

FIRST BRAINSTORM

Yash	Neelay	Linda	Ojeen	Vaughan	Kevin	Alyssa	Justin	Ji-hun
Loyalty card app	Campus activity tracker	course grade tracker?	chat/audio app	translator	Screen time controller(or social media time controller)	weekly food tracker (food list/planner)	Workout Tracker	online checklist (like issue & pull request)
Randomised Outfit chooser (Halloween costumes?)	Sleep tracker	diary sharing place? like reddit?	budget/spending tracker	store	online iclickers or voting software that easy to set up	meme randomizer (?)	Animal Guesser	crossword puzzle
Resource allocator - type in that you are struggling with a particular concept and the app suggests office hours for the class that you can attend?	Birdwatching app	online (easy) game like wordle	stock portfolio	puzzle solving		inspirational quotes for self	Spaced Repetition helper	music tracker
Workshop/ Electronics lab inventory	Hobby tracker	star tracer		simple music generation		vocabulary flashcards	Animal higher/lower	voting site (like youtube)
	Chore tracker			building/how to build		gift randomizer (gachapon app) (goes with inspirational quote to self)		

MINI PITCHES!!

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NEELAV'S PITCH

THE USER:

TAYLOR TRITON: A STUDENT AT
UCSD WHO'S JUST MOVED IN TO A
NEW APARTMENT



THE PROBLEM:

- HAVING TROUBLE STAYING ON TOP OF THEIR CHORES
- DON'T KNOW HOW TO CLEAN SOME THINGS/WHAT YOU NEED
- WANT TO DIVIDE UP WORK WITH THEIR ROOMMATES, BUT DON'T KNOW HOW TO DO IT FAIRLY

THE SOLUTION:

- SOME SORT OF WAY TO SCHEDULE AND TRACK CHORES
- SOME INSTRUCTION GUIDE FOR WHAT RESOURCES YOU NEED TO CLEAN AND HOW TO CLEAN
- SOME WAY TO FAIRLY ASSIGN WORK TO ROOMMATES



Linda's Pitch

The user:

People interested in watching/knowing more about stars

The problem:

- How to get the information of stars (rising and setting time)
- How to get the GPS position (user position)
- How to recommend the darkest place to user

Possible features:

- The possible event nearby (like what you can see tonight) ->need to integrate with API
- The short story of that star
- The short fact of that star

Solution:

- Integrate with the Astronomy API to get the rising and setting time of the star and darkest place
- Integrate with the HTML Geolocation API to get the geolocation of the user

Ojeen's Pitch

The user:

Mainly younger generation (gen z and millennials)

The Problem:

One of the problems I had has Gen Z, is that a good portion of my income would disappear after 2 weeks of getting my pay check, and for some reason, I was not able to track where all the money went. So I think the problem was that I did not have a financial goal, nor was I budgeting consistently and I am not the only person a lot of college students are in the same boat.

The Solution:

The app will help the user to keep track of all incoming income and then divide the spending into sections and allocate each section appropriately, this will help the user keep track of all spending and therefore help the user keep on budget.

Vaughan's Pitch

The user:

PC builder, craftsmen, cook

The problem: Many items are sold already assembled, what if a consumer is missing out on a cheaper deal by buying the parts to assemble these items. Given the sea of possible purchasing patterns it becomes unmanageable to sift through all of them to find the optimal deal for the desired item.

The solution: An application that tracks the part whole relationship of items, and helps them focus when they need to. From users perspective, the screen time is out of control because we like to receive new information from social medias, and smartphone is a convenient

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Kevin's Pitch

The user:

All the smartphones users, especially college students

The problem:

One Stanford University Study revealed that during an average week of in-person classes, screen use made up 50.2% of a student's waking hours, increasing to a scary 77.6% during the pandemic. Excessive use of smartphone has become a regularity, which is keeping us from being productive in meaningful activities. So the major problem is that many smartphone users have bad habits in using it, that their screentime is out of control.

The solution:

Our goal is to help users gradually have better habits, and help them focus when they need to. From users perspective, the screen time is out of control because we like to receive new information from social medias, and smartphone is a convenient

Alyssa's Pitch

The user:

Everyone

The problem: There are two problems in our world. One, some of us have too much time on our hands. We crave something to do, yet always fall short of finding an exciting thing to do. Two, we often run into all kinds of animals in our lives. Should we be scared that they have the ability to kill us or should we rest assured that they would be demolished in combat? None of us truly knows the answer to this question 100% of the time.

The solution: This game solves both of these problems perfectly. A game where you have to continuously and accurately predict which animal would win in combat.

The solution:

An application to track your weekly food choice and amount of calories consumed. This will help user understand their eating habit and make it better. Also, with the ability to keep food ideas in a list, users can use those to help them expand food choices.

1

Justin's Pitch

The user:

Everyone who listens to music.

The problem:

Some people, including me, want to know which songs they have listened the most in past week, month, or even years. We all get music recommendations from youtube and other music apps, but they don't actually tell us what songs and genres we listened the most. Korean music app Melon has a personal chart function which I found very useful, and I look at it often to see what kind of music I'm into each month.

The solution:

Then based on that personal music chart, they'd know their true favorite music, and explore new songs based on the data. This could be a free app unlike Spotify. If we can extract music streaming data from an app (spotify, apple music, youtube music, etc), then we can utilize that data to build a personalized music ranking. If we figure out how to extract streaming data, the remaining part should be fairly easy.

Jihun's pitch

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miro

WE, THE USERS, WANT...

Yash
Persona Name: Avi

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 - Low motivation to complete chores (too much work already)
 - Chores themselves seem to big to tackle straight on (to much time)
 - Other things in life seem to have more value - less pressure to do chores

What do you want the app to look like?
 - Say what chore I need to do based on priority and time it has been on the list (voice output will be nice)
 - Track chore completion with milestones to add a motivational component to it
 - Have celebratory animations (like the confetti in lab 5) to make using the app different from just a to do list
 - Assign a difficulty rank and split chores amongst roommates such that each room make has a similar total difficulty
 - OPTIONAL: Leaderboard for chore completion to make it competitive for roommates (added motivation and possible forced chore completion through social pressure)
 - OPTIONAL: Ability to set up recurring tasks

What do you think will be hard about making this app? Where do you think we'll get stuck?
 - Tracking difficulty level and splitting that fairly. This requires optimization formulae which would need to be implemented on JavaScript
 - Fun features for motivation. It can be easy to go overboard with these which may add unnecessary complexity to the project
 - Browser compatibility issues. We need to be careful with font and formatting choices since not all fonts will be supported by the browser. Need to have alternatives for browsers that may not support a custom font.
 - Screen size considerations. Designs may look very different and content may be hidden in smaller screens
 - Voice based features are nice to have but may be difficult to implement. Need to look into text to speech compatibility

NEELAY

WHAT IS THE HARDEST PART ABOUT DOING CHORES?
 - HARD TO BALANCE CHORES WITH HOMEWORK
 - I PROCRASINATE SOME CHORES UNTIL I ABSOLUTELY NEED TO DO THEM, WHICH IS UNSANITARY
 - THERE'S A LOT OF SMALL CHORES THAT I SHOULD BE DOING, BUT I ALWAYS FORGET ABOUT THEM
 - NOT SURE HOW TO FORCE MY ROOMMATES TO DO CHORES
 - HARDEST CHORES: CLEANING THE KITCHEN, CLEANING THE BATHROOM (ESPECIALLY THE SHOWER)

WHAT DO YOU WANT THE APP TO LOOK LIKE?
 MAIN PAGE
 CHORE CARD

WHAT DO YOU WANT THE APP TO DO?
 - KEEP TRACK OF ALL MY CHORES, RANKED BY URGENCY
 - MAKE IT EASY TO ADD AND TRACK RANDOM CHORES I COME UP WITH
 - ALLOW ME TO SCHEDULE WHICH CHORES SHOULD GO TO WHICH ROOMMATES
 - GIVE ME INSTRUCTIONS AND TIPS ON CHORES I HAVEN'T DONE BEFORE
 - WHAT DO YOU THINK WILL BE HARD ABOUT MAKING THIS APP/WHERE MIGHT WE GET STUCK?
 - MIGHT SPEND TOO MUCH TIME TRYING TO MAKE IT LOOK GOOD
 - IT'LL BE HARD FIGURING OUT HOW TO SHARE CHORE CARDS ONLINE
 - WE MIGHT THINK OF SOME FUN FEATURES, LIKE A "HOUSE CLEANLINESS ESTIMATE" BUT IT'S POSSIBLE THAT NOBODY WOULD USE THOSE FEATURES
 - FIGURING OUT HOW TO STORE ALL OUR CHORES LOCALLY AND IN A NON-VOLATILE FASHION

Linda

What is the hardest part about doing chores?
 - Hard to remember that chores per week
 - Hard to find a time to do chores

What do you want the app to look like?
 - Reminder features to remind the user to do weekly chores
 - Have a priority list to order the important chores
 - Some tips for doing chores
 - Update chores progress

What do you think will be hard about making this app/Where might we get stuck?
 - I think it might need to have a lot of chores in the chore list and this will make it complicate to use
 - How to identify the priority list -- need to decide by the user or by the system

Ojeen

1. What is the hardest part about doing chores for you right now? (e.g. do you always forget to vacuum the floor, does it always take too long to do all your chores, etc.)
 - I think the hardest part of chores would be procrastinating it or doing it the last minute.
 - The other thing would be like doing it an messy way, just so I have time for other stuff like hws/assignments

2. What do you want the app to look like? Draw it out! We'll add a space to post a screenshot on the Miro board.

3. What do you want the app to do? Make a list (and maybe show where you want to access those features in your drawing)
 - prioritize certain tasks and give a reminder that the task is due
 - set a time frame for the reminder (i.e. daily, weekly, etc)

4. What do you think will be hard about making this app?
 Where do you think we'll get stuck?
 - I believe one of the difficulties for me is coming up with features that are easily to implement and easily accessible,
 Moreover, I am a person who cares about **perfectionism** and that could be an issue since we only have a short period to develop this, with as little features as possible. .

Vaughan

What is the hardest part about doing chores for you right now?
 Focused on other tasks resulting in chore neglect
 Putting them off till later
 Forgetting to do them
 They are annoying

What do you want the app to look like? Draw it out! We'll add a space to post a screenshot on the Miro board.

What do you want the app to do? Make a list (and maybe show where you want to access those features in your drawing)
 Recommend tips to make chores more efficient
 Track chores
 Hold user accountable for chores/Periodic alert for chores
 Appeal to disorganized people/Avoid hard deadlines by default, can be changed, using qualitative words like often, sometimes, etc
 Incentive to interact with app
 Prioritize tasks
 Task customization support, period = duration between task, urgency = degree of alert missing this task causes, etc
 What do you think will be hard about making this app? Where do you think we'll get stuck?
 How to integrate app into the background
 Figuring out all the sliders for task customization without making it overwhelming
 Figure out proper compromise between user friendliness and features

Kevin

What is the hardest part about doing chores for you right now?
 Always forgot to do them when you have time.

What do you want the app to look like? Draw it out! We'll add a space to post a screenshot on the Miro board.
 It should be very simple to use; we should be able to arrange the drags the modules into preferred orders; it should be very easy to set time notification for the chores, such as click on them to set the time. Make the chores on weekly basis at most,

What do you want the app to do? Make a list (and maybe show where you want to access those features in your drawing)
 1. We can plan what chores we need to do and when should we do them on it
 2. It should remind us to do the planned chores on the planned time.
 3. We can distribute the chores with our roommates, and we can generate a picture of this plan to share with them. Avatars for different people.
 4. It can show the chore that we do the most, edit it, so they can stay on the main page.

What do you think will be hard about making this app? Where do you think we'll get stuck?
 Make the app very easy to operate while having all the necessary feature.

Alyssa

What is the hardest part of doing chores?
 - cleaning chores + cooking has been really hard for me bc my work life balance is whack lol

What do you want the app to do?
 - for me a user who would use our app needs help with life organization and it kinda suggested that they don't have lots of time for tasks (students and working adults)
 - app should be really simple to navigate, easy to add chores and mark them as complete bc the last thing you need is another task on your plate
 features:
 1. add chores
 2. chore cards with ability to mark chore as done, to mark as important and to delete chores (fast swipes)
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 7. notifications as reminder to do task
 ** group old tasks to keep as everyday or every month routine **

What do you think will be hard about making this app? Where do you think we'll get stuck?
 I think what I have is very simple but maybe managing the database might be a hustle
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Justin

What is the hardest part of doing chores?
 -Procrastinating chores that don't necessarily need to be done but should be done
 -Forgetting which chores need to be done
 -Doing chores that are very short but are a very mild annoyance

What do you want the app to do?
 Set chores to do at a specific time
 Remind you to do the chores
 Make you check it off as done otherwise keep reminding

What do you think will be hard about making this app? Where do you think we'll get stuck?
 I think the simple parts of the app will be very reasonable to make, but doing more complex ones will be hard to get stuck a bit

Jihun

What is the hardest part about doing chores for you right now?
 - I keep procrastinating chores like cleaning my room, dishes, throw away trashes...
 - I postpone them until they can't be postponed
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What do you want the app to look like? >

What do you want the app to do?
 - Allows me to actually schedule the time for the chores (ex. 9am - throw trashes away, 9:30am, wash the dishes, etc.)
 - It tracks my daily routine and progress, and gives me a weekly or monthly report of how I managed these work.
 - Give alerts to me and my roommate when the chores is not finished on time.

What do you think will be hard about making this app? Where do you think we'll get stuck?
 - How to make it actually be fun and appealing to the users.
 *Need to make it actually useful with good design

What is the hardest part about doing chores for you right now?

- Low motivation to complete chores (too much work already)
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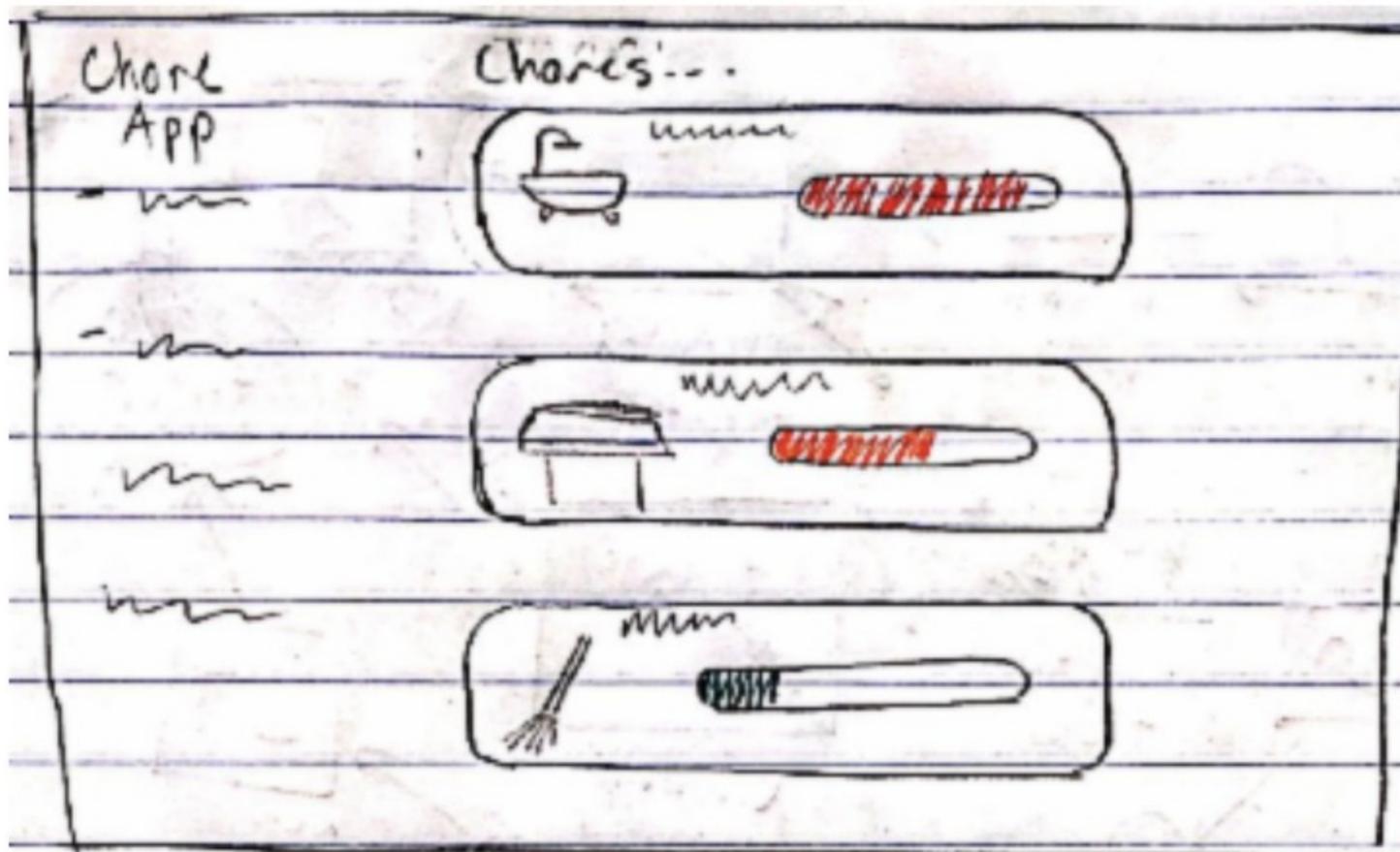
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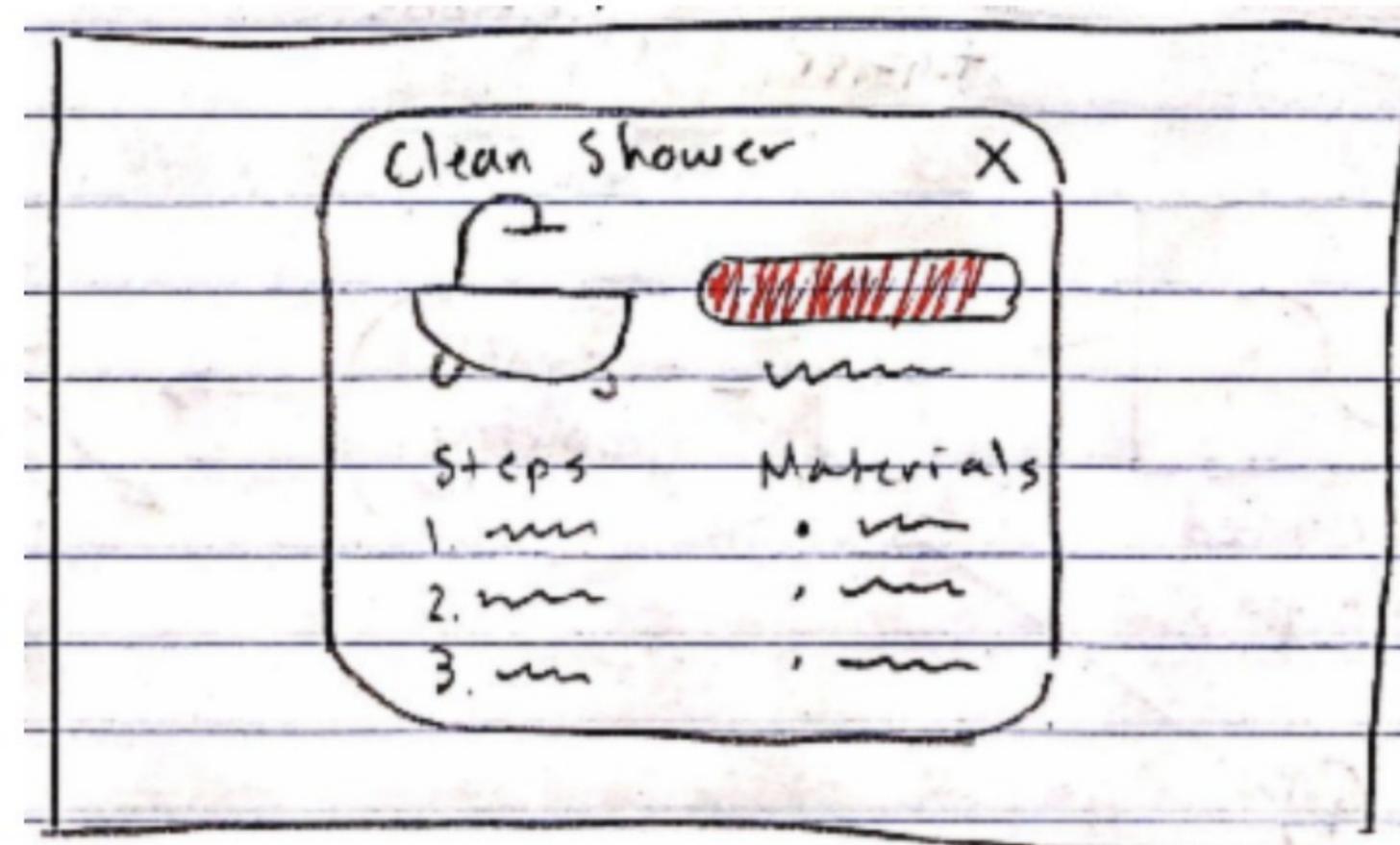
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WHAT DO YOU WANT THE APP TO LOOK LIKE?

MAIN PAGE



CHORE CARD



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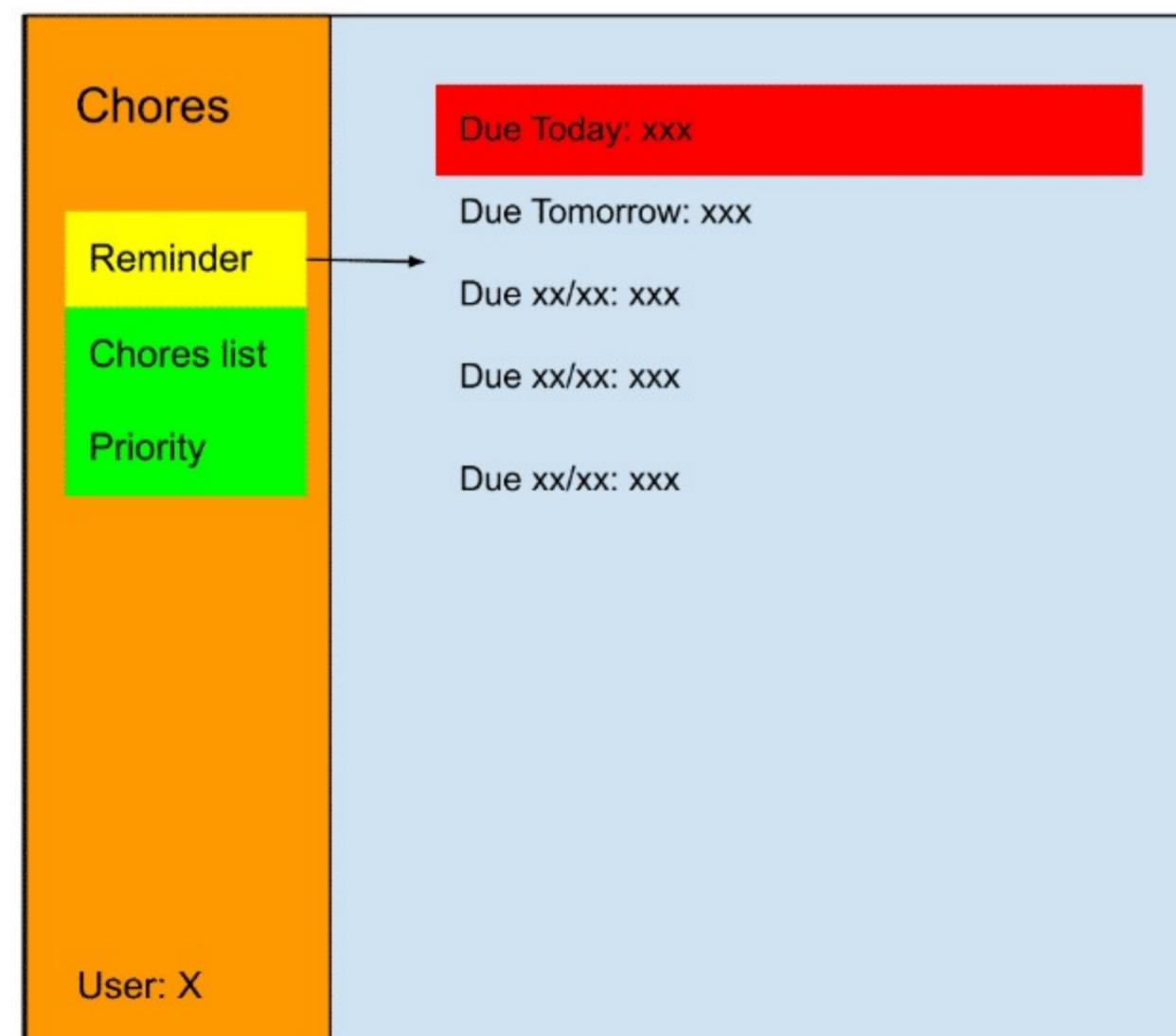
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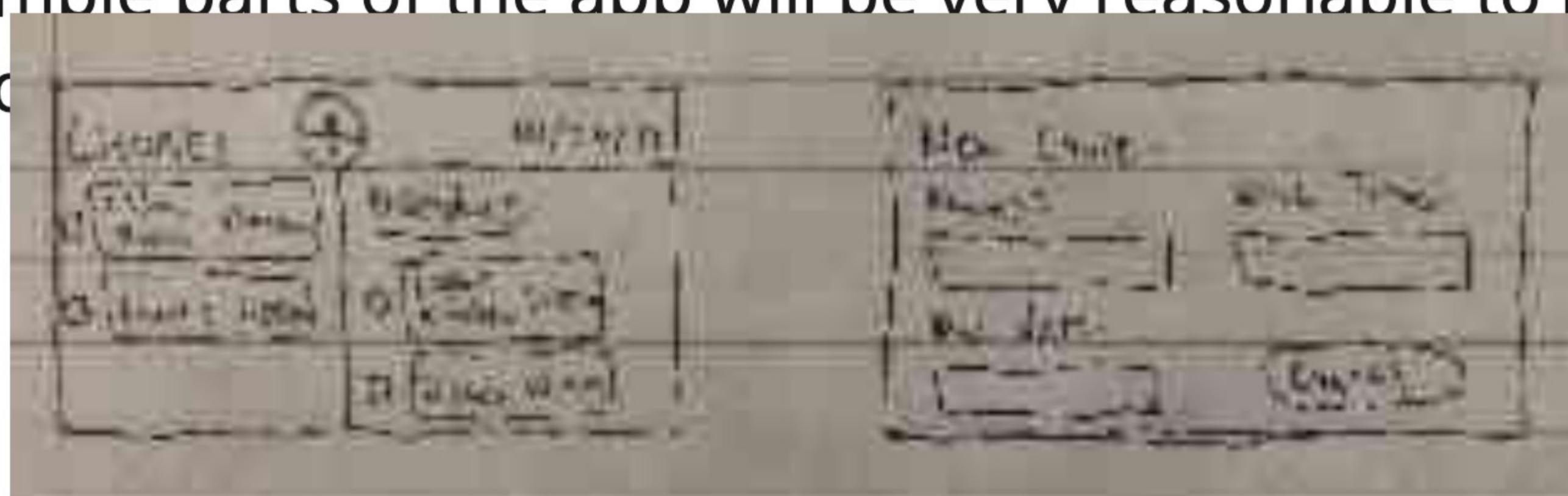
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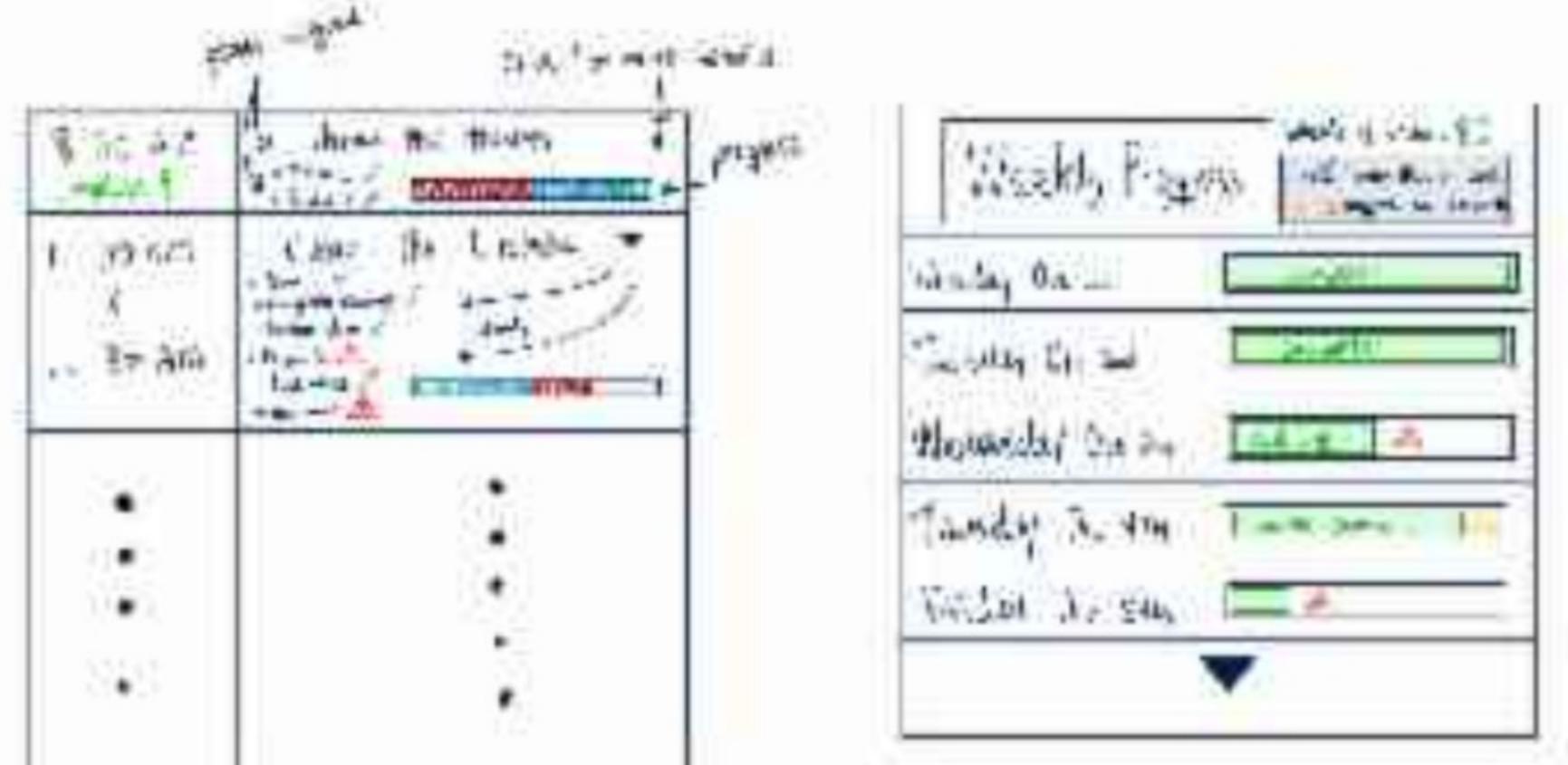


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