

GLORIA CAO

2023-2024

# PORTFOLIO





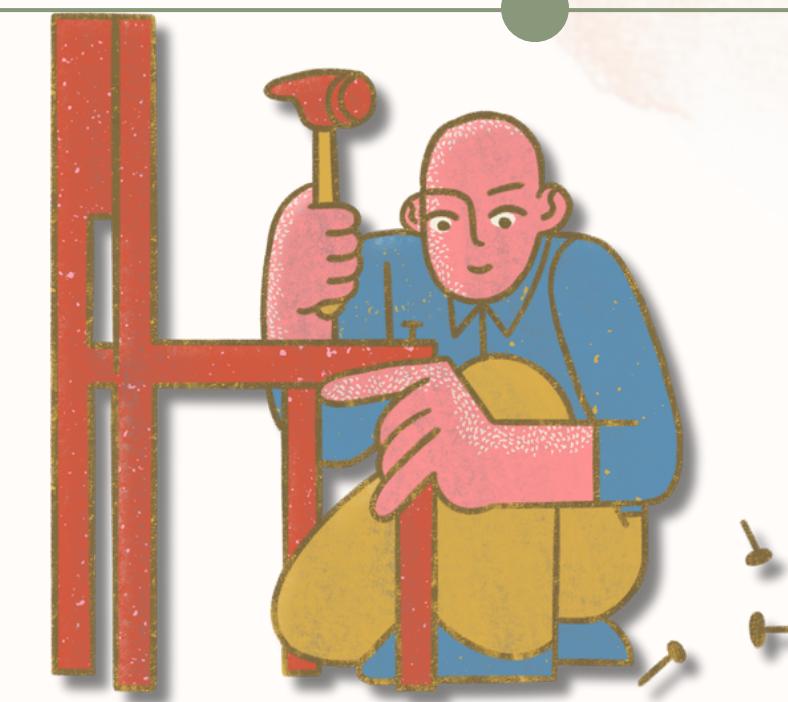
CLICK IMAGE FOR WEBSITE 

GITHUB REPOSITORY 

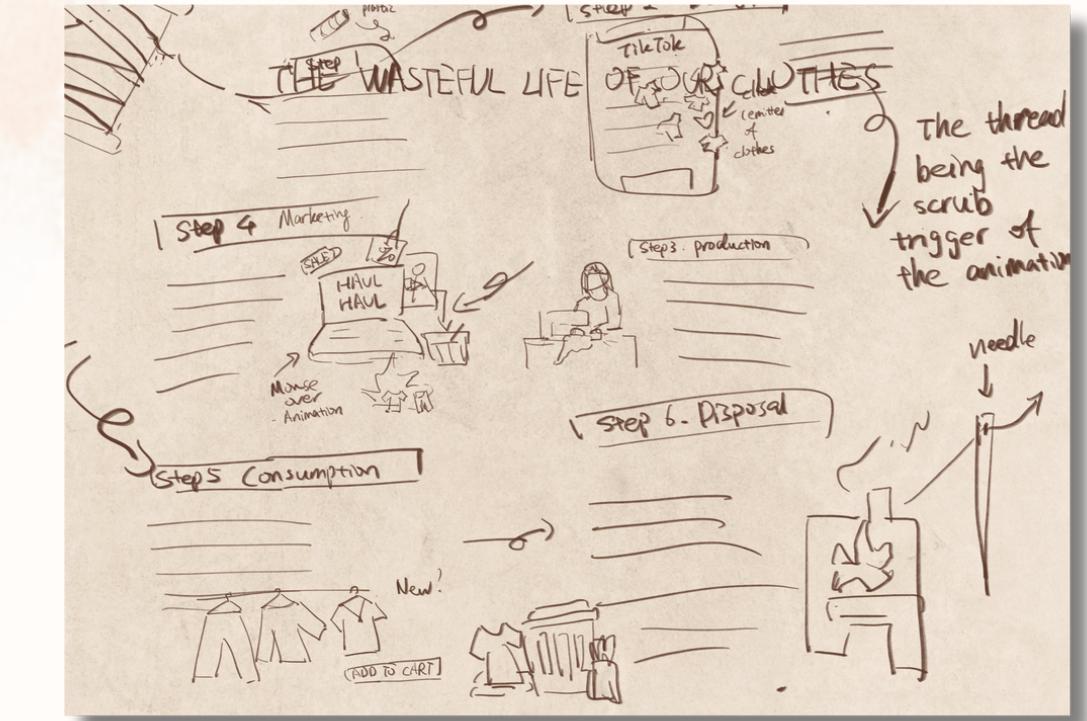
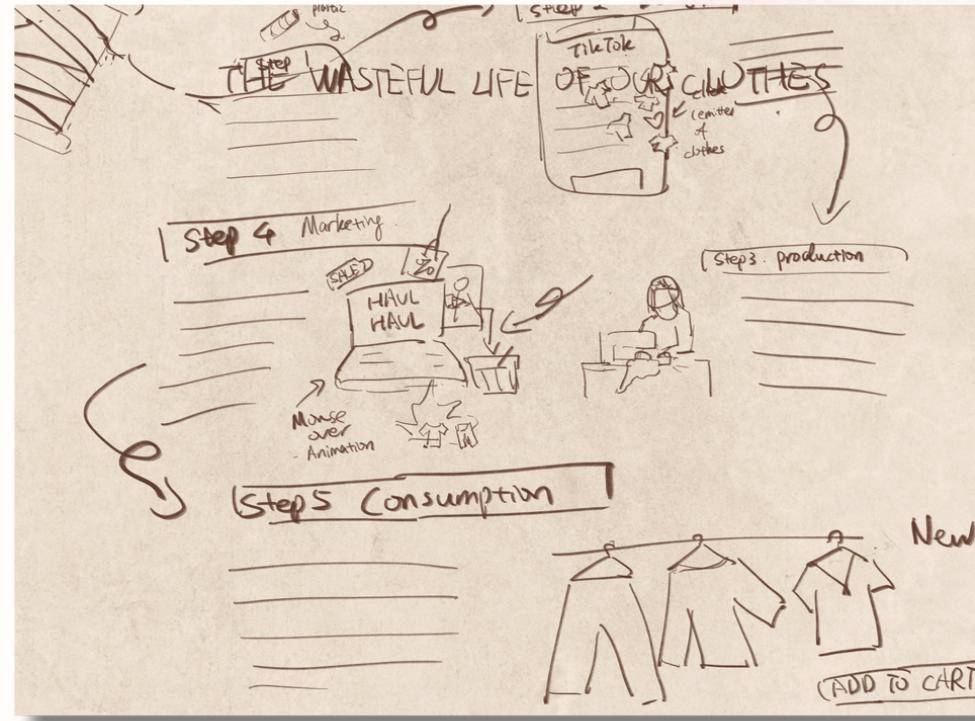
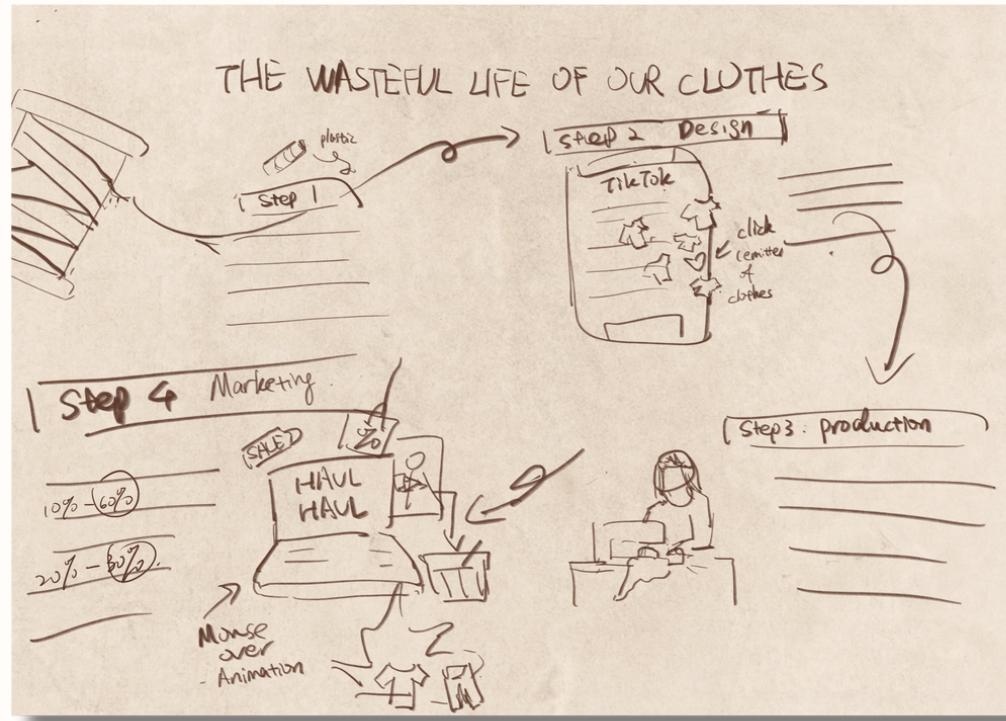
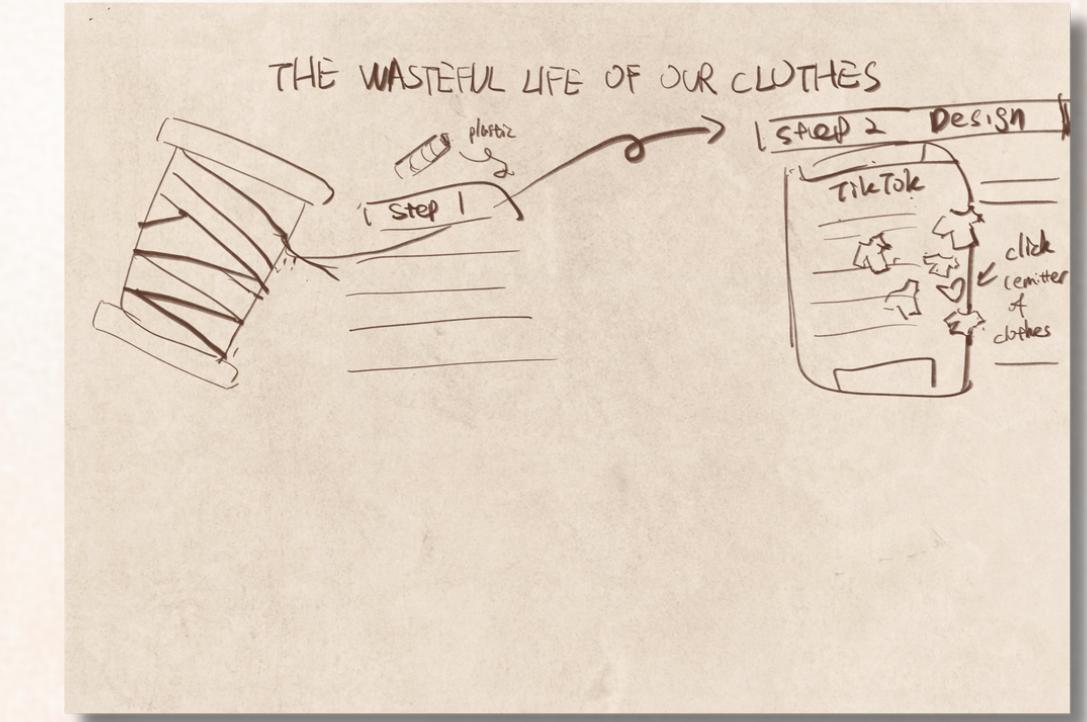
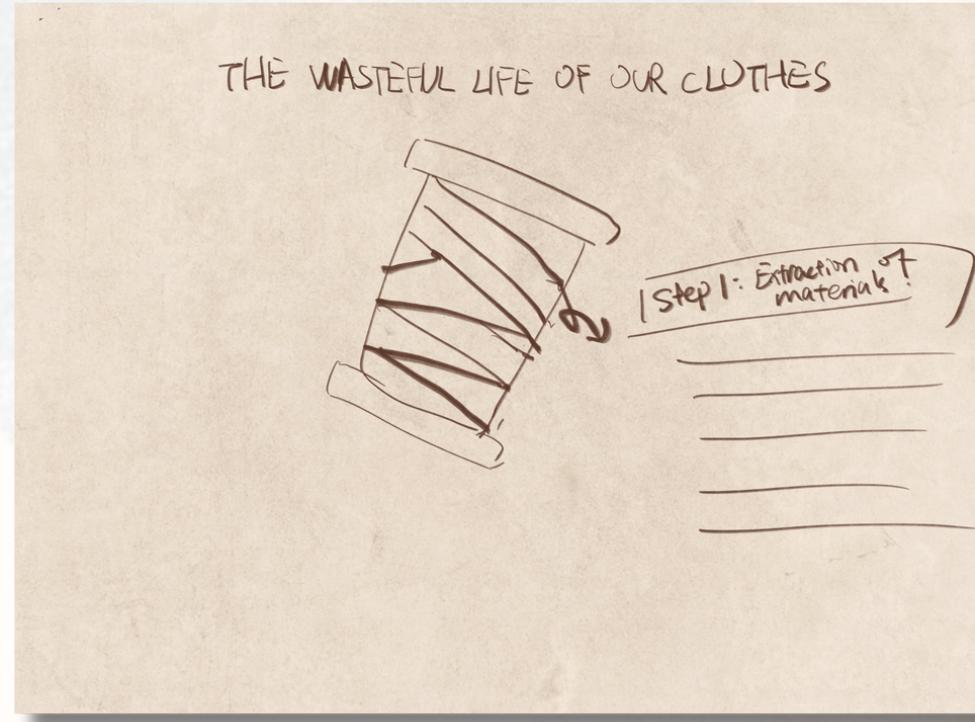
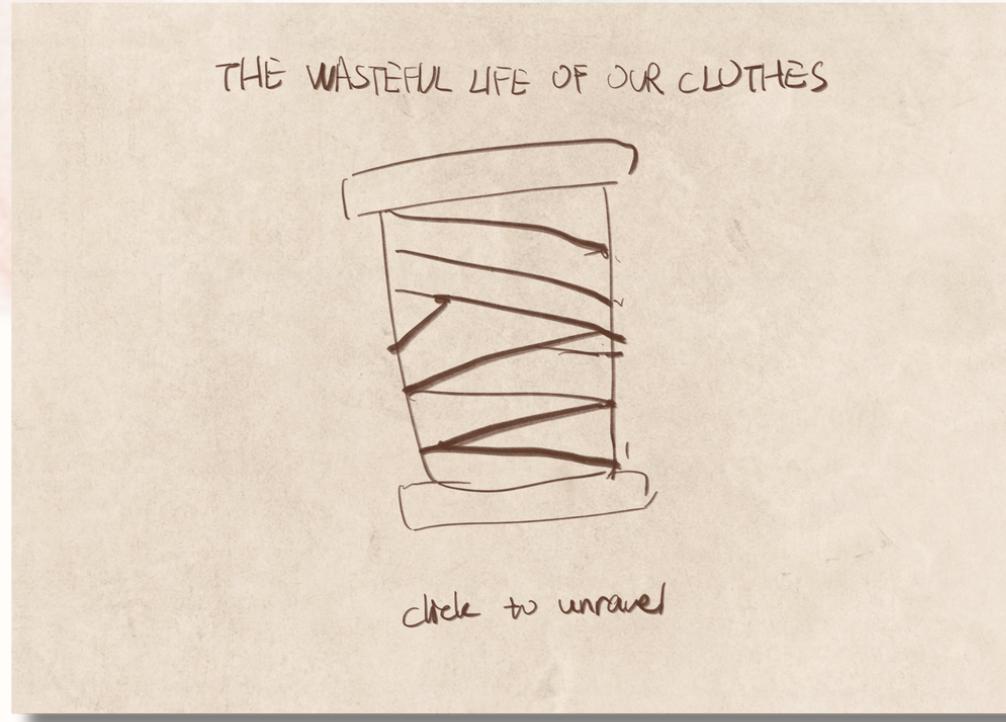
# BEYOND CIRCULAR FASHION

Beyond Circular Fashion is a personal project where I delved into the intricate web of the fashion industry's current unsustainable business model, weaving together a comprehensive interactive infographic using ZIMJS. This dynamic presentation not only highlights the critical issues plaguing the industry but also engages viewers through immersive elements that bring the data to life.

# Concept



# WIREFRAMES



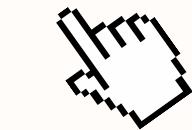
# DEMO



# KEY FEATURES



## Interactive Elements:



ADD TO CART



## Navigational Threads:

Pull the sprite to scrub animation and unveil the infographic.



## Feedback Animation:

Interact with the elements to trigger animation.



## Coding snippets:

```
const dataSlider = new Slider({
  min: 0,
  max: 100,
  step: 1,
  barColor: "#4C94A7",
  barLength: 260,
  barWidth: 10,
  button: new Button({
    width:65,
    height:61,
    backing:new Pic("Shirt.png").reg(CENTER),
    label:""
  })
).addTo(container)
.ord(4)
.sca(5)
.loc(5077, 5282)
.change(() => {
  const currentValue = dataSlider.currentValue;
  numberLabel.text = dataSlider.currentValue
  if (currentValue === 60) {
    clothes.alp(1);
    cart.alp(0);
  } else {
    clothes.alp(0);
    cart.alp(1);
  }
});

dataSlider.bar.alpha = 0.5;

dataSlider.animate({
  props:{scale:{min:5, max:5.2}},
  time:1,
  ease:"linear",
  loop:true
});
```





CLICK IMAGE TO PLAY 

GITHUB RESPOSITORY 

# CAT HAVEN

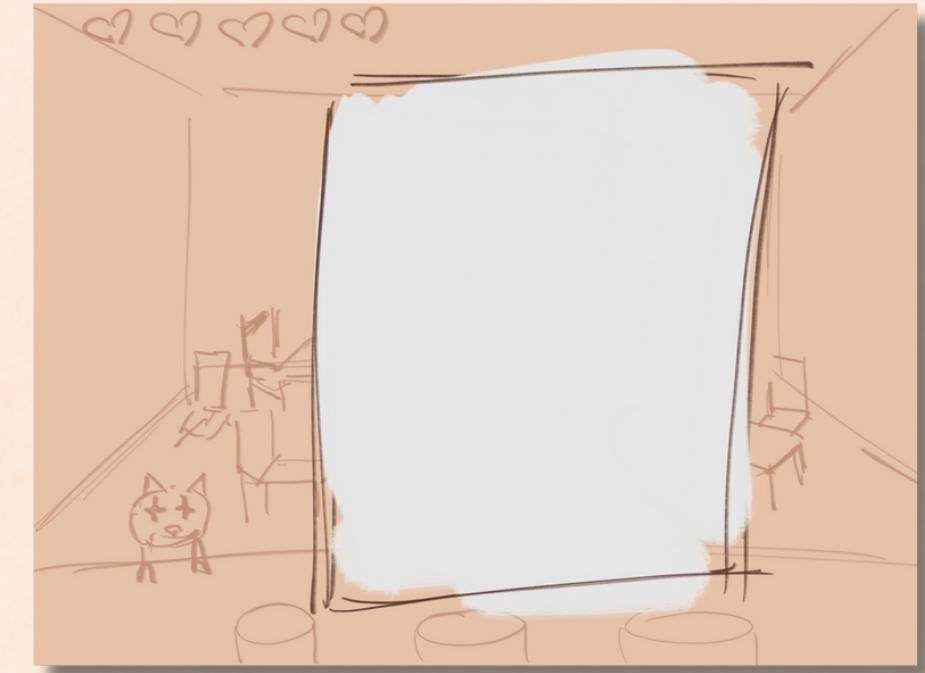
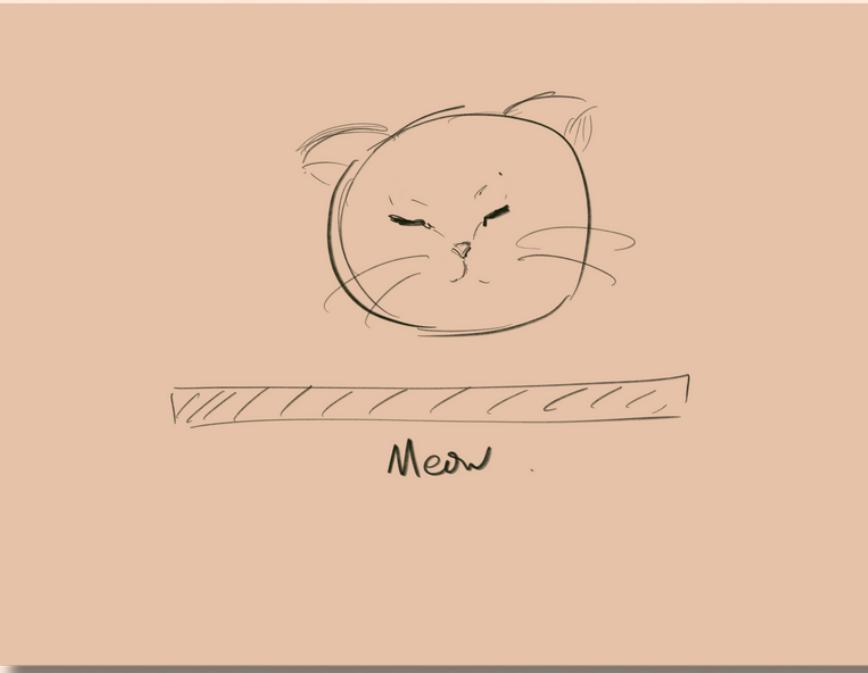
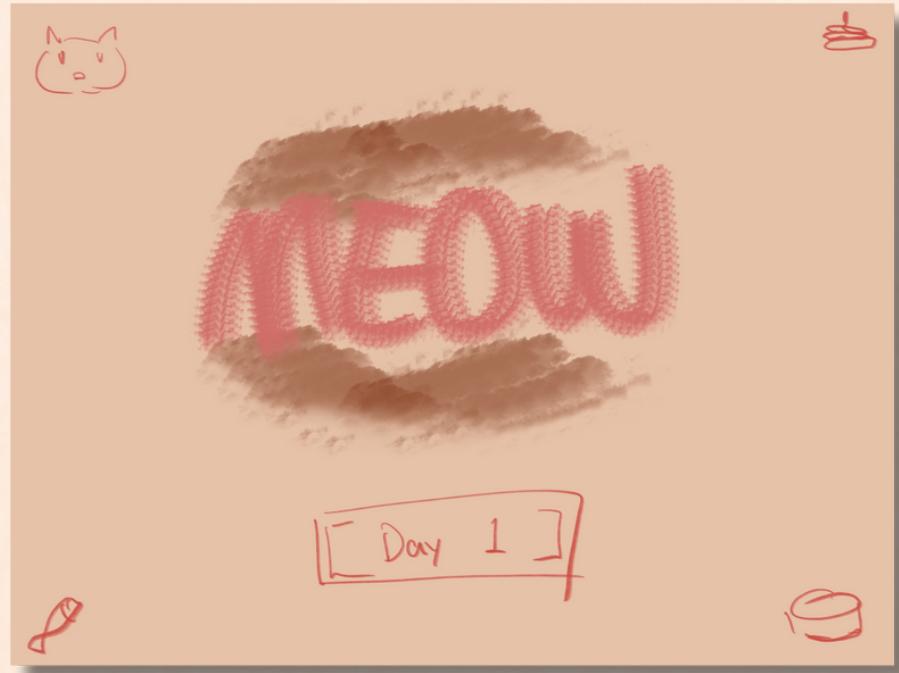
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Cat Haven is a kids' game that challenges players to memorize the specific needs of adorable cats and feed them in time, fostering a playful and educational experience.

## My role:

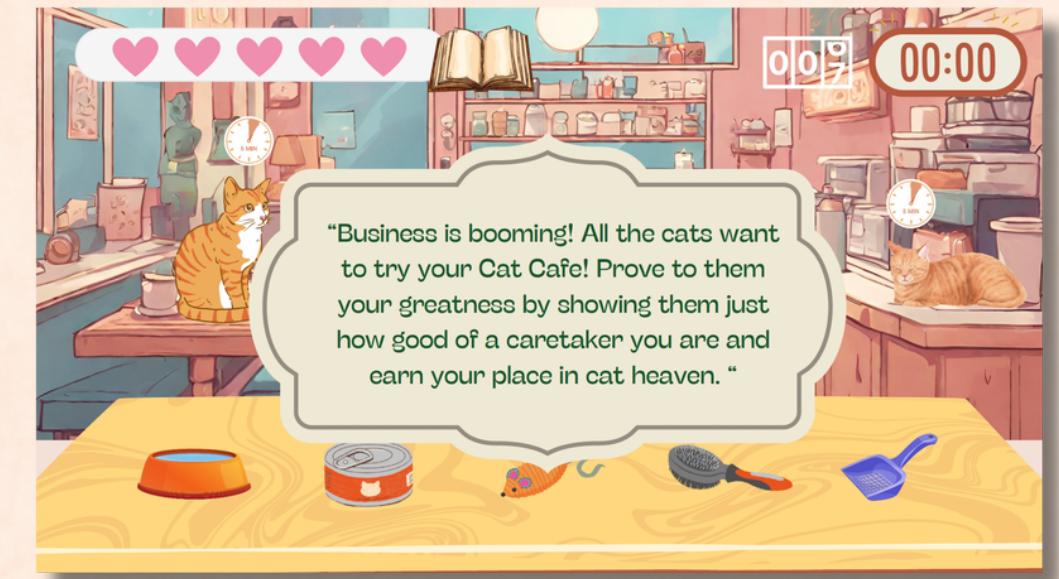
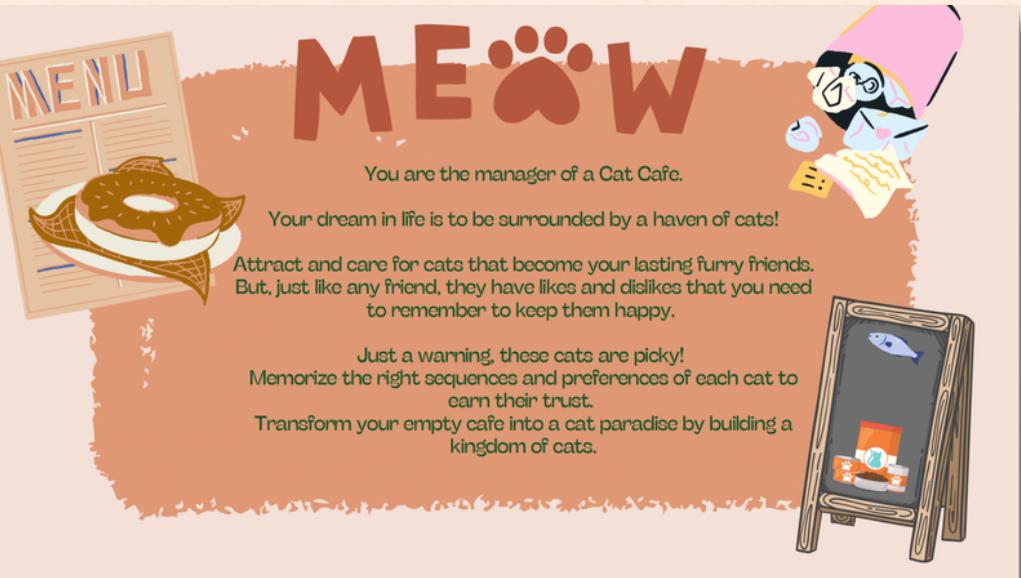
- Game Level & Asset Designer
- Programmer

# DESIGN PROCESS (sketches)



# DESIGN PROCESS

(Mockup)





# KEY FEATURES

Cat Bible:



Users can easily navigate through the "Cat Bible" to be reminded of each cat's specific requirements.



Random cats will be added sporatically:



**Feedback Mechanism:**  
Cats will decline items they don't like.





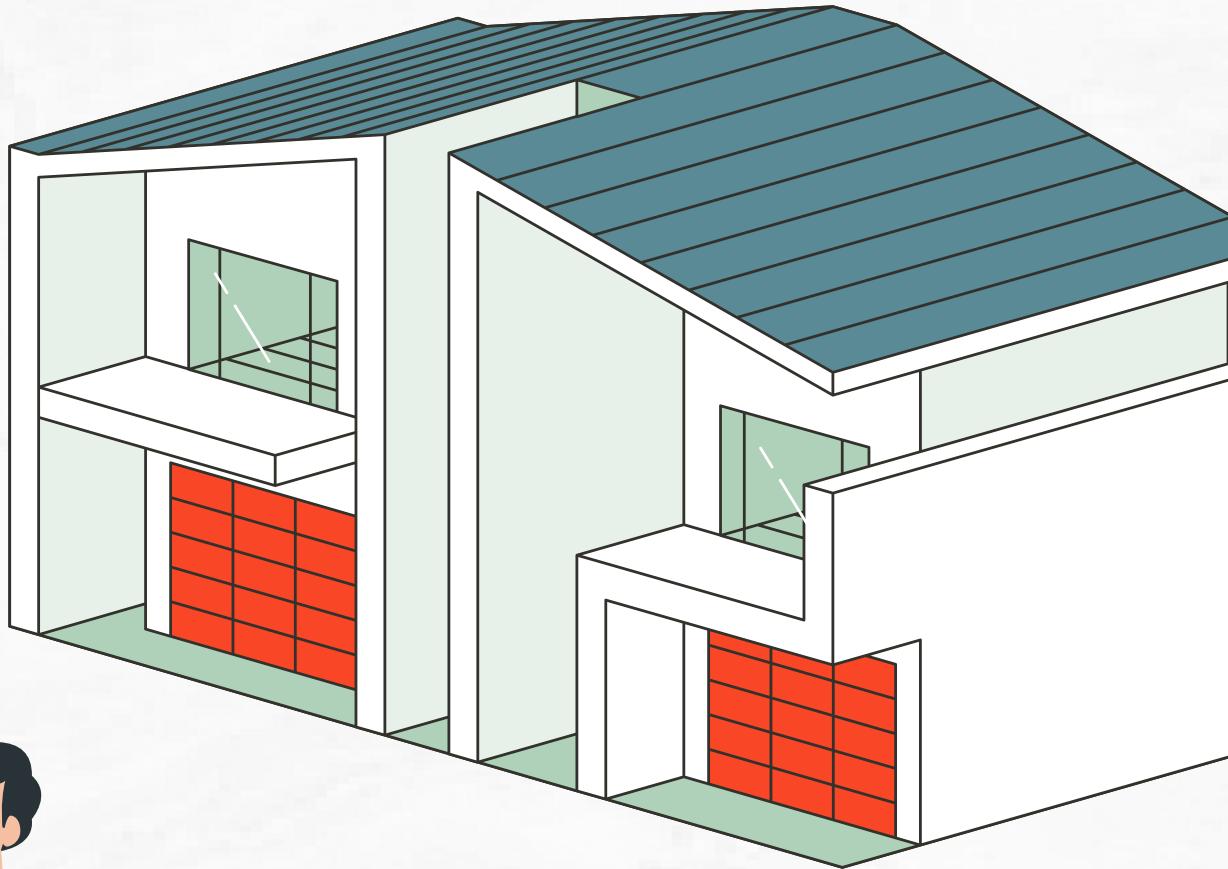
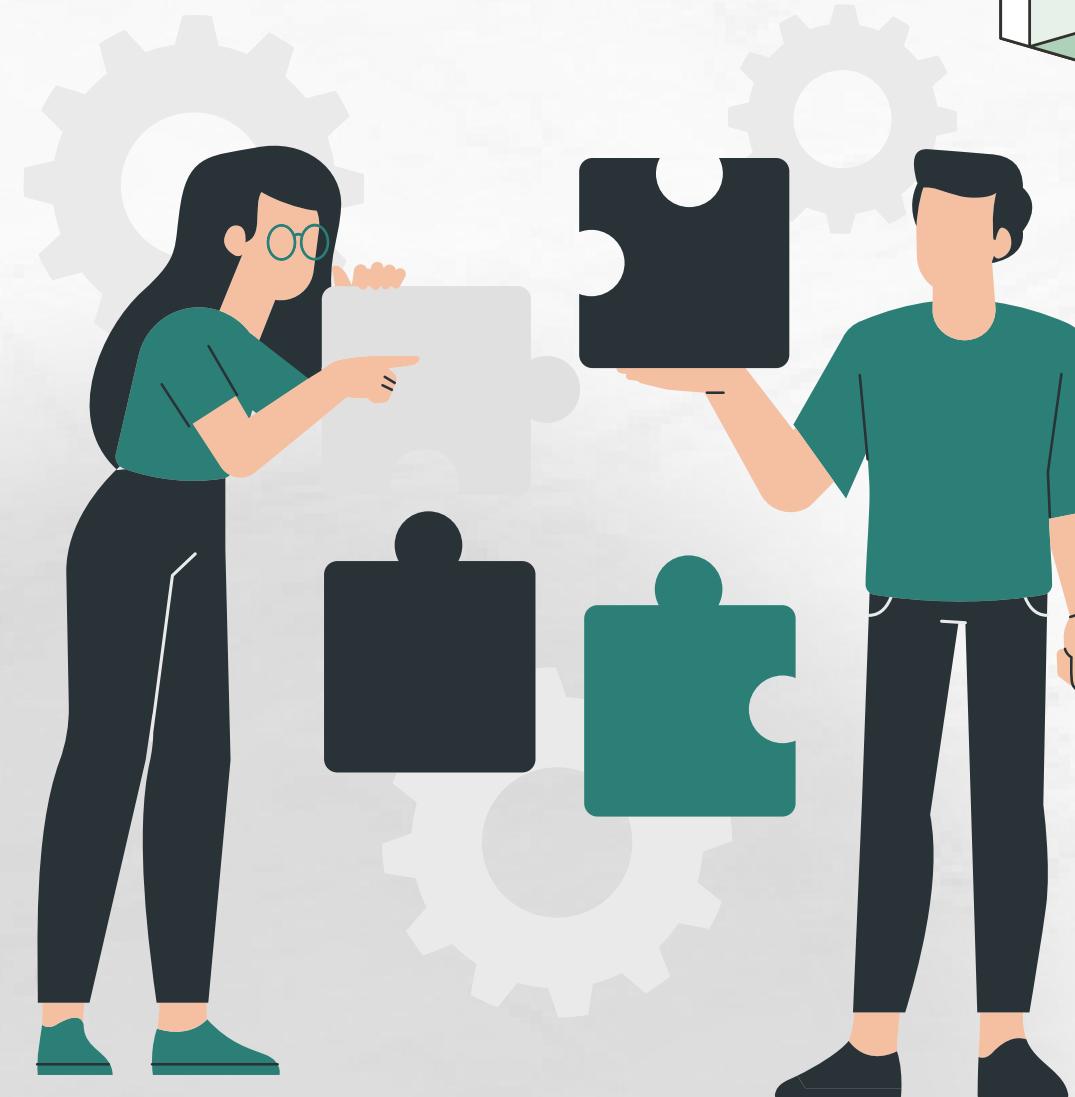
# HARMONY

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My project "Harmony" is a solution designed to make shared living more enjoyable by enhancing communication, simplifying task management, and promoting harmony among roommates.

The app streamlines chores, shopping lists, resource sharing, and privacy concerns, saving users time and energy. The app will address common issues faced by individuals sharing living spaces.

# PROBLEM



54%

of 23 to 29-year-olds live in **shared households** according to Zillow's recent census analysis.

Despite the increasing prevalence of shared living arrangements among young adults due to rising housing costs and evolving financial trends, roommates often face challenges.

While the advantages of having roommates are evident, there exists a need to address the common frustrations associated with shared living. This raises the question: Can a product be developed to alleviate these challenges and transform the roommate experience into a positive and harmonious one?

# RESEARCH

## Assumptions

- Roommates want to be graded
- Roommate have a system for TP, Soap, Laundry, etc.
- Roommate will argue over every issue
- Roommates want to share
- Roommates need to be able to reimburse each other
- Roommates want to be friends with each other

## Anti-Assumptions

- No one wants to be graded
- "Fend for yourself"
- Roommates care for each other and forgive easily
- Roommates want to be as independent as possible
- Everyone can pay for things separately
- Interaction with roommates should be minimal



The objective is to develop a user-friendly and accessible tool specifically tailored to meet the immediate needs of roommates seeking to enhance communication and task coordination within their shared living environments.

# SOLUTION KEY FEATURES

Good Morning,  
Mansi

3676 Happy Family

THURSDAY, NOV 16

TO-DO +

- Clean the dishes
- Water Su's plants
- Trash duty
- T

TO-DO LIST

This section displays a portion of a mobile application's user interface. It includes a greeting, a family identifier, the current date, a to-do list, and a section labeled 'TO-DO LIST'. The to-do list items are represented by cards with icons and status indicators.

## LEAVE NOTES FOR YOUR ROOMMATES

NOTES +

Jass Having friends over tn!

Reply...

Don'

SHOPPING LIST +

- Bread
- Hand Soap
- Eggs
- Salmon

SPLIT BILL +

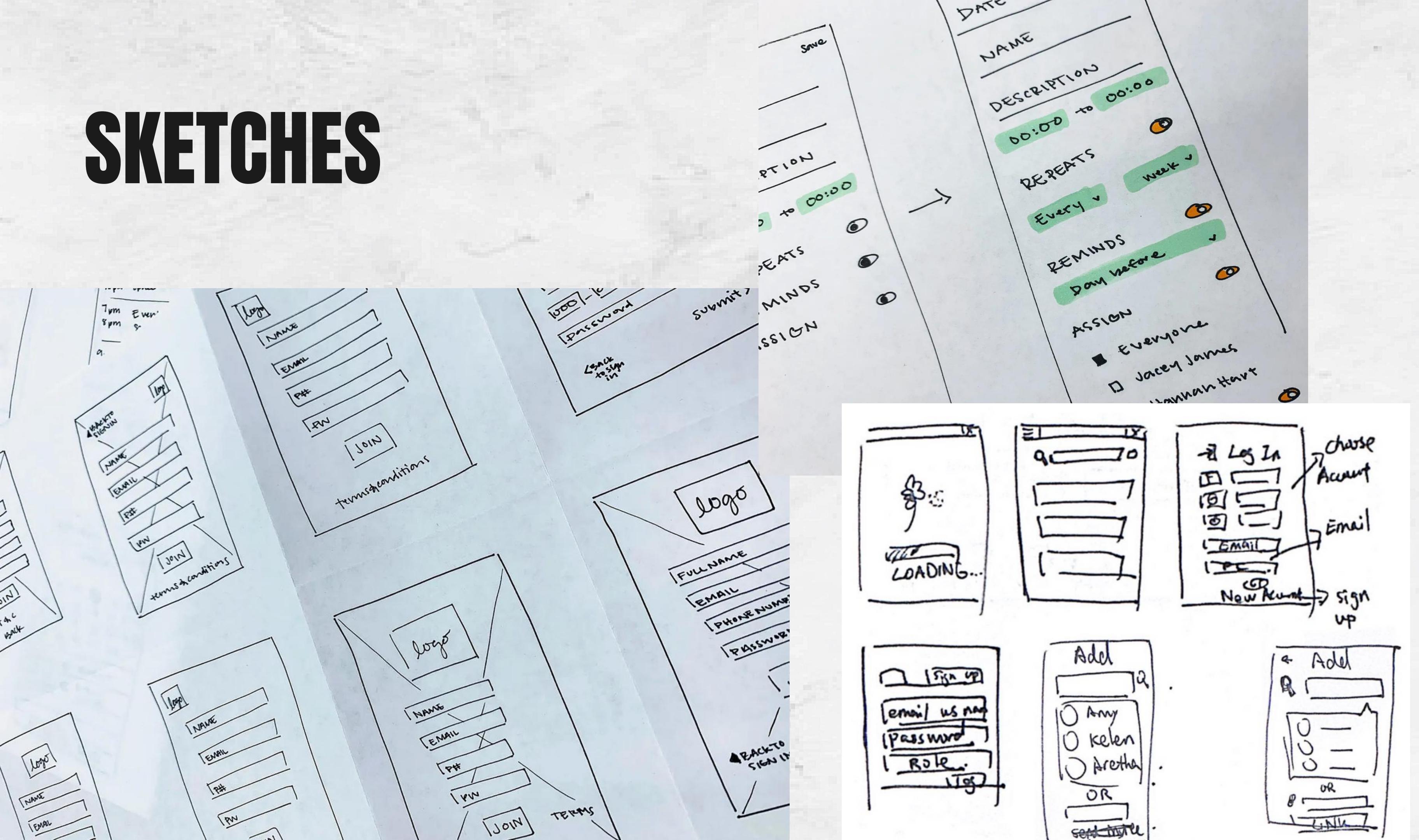
UBERRRR \$56.78 PAID

Water \$46 PAID

SHARED GROCERY & BILL

This section displays various features of a mobile application. It includes a 'NOTES' section with a note from 'Jass' and a reply input field, a 'SHOPPING LIST' section with items like bread, hand soap, eggs, and salmon, a 'SPLIT BILL' section showing a total of \$56.78 paid, and a 'SHARED GROCERY & BILL' section showing a total of \$46 paid. Each feature is presented in a card-like format with icons and status indicators.

# SKETCHES



# WIREFRAME

9:41

Signal Strength | Wi-Fi | Battery

**HOUSEHOLD HARMONY**

**Sign In**

OR

**Sign Up**

[Terms & Conditions](#) | [Privacy Policy](#)

9:41

Signal Strength | Wi-Fi | Battery

**Sign Up**

Name

Email Address or Username

Password

Confirm Password 

Yes, I agree to the terms and conditions. [Read More](#)

OR

Sign Up using

**Create Account**

9:41

Signal Strength | Wi-Fi | Battery

**Verify Account**



Hi Mansi!  
Thank you for signing up with House Harmony! Please confirm your email address by clicking the link below

**Confirm Email**

[Didn't Get It? Resend](#)

9:41

Signal Strength | Wi-Fi | Battery

**Who Lives With You?**

 **Get Link**

Email Address

Email Address

Email Address

Email Address

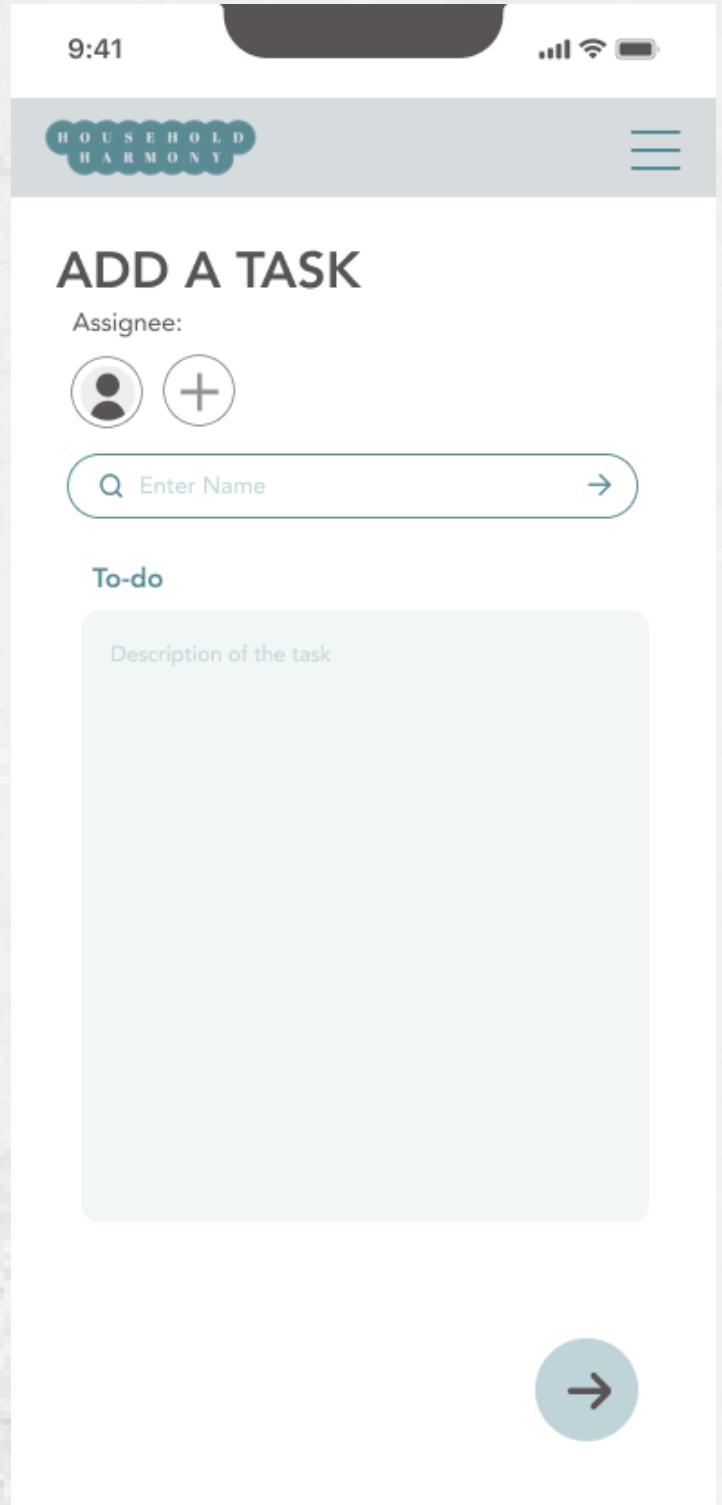
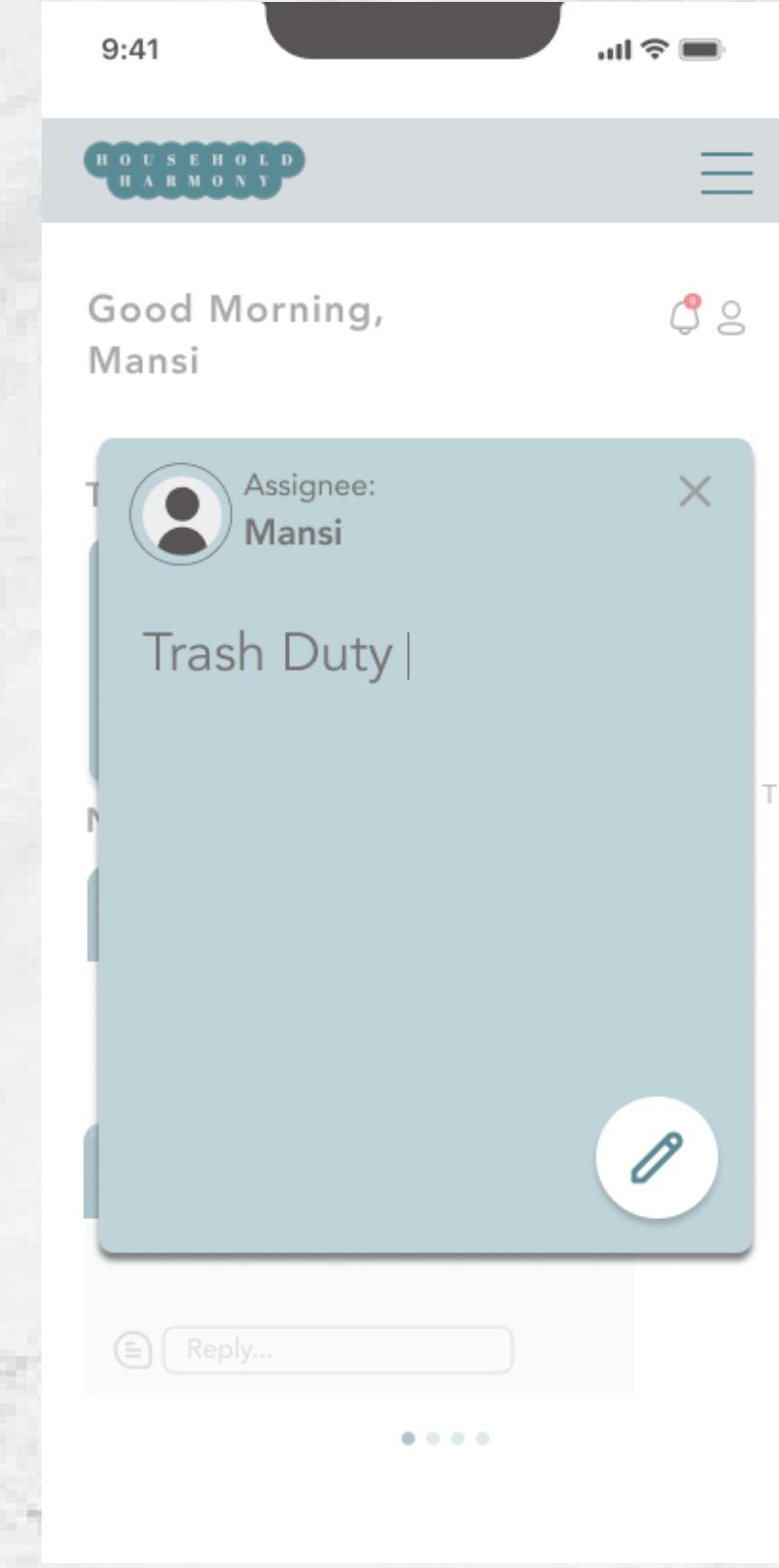
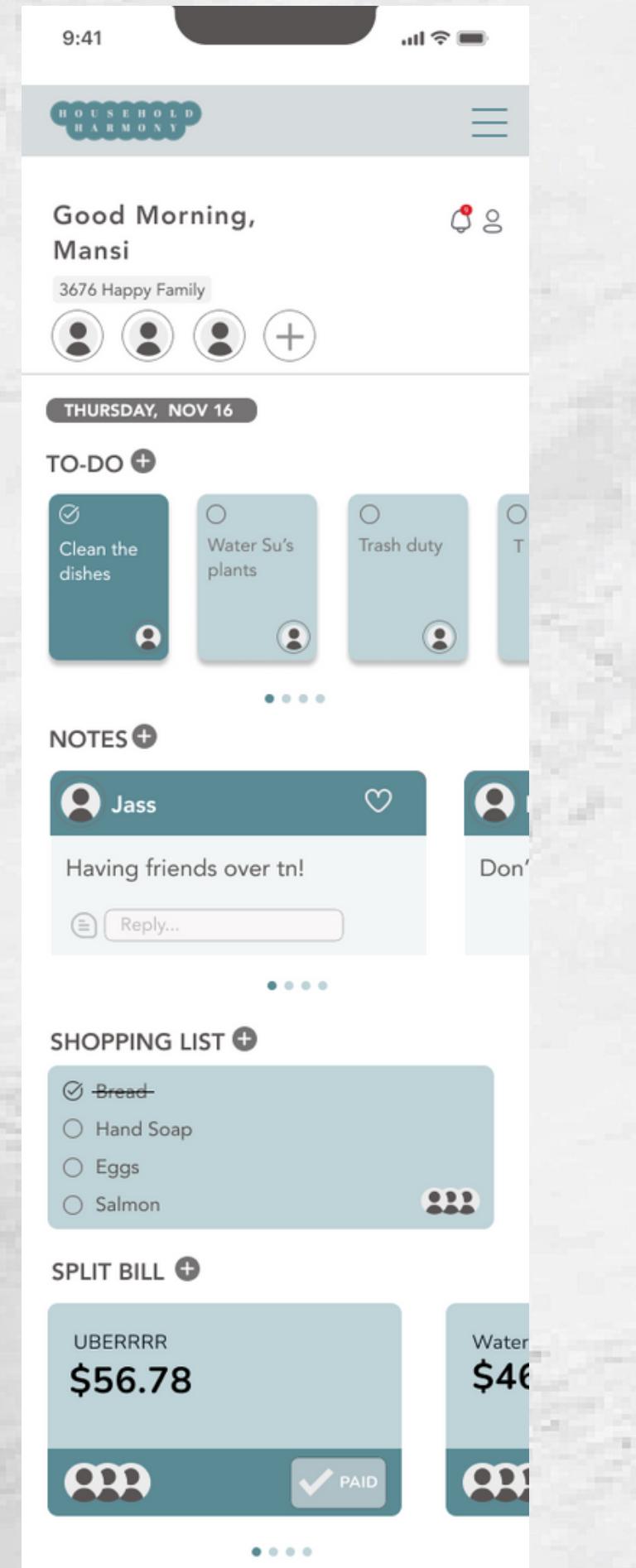
+ [Add More](#)

Find Existing Users

Email Address or Username

**Invite**

# WIREFRAME



# WIREFRAME

9:41

HOUSEHOLD HARMONY

## ADD A BILL

Split with...

**Bill Name**  
What did you spend on?

**Description**  
Enter bill description here...

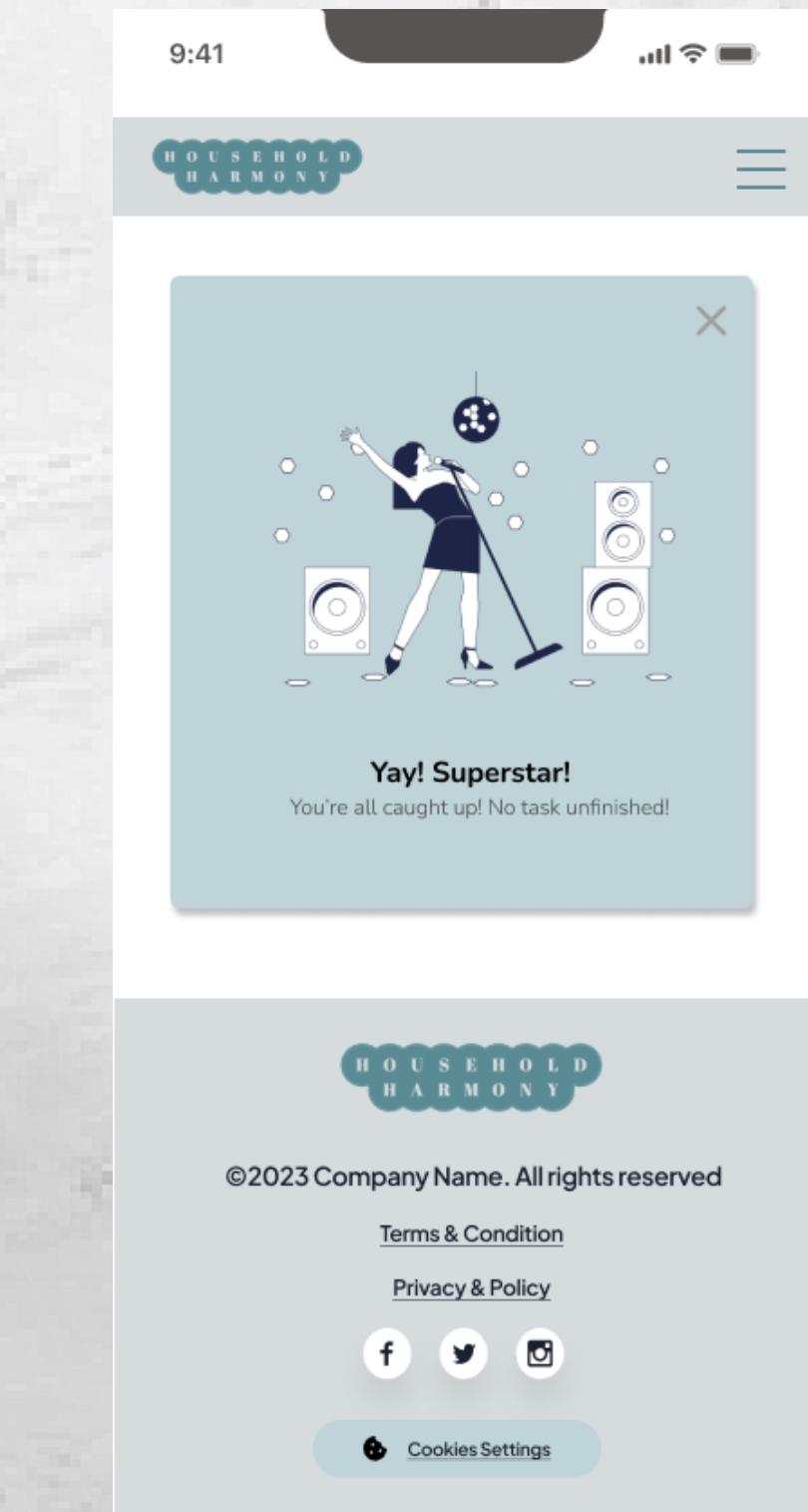
**Amount**  
\$ 0.00

**Paid By**

**Due By**  
YYYY/MM/DD

**Split Amount**  
\$ 00.00





9:41

HOUSEHOLD HARMONY

## ADD PERSON

Email Address

+ [Add More](#)

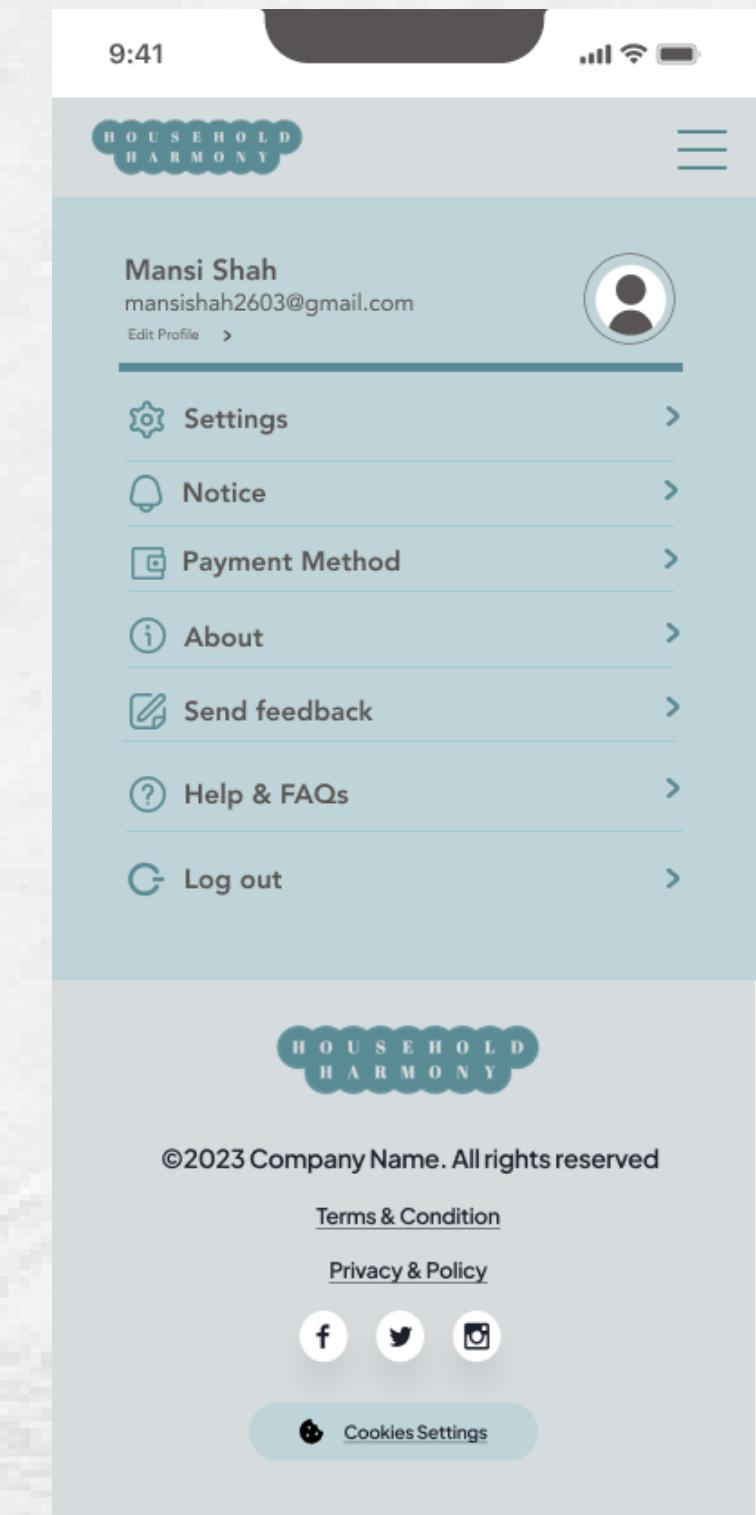
 [Get Link](#)

OR

Find Existing Users

 Email Address or Username

 INVITE



# SHAREDEN

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A platform for easily discoverable events that align with personal interests. Establish a sense of belonging and form a vibrant campus community. Improving mental health and make the most of out of your college experience. Build a network that goes beyond schooling.

## ShareDen

Search[Events](#)

**Welcome!**

Welcome to ShareDen where every moment is an opportunity for excitement! Discover a world of events, from lively concerts to captivating cultural gatherings.

**“Empower connections, foster community and enrich campus life.”**



THE PROBLEM

# Market Research

20%

**Of students attending Trafalgar are actively going to events**

There are about 25,000 active Sheridan students and 12,060 go to the Trafalgar campus. Why?

90%

**Of students express hardships in finding community events**

Campus events usually don't spread around and outside event information is dispersed across multiple pages on different platforms.



## INTRODUCTION

# Target Audience

Sheridan Community



A blue circle is connected by a black line to the top-left corner of the 'New Students' card.

**New Students**

- Club Meetups
- Student Resources
- Mentorship

A blue circle is connected by a black line to the top-left corner of the 'Current Students' card.

**Current Students**

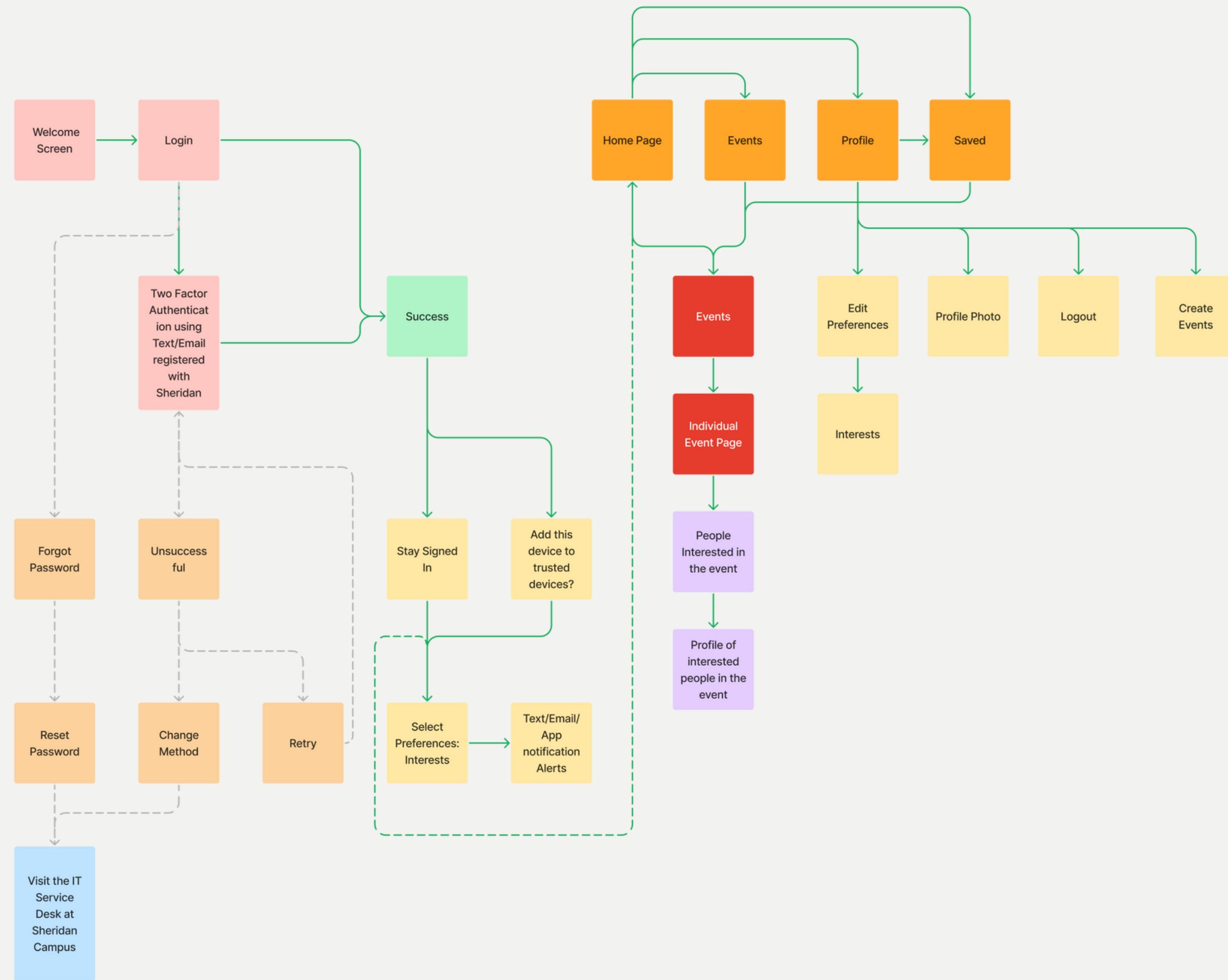
- Study Sessions
- Program Involvement
- Student Discount Sales

A blue circle is connected by a black line to the top-left corner of the 'Alumni' card.

**Alumni**

- Networking
- Alumni Job Meets
- Hobby Meets

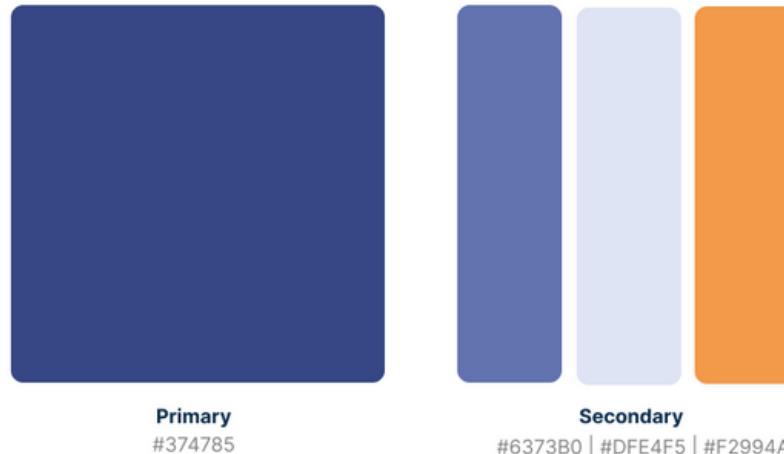
# User Flow



# Design Palette

## 01. Colors

### Brand Colors



### State Colors



### Black Colors



### Grey Colors



## 02. Typography

### Plus Jakarta Sans

Google Fonts

Name	Font size	Line Height
<b>Heading 1</b>	56 px	61.6 px
<b>Heading 2</b>	48 px	52.8 px
<b>Heading 3</b>	40 px	44 px
<b>Heading 4</b>	32 px	35.2 px
<b>Heading 5</b>	24 px	26.4 px
<b>Heading 6</b>	20 px	22 px

### Plus Jakarta Sans

Google Fonts

Name	Font size	Line Height
<b>Large Text Bold</b>	20 px	28 px
Large Text Regular		
<b>Medium Text Bold</b>	18 px	25.2 px
Medium Text Regular		
<b>Normal Text Bold</b>	16 px	22.4 px
Normal Text Regular		
<b>Small Text Bold</b>	14 px	19.6 px
Small Text Regular		

## 03. Iconography

### Icon sets



## 04. Textfields

Event Name

Enter text here...

## 05. Buttons

Example

Submit

Color

General Button  
Submit

Size

Small  
Submit

Full-width

Default  
Button Sample

Hover

Submit

Normal

Submit

Hover

Button Sample

Important Button

Submit

Active

Button Sample

Disable

Button Sample

## 06. Cards & Widgets



Halloween Party  
Date: 31 Oct, 2023 Time: 8:00pm



### Halloween Party

📍 Trafalgar Campus

🕒 31 Oct, 2023, 8:00pm

💲 Ticket Price: \$15 CAD

Get ready for a spooktacular night of thrills and chills at our annual Halloween Party! Enjoy bewitching music, delicious treats, and a dance floor that'll leave you howling with delight. Don't miss out on this wickedly fun event.

# WIREFRAME

## Profile

The profile page features a header with the ShareDen logo, a search bar, and navigation links for Home, Events, Saved, and Profile. A large "HEY SANCHITA!" section displays three upcoming events with placeholder images and event details. Below this are sections for "All Saved Events" and "Your Events", each showing a grid of event cards.

## Home Page

The home page includes a "WELCOME!" section with a brief introduction and a placeholder profile picture. It features a "Start Exploring Events" section with "Choose An Event" and "Save Your Event" buttons. Below this is a "Choose a category for more tailored results" section with a grid of placeholder categories like "Education". The page concludes with a "Recommended for you..." section displaying three event cards.

## Events

The events page lists recommended events such as "Halloween Party", "Fall Fest & Pumpkin Carving", and "Movie Night Under the Stars". Each event card includes a thumbnail, title, location, date, time, ticket price, and a "Sort Filters" section. The page also features a "Take a look at events that you might be interested in..." header and a "Recommended for you..." section at the bottom.

# WIREFRAME

## ShareDen

Search events....

Home Events Saved Profile

### CREATE EVENT

If you would like to submit your own event to be featured on our platform, we welcome your participation! To ensure the quality and relevance of events for all our users, we have a submission process in place.

Submit this form and we will get in touch with you!

Name:  Date:

Affiliation:  Time:

Category:  Location:

Description:

UI Meetup welcomes students of all levels. Whether you're a beginner eager to explore the world of user interface design or an experienced professional looking to network and stay up-to-date with the latest trends. Contact sherichang@sheridancollege.ca if you have questions!

800 characters

Upload Photo:

Drop files here, or click below!  
  
You can upload files up to a maximum of 200MB.

Submit

ShareDen  
©2022 Company Name. All rights reserved  
A platform to empower connections, foster community, and enrich campus life.  
[Privacy & Policy](#) [Terms & Condition](#)

## ShareDen

Search events....

Home Events Saved Profile

### Halloween Party



Location, Date, Time  
Ticket Price:\$

Get ready for a spooktacular night of thrills and chills at our annual Halloween Party! Enjoy bewitching music, delicious treats, and a dance floor that'll leave you howling with delight. Don't miss out on this wickedly fun event. Dress up in your most creative costumes and compete for the title of 'Best Costume' with some fang-tastic prizes up for grabs. Enjoy bewitching music, delicious treats, and a dance floor that'll leave you howling with delight. Don't miss out on this wickedly fun event – it's sure to be a scream! You can register for the event here [www.abcdefg.ca](http://www.abcdefg.ca).

Other people interested in this event

More like this...

Event Name Date:xxxxx Time:xxxxx

Event Name Date:xxxxx Time:xxxxx

Event Name Date:xxxxx Time:xxxxx

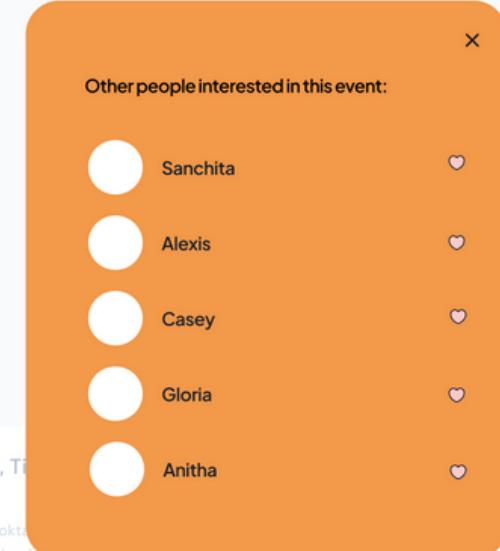
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## ShareDen

Search events....

Home Events Saved Profile

### Halloween Party



Other people interested in this event:

Sanchita   
Alexis   
Casey   
Gloria   
Anitha

Location, Date, Time  
Ticket Price:\$

Get ready for a spooktacular night of thrills and chills at our annual Halloween Party! Enjoy bewitching music, delicious treats, and a dance floor that'll leave you howling with delight. Don't miss out on this wickedly fun event. Dress up in your most creative costumes and compete for the title of 'Best Costume' with some fang-tastic prizes up for grabs. Enjoy bewitching music, delicious treats, and a dance floor that'll leave you howling with delight. Don't miss out on this wickedly fun event – it's sure to be a scream! You can register for the event here [www.abcdefg.ca](http://www.abcdefg.ca).

Other people interested in this event

More like this...

Event Name Date:xxxxx Time:xxxxx

Event Name Date:xxxxx Time:xxxxx

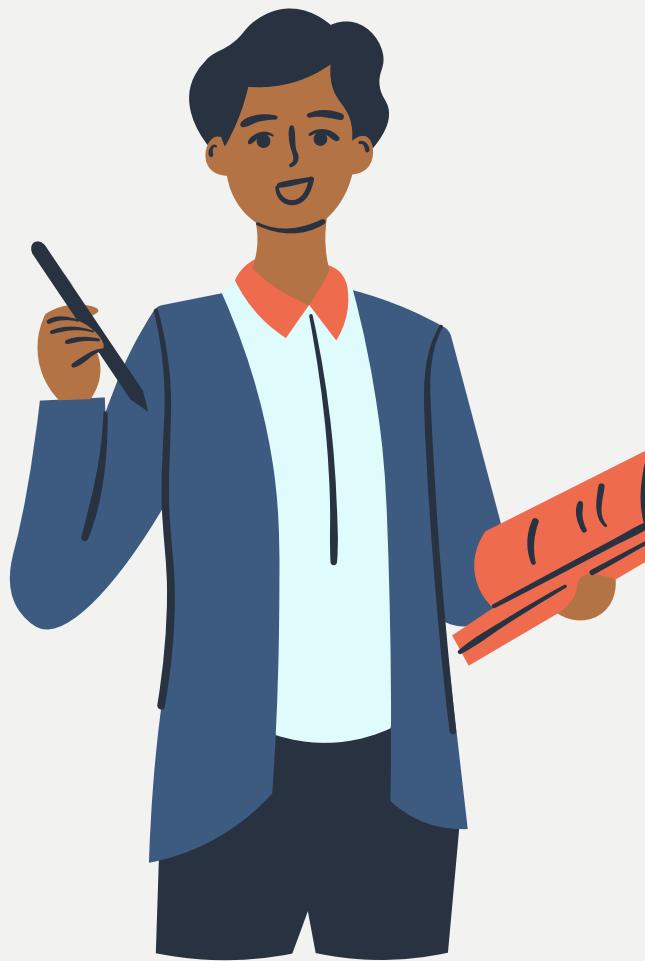
Event Name Date:xxxxx Time:xxxxx

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## DEMONSTRATION

# Key Features

We have a brief tutorial and customized events straight on the home page



# ShareDen

Search[Events](#) [Sign Up](#) [Login](#)

## Start Exploring Events

Connecting with new faces and exploring exciting events has never been more effortless.



### Choose an Event

Enrich your campus experience through a variety of engaging events.



### Save your Event

Add the event to your saved list and receive notifications when the event is about to begin. Stay in the loop, stay engaged!

## Category for more tailored events

Discover the most popular events and easily filter through them to find the ones that align with your interests. Your ideal event is just a search away. Start exploring now!



Education



Health



Music



Dance



Art

## Recommended for you



Travis Scott Concert

Date: May 15, 2024 Time: 4:00 PM



Spring Music Festival

Date: June 8, 2024 Time: 9:00 AM



Tech Innovators Summit

Date: July 5, 2024 Time: 7:00 PM

Pictures and names are the focus to help users navigate to the page they are interested in quickly and easily.

# ShareDen

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A platform to empower connections, foster community, and enrich campus life.



# Community Growth

We aim to grow by building larger communities throughout Canada as a safe space for student events and community involvement.

**ShareDen**

Search

Events

Sign Up

Login

Search Results:

Date & Time: 2023-11-30 12:37:00

Hot Dogs in the Park

Category: Food

Date: 0000-00-00 Time: 00:00:00



Date & Time: 2023-12-09 18:14:00

Cultural Food Festival

Category: Food

Date: 0000-00-00 Time: 00:00:00



GLORIA CAO

2023-2024

THANK YOU!