	There also seems to be no particular reason what the different colors mean -- filled in or not filled in.	Make all of the buttons the same.	B
89	H8: Aesthetic & Minimalist Design	5. Extra Violations	1	The spacing on the verification for the phone code in the onboarding flow is off.	The boxes look too far apart.	Reduce the spacing.	B
90	H8: Aesthetic & Minimalist Design	3. Complex Task	1	The explore page is too cluttered.	There are four different widgets, buttons, search bar -- it is not explicit enough what I should be	Remove some of the feature shere, to be honest.	B

#	Heuristic	Task	Sev	Issue	Detail	Recommendation	Tags
91	H6: Recognition not Recall	4. All Tasks	2	There's too much reading for the most simple tasks.	For example, on the profile page of your friend or on your own profile page, "Have not taken her	Remove a lot of the text and add a graphic that actually	B
92	H1: Visibility of System Status	2. Moderate Task	1	I'm confused why the widgets on the friend page (Min) is gray -- is it broken? Inactive?	Gray normally indicates something inactive or broken.	Make it the normal color.	B
93	H7: Flexibility & Efficiency of Use	1. Simple Task	3	The schedule is hidden.	Isn't tracking my schedule the main point of the app? Right now, I have to click onto the home	Make it tracking a main tab at the bottom. Or, just make the	B, A
94	H7: Flexibility & Efficiency of Use	1. Simple Task	2	It's confusing that the notifications button brings me back to my schedule, thus doing	When I click on notifications, I normally expect a list of my notifications and a way to clear them.	Get rid of the notifications. Make the schedule the main	B, A
95	H1: Visibility of System Status	1. Simple Task	2	The sliding animation (going from the schedule page to the home page) looks like	It makes navigating the app really confusing -- did I just go forward or back?	Make the sliding animation actually appear correctly.	B, A
96	H8: Aesthetic & Minimalist Design	1. Simple Task	1	The spacing on the button after you fill in the pill information is inconsistent.	The finish logging button jumps to the right a little bit after you click log.	Fix the spacing.	B, A
97	H1: Visibility of System Status	1. Simple Task	2	The grayed out "Vitamin D3" and "Prozac" in the Your Progress widget on the home page	Gray normally indicates something inactive or broken.	Make it a normal color.	B, A
98	H3: User Control & Freedom	1. Simple Task	2	I'm confused why sometimes the medication shows (-) instead of the Log button -- is there	E.g. what if I want to take my medication earlier?	Allow users to log it, but without directing users toward it -- for	B, A
1	H7: Flexibility & Efficiency of Use	1. Simple Task	3	It takes too many clicks to log your pills.	It is easier, right now, to just click the "log" button rather than having to "chat" and click 4 more	Put a BIG record voice button right on the main screen.	B, A, C
100	H11: Accessible Design	1. Simple Task	3	The text "View all" in the upcoming reminders is too small.	This might be hard to click on for your target group of 50 year olds	Make it bigger, or, as above, get rid of the widget style of the	B, A, C
101	H11: Accessible Design	1. Simple Task	4	The main screen is way too cluttered.	There are currently 4-5 actions that you can do on the main screen -- reminders, insights, and I want to see my progress, and insights is my	Get rid of literally everything that you don't need on the main	B, C
102	H2: Match b/w System & World	1. Simple Task	2	Also related to the above, it feels like the "your progress" page should actually take me	progress.	Get rid of the flower plant thingy.	B, C
103	H11: Accessible Design	1. Simple Task	3	The (i) button on Your progress is too small and low contrast.	I can't click on it.	Make it bigger.	B, C
104							
105							
106							
107							

Heuristic	# Viol. (sev 0)	# Viol. (sev 1)	# Viol. (sev 2)	# Viol. (sev 3)	# Viol. (sev 4)
H1: Visibility of System Status	0	1	14	3	2
H2: Match b/w System & World	0	0	4	3	0
H3: User Control & Freedom	0	0	1	0	2
H4: Consistency & Standards	0	4	5	0	0
H5: Error Prevention	0	0	2	0	1
H6: Recognition not Recall	0	0	4	1	0
H7: Flexibility & Efficiency of Use	0	1	7	2	1
H8: Aesthetic & Minimalist Design	0	20	1	1	0
H9: Help Users with Errors	0	0	0	0	0
H10: Help & Documentation	0	0	2	1	0
H11: Accessible Design	0	0	3	4	2
H12. Value Alignment & Inclusion	0	0	2	5	2
Total Violations	0	26	45	20	10

Viol. (total)
20
7
3
9
3
5
11
22
0
3
9
9
101

** for this to calculate properly, **delete** any unused rows from your 'Group Heuristic Evaluation' chart!*

Severity	Evaluator A	Evaluator B	Evaluator C	Evaluator D	[your name her
0	0	0	0	0	
1	0.118811881	0.148514851	0.00990099	0	
2	0.198019802	0.306930693	0.01980198	0	
3	0.079207921	0.168316832	0.03960396	0	
4	0.059405941	0.04950495	0.02970297	0	
Total (sevs. 3 & 4	0.138613861	0.217821782	0.069306931	0	
Total (all sevs)	0.455445545	0.673267327	0.099009901	0	

Summary Recommendations *[merge the general recommendations you made here]*

I think you have great intentions with this app. The concept is genuinely meaningful, and there's a lot to admire in your work — from the tagline to the cohesive color scheme and overall visual polish. I also appreciate the creativity behind using plants on the home page to symbolize growth and encouragement, and the inclusion of features like Care Circles and voice interaction to foster support and accessibility. These ideas reflect a clear desire to make medication management more engaging and less isolating.

That said, there are several areas where the design unintentionally works against the app's stated goal: to help people manage their medications and feel supported. Many of these issues relate to aligning design choices with your intended audience, accessibility for older users, and ethical considerations around health-related data.

1. Medication Tracking

The biggest concern with the tracking feature is conceptual: medication adherence isn't a "progress-based" journey. You either take your medication or you don't. By introducing streaks, percentages, and progress bars, the app implies that partial adherence (like taking 80% of doses) is acceptable or even praiseworthy. This framing only makes sense for users taking relatively low-risk medications — like certain antidepressants — and could be dangerous for users managing serious or life-threatening conditions.

In other words, the app doesn't account for its most vulnerable users, the people who need a medication tracker the most. If the intent is to help users with chronic or severe conditions, the design needs to reflect the seriousness of that task. If instead the target audience is young adults managing less critical medications, that should be made explicit. Right now, the app seems caught between both audiences and fails to fully serve either.

The interface further suggests it's designed for younger users: small text (as low as 9.3 pt), tight touch targets, and thin contrast make it difficult for older users or those with visual impairments to interact comfortably. Even the voice feature - which could be the most valuable accessibility tool - is buried behind multiple layers of navigation, making the simplest task (logging meds by voice) unnecessarily complex. Enlarging this microphone interface and placing it at the center of the home screen would make the experience far more intuitive.

2. Care Circles and Sharing Features

Prototype Description: *PillPal, a mobile application targetted towards those taking multiple medications with complex community through voice technology and support circles.*

Simple Task *Logging a medication*

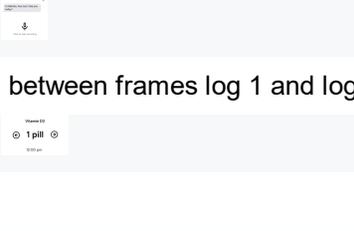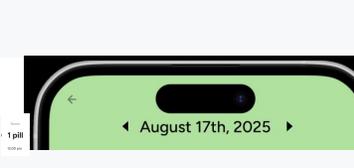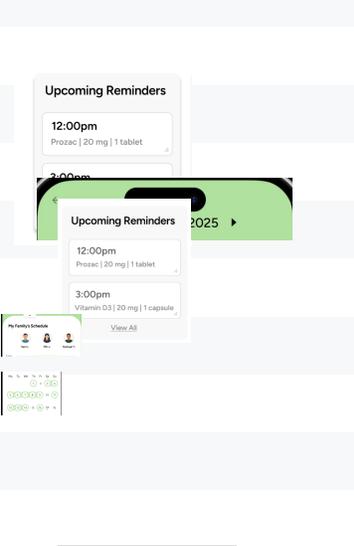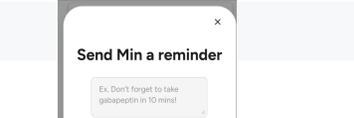**Moderate Task** *Reminding someone in your care circle to take their medication*

Complex Task *joining and participating in a community discussion related to medication support*

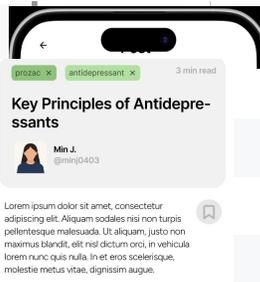| Problem #	Heuristic	Task	Severity
1	H8: Aesthetic & Minimalist Design	5. Extra Violations	1
3	H5: Error Prevention	1. Simple Task	2
4	H4: Consistency & Standards	1. Simple Task	1
5	H7: Flexibility & Efficiency of Use	1. Simple Task	2
6	H5: Error Prevention	1. Simple Task	2
7	H8: Aesthetic & Minimalist Design	4. All Tasks	1
8	H11: Accessible Design	4. All Tasks	3
9	H8: Aesthetic & Minimalist Design	1. Simple Task	1
10	H6: Recognition not Recall	1. Simple Task	2
11	H1: Visibility of System Status	1. Simple Task	4
12	H1: Visibility of System Status	1. Simple Task	2
13	H7: Flexibility & Efficiency of Use	3. Complex Task	4
14	H11: Accessible Design	4. All Tasks	2
15	H6: Recognition not Recall	1. Simple Task	3
16	H7: Flexibility & Efficiency of Use	1. Simple Task	2
17	H7: Flexibility & Efficiency of Use	2. Moderate Task	1
18	H1: Visibility of System Status	2. Moderate Task	2
19	H7: Flexibility & Efficiency of Use	2. Moderate Task	2
20	H10: Help & Documentation	5. Extra Violations	2
21	H4: Consistency & Standards	5. Extra Violations	2
22	H8: Aesthetic & Minimalist Design	2. Moderate Task	1
23	H3: User Control & Freedom	2. Moderate Task	4
24	H1: Visibility of System Status	2. Moderate Task	2

25	H8: Aesthetic & Minimalist Design	3. Complex Task	3
26	H8: Aesthetic & Minimalist Design	3. Complex Task	1
27	H3: User Control & Freedom	3. Complex Task	4
28	H1: Visibility of System Status	3. Complex Task	4
29	H4: Consistency & Standards	3. Complex Task	2
30	H8: Aesthetic & Minimalist Design	5. Extra Violations	1
31	H8: Aesthetic & Minimalist Design	5. Extra Violations	1
32	H8: Aesthetic & Minimalist Design	5. Extra Violations	1
33	H6: Recognition not Recall	5. Extra Violations	2
34	H8: Aesthetic & Minimalist Design	5. Extra Violations	1
35	H8: Aesthetic & Minimalist Design	5. Extra Violations	1
36	H12: Value Alignment & Inclusion	3. Complex Task	3
37	H4: Consistency & Standards	4. All Tasks	1
38	H8: Aesthetic & Minimalist Design	5. Extra Violations	1
39	H10: Help & Documentation	2. Moderate Task	2
40	H12: Value Alignment & Inclusion	3. Complex Task	2
41	H5: Error Prevention	1. Simple Task	4
42			
43			
44			
45			
46			
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55			

schedules to create routine and

*attach images in this column
if helpful*

Description	Images	Rationale
Navigation bar at the bottom too small (takes effort to press)		Rather than having users navigate with muscle memory, users have to actually
When pressing the microphone icon when trying to log a medication, the		I'm already on the logging medication screen, the only reason why I would be
When logging, the position of the left arrow and log button shifts, breaks	between frames log 1 and log 2	This breaks consistency if I'm clicking log but all my buttons are shifting
If i want to change the number of pills, there is a left and right arrow. This		For most of these numbering features, people are used to +/- as a way to do
I wonder if there is edge case prevention - someone trying to log		edge case prevention is important for error prevention
The transition between screens (right now is swiping in), doesn't feel natural		Most people's thoughts of using overlays is that it disappears, that's why
the back button is not aligned with the title (it's actually way too high) and small		People (esp your target demographic of 50+) might have trouble seeing it, and
The time for the pill is off centered from the name field and the "1 pill"	◀ August 17th, 2025 ▶	it just looks a bit off if its off centered
On the great job screen, it says "5+ days streak," why not just count the		To make it consistent and for users to be properly motivated rather than
After I log vitamin D it doesn't show up on my schedule screen (it shows 2		My changes / logs are not visible, I don't know if I have logged it or not, so
The home screen says to log prozac but then the actual log is for vitamin D,		My logs between home screen and actual logging of medicine is not
Navigation bar at the bottom completely disappears when I click into		This might be a design choice, but I want to be able to efficiently switch
The font sizes for some of the description on the home page like the		given that your target audience are on the older side, a font of 9.33 would not
The bell icon on the top right I thought meant notification from my care circle		people usually associate bell icon with notifs, and esp since you have a social
unclear what the left/right arrow button at the top of the schedule page next to		to speed up interactions, each button needs to be clear and consistent, if I
to increase the pathways, I wonder if its possible for reminders to be sent not		This makes it so that novice users have multiple pathways to send reminders
When reminder is sent, the button changes text to "reminder sent," but		to novice users or older users, they might need to look hard for
In the my family's schedule tab, if I want to check in on a family member, I		There should be multiple access points to see a family member's profile,
For the stats page, it tracks when I've taken my medication, but what if I have		In order to limit confusing and error prevention, the system needs to make
On the schedules page, it says "add a reminder" when I need to input a new		Adding a reminder might not be consistent with the narrative of
Too much white space in the "send min a reminder" at the top		the white space and it not really alignign with the x on the right draws
No way to actually record the reminder sent to family member, only playback,		While I know that the audio is hard coded, there's no way for me to wizard
I sent my reminder, now will I get reminded if my family takes their		Not only do I want to know that my reminder is sent, I want to be able to

Header is covered when I click into an article

The bookmark icon is alterting the structure of the first paragraph, making

Bottom of the help article I see other comments but I have no way of making

When I try to join the prozac dosage guide, the button doesn't change to

Are the trending posts trending posts from my group, or trending posts in

the * and (required) on the onboarding page is not aligned with each other

The left edge of "enter the code" and the actual code as well as the "didn't

search bar for medical should fill up the whole screen

"for each medication, please fill out information," but each medication looks

too much space at top for onboarding

random arrow at the bottom don't know what its for

I don't know if "congrats you just joined prozac dosage guide" really aligns with

all the rounded corners have diff values, like some round corners have

I wonde if its necessary to have two "next" buttons on the onboarding, one

I notice that when I want to send a reminder I can only send it for

For the support articles, what's the benefit of users seeing how many

What happens if I log more pills than my dosage? That's potentially a health

The header is not visible because the iphone island is covering it, and now I

Each line of the paragraph have varying length to account for the

I can't participate in community discussion related to medical support if

I can't join a community if the system status doesn't change to show me that

Users might be confused why the top pages (visual hierachy) are dominated

ts a tiny issue but it looksever so slightly off because the (required) is

The elements should all be aligned (at least left aligned) on the same axes for

unless its a design choice for it to take up ⅔ of the screen it would be more

For target customers of older age, it might be confusing how they would fill it

too much white space, brings my visual attention there first

just a random icon on the middle of the page, purpose unclear

imagine if I want to join the adult depression group and it just said

the contrast between sharp edges during onboarding with the very round

while there's nothing wrong with have 2 next buttons it introduces friction to the

Theoretically it makes sense for the user (past experience) to just send

If the values are to promote a community of inclusion and positivity,

As a health app, inherently there are going to be liabilities, and its important

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prozac ×   antidepressant ×   3 min read

Key Principles of Antidepressants

Min J.
@minj0403

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam sodales nisi non turpis pellentesque malesuada. Ut aliquam, justo non maximus blandit, elit nisl dictum orci, in vehicula lorem nunc quis nulla. In et eros scelerisque, molestie metus vitae, dignissim augue.

Username *(required)

Enter the code sent to (+1) 123-456-7890

0   0   0   0

×

+ Add more

Time Duration

Indefinitely

Fix
make the bar longer vertically
change dialogue to something like "What
make sure the position are the same
considering changing the left and right arrow to +
consider adding guardrails
keep this transition for transitioning between
consider making it bigger and moving it to align with
align them on the same vertical axis
use the actual number of days rather than x+
Make it so that when I log vitamin D, it's visible
make the logs of medication consistent to
add the navigation bar to the community page
make the font sizes at least 12, 14 is even better
replace the icon with something else (maybe a
clarify the arrows are shifting weeks by
add button to send reminders in this section
an overlay to say "reminder sent" so its
make it so that when i click on the family pfp it
either clarify the confusion or make it so that upon
to limit the confusing, change the wording to
get rid of the white space
add a microphone button and then upon pressing
add a notification (that's why the bell icon for

add extra space to the top
so that the header is
move the bookmark
button to the top grey box
add a comment button so
I can comment on an
when i press the join
button, add an overlay
Either clarify the point of
the trending posts or
put username and
*(required) into a frame
select all elements and
left align it
make it full screen
(excluding
instead of the x which
makes it seem like its an
move the header
consistenly spaced under
did you mean it put it in
the time duration frame?
Change the word
"congrats" to something
make the radius for corner
consistent for the same

remove the next on the top

maybe have a little tip
button at the top to show
this is a design choice but
consider removing it? up
insert emergency warning
or guardrails