

Usability Guide - V0

Rice Management System Design Sprint

Conducted by: Nguyen Chi Thao

Date: August 10, 2024



Setup

- ☐ **Discussion Guide** Printed or a New File is Copied
- ☐ Known Respondent Information is Filled In
- ☐ Prototype is Open and Running

In-Person Sessions

- ☐ Activities are Printed and Ready
- ☐ Respondent Post-It Card Created (with respondent ID, Date, Location, etc.)
- ☐ Recording Devices are Running
- ☐ If Remote Viewers: Link Shared with the Team

Remote Sessions

- ☐ Session Link Created and Shared with the Respondent
- ☐ Recording Button is Clicked and Running
- ☐ If Remote Viewers: Link Shared with the Team
- ☐ Screen Sharing is Activated and Mouse Control is Granted

Introduction Script

Thank you for taking the time to speak with us today. We're developing a new Rice Management System aimed at helping farmers and distributors efficiently manage rice production and sales. This phase of research is to explore and validate our approach to what this system should look like.

During this session, we'll ask a few open-ended questions and then walk you through some early prototypes.

Everything you share will be kept strictly anonymous and confidential.

There are no right or wrong answers to our questions! We want to understand how you interpret and understand our designs. Please talk out loud as much as possible about what's on your mind during these tasks. Try to be as honest as possible, I promise, you won't hurt our feelings.

{If recording: We'll be recording video, audio, and notes for my own memory and to share with my team, but everything you say is strictly confidential and all data will be securely encrypted. We might share anonymized quotes or aggregate statistics from these sessions as we develop the system. We'll never link this data back to your name publicly. Does this make sense and are you okay with it?}

[If offering incentive: You'll receive a [\$__ gift card, cash, discount] at the end of this session. [If gift card: We'll email the gift card to _____.] Is this okay?

Any questions before we start?

Opening Ethnography

Experience with Rice Management

- **How do you currently manage your rice inventory?**
 - Are you using any software tools?
 - If not, how do you keep track of inventory?
- **What are the biggest challenges you face in managing rice production?**
 - Are there any specific pain points you experience regularly?
- **Can you describe the last time you had to fulfill a large order?**
 - What steps did you take?
 - How did you ensure accuracy and timeliness?
- **How do you currently manage your sales?**
 - Do you track sales manually or use any tools?
 - How do you handle payments and invoices?

Usability Tasks

@TODO Create your task flow note guide using the following template as a guide.

Section	Task Point	Notes	Pass/Fail
Field Entry	Access Field Data Section	The user was able to locate and access the field data section without any difficulty.	pass
Harvest Tracking	Log Harvest Data	The user logged harvest data successfully, but there was some confusion regarding the input units.	needs improvement
Inventory Management	Update Inventory After Harvest	The user updated the inventory based on the latest harvest but missed some input fields.	needs improvement
Order Processing	Place New Order	The user placed a new order, but required assistance for understanding product codes.	FAIL
Sales Tracking	Review Sales Performance	The user reviewed sales performance but found the charts hard to interpret.	FAIL
Invoice Management	Generate and Send Invoice	The user generated and sent an invoice seamlessly and understood all the steps.	pass

Wrap Up

- Have I covered everything you expected in this session?
- Do you have any additional questions or suggestions for us?

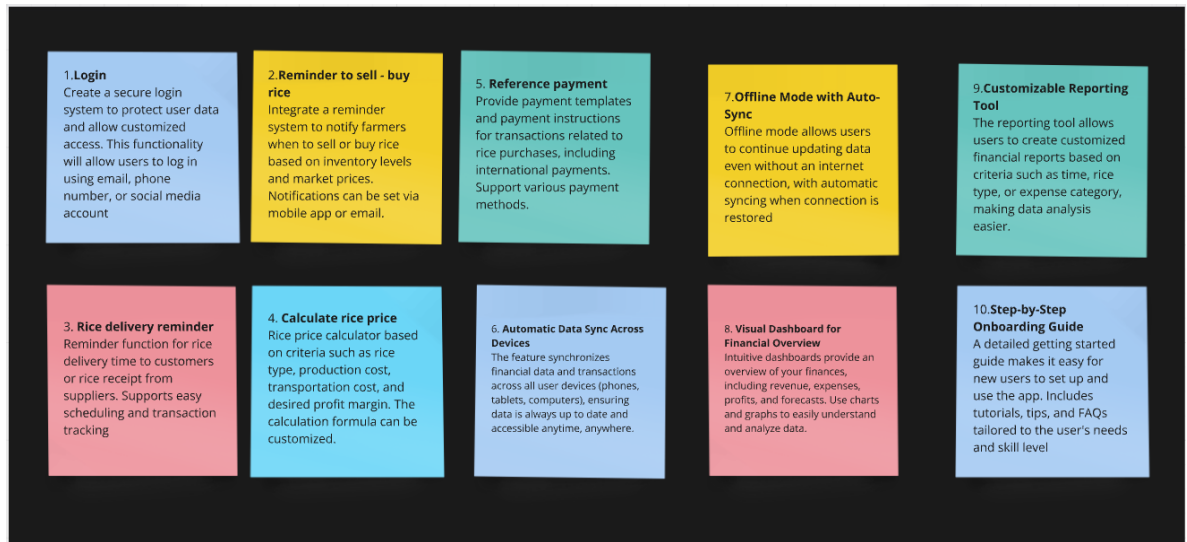
Thank you so much for taking the time to participate in this research session. Your insights are incredibly valuable, and they will help us refine and improve the Rice Management System to better meet the needs of users like you. Your feedback today will contribute directly to making the system more effective and user-friendly for managing all aspects of rice production and sales.

If we continue to develop and iterate on this prototype, would it be okay for us to reach out to you for further input in the future?

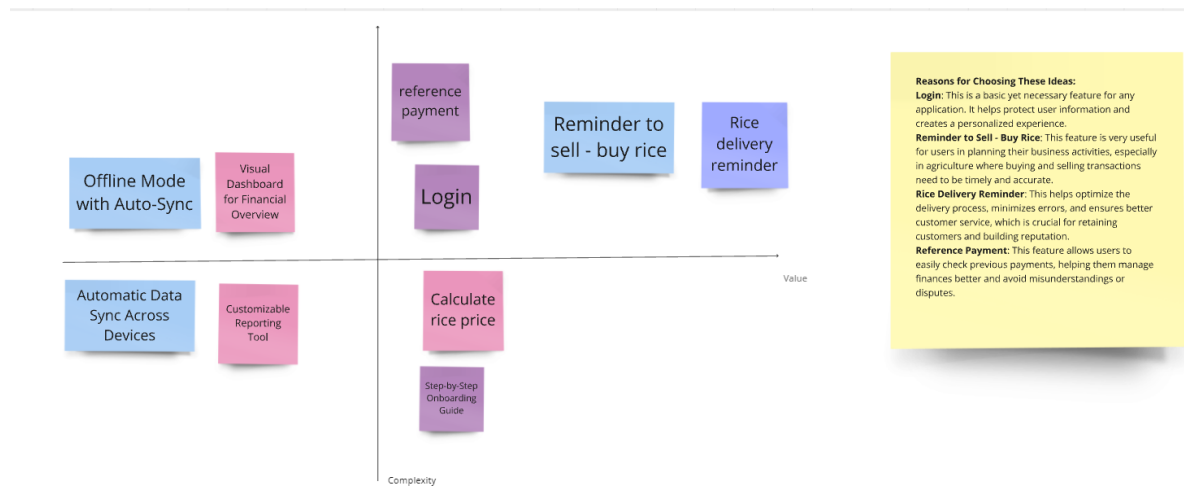
Course 2 User Flows

I have saved my Exercise 2 content above.

Feature Ideation



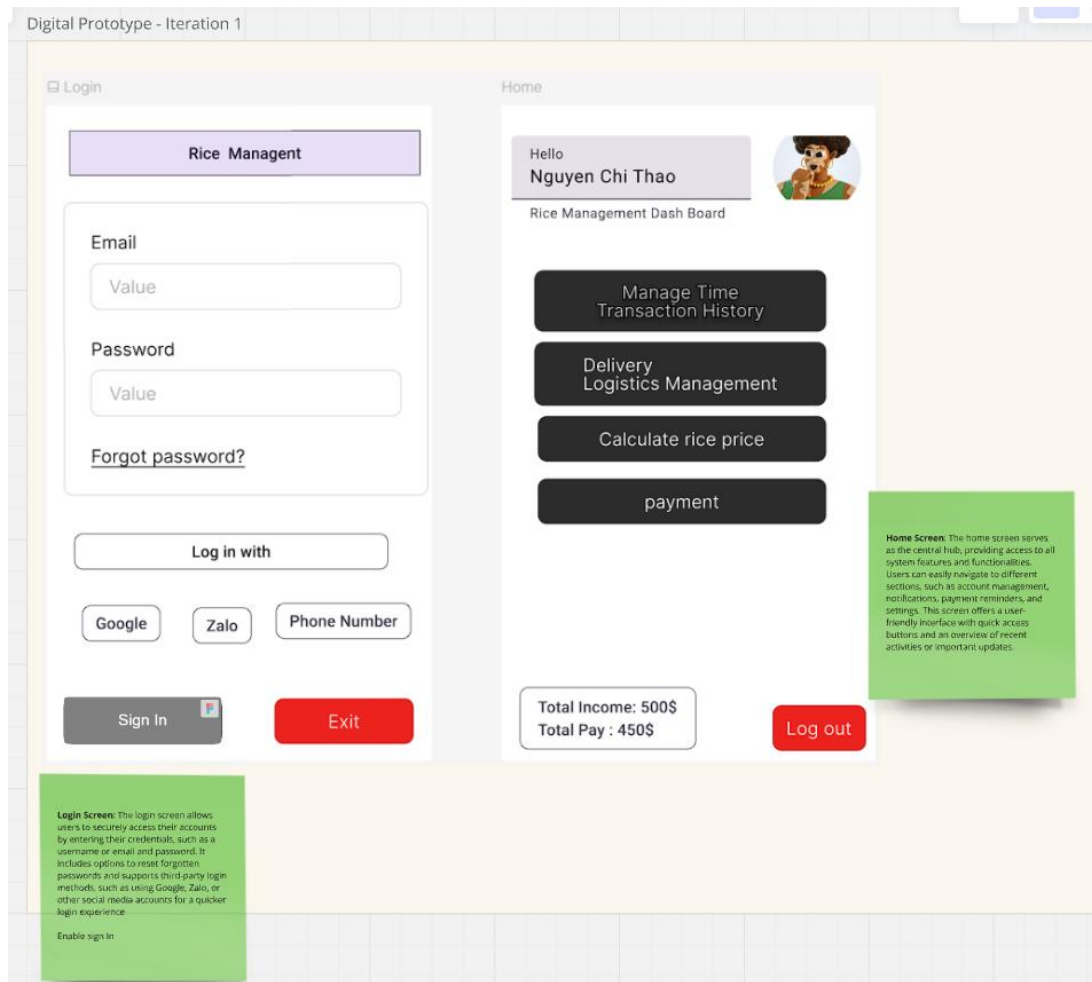
Prioritization



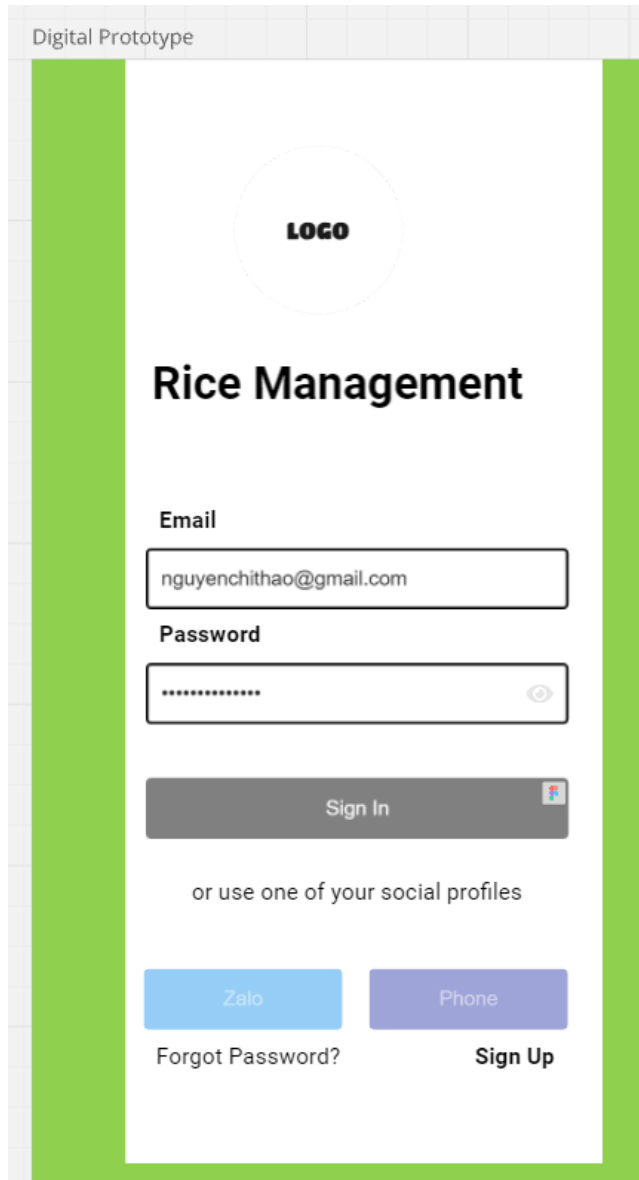
Paper Sketches - Iteration 1



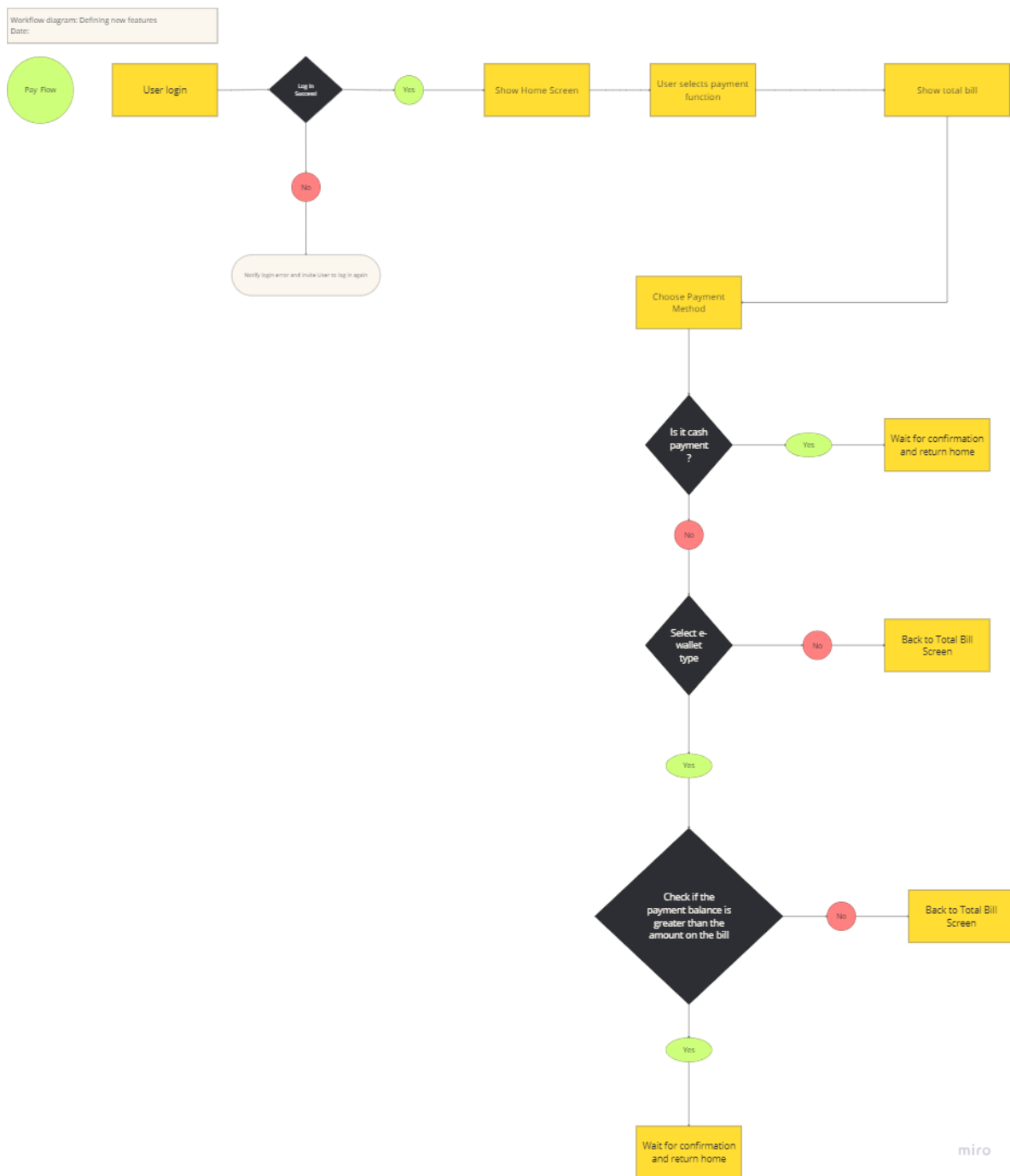
Digital Prototype - Iteration 1



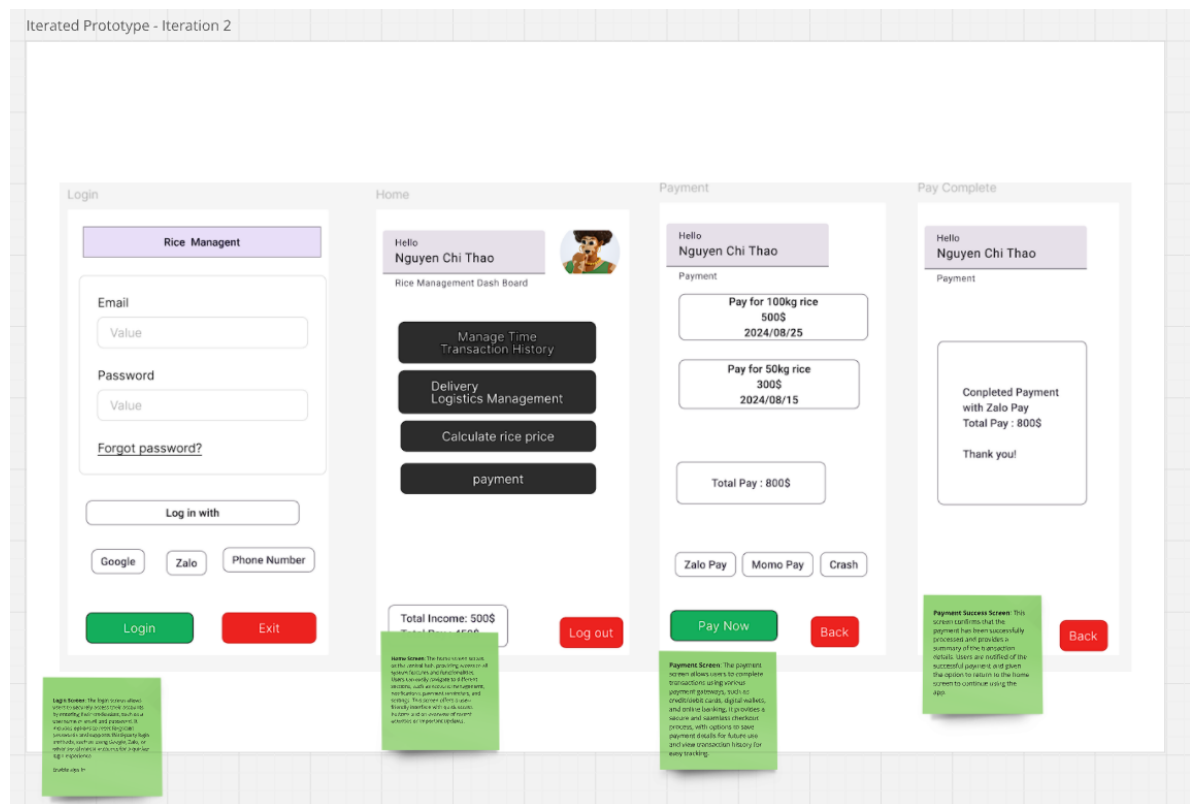
Digital Prototype



Flow apps



Iterated Prototype - Iteration 2



UI Design Basic.

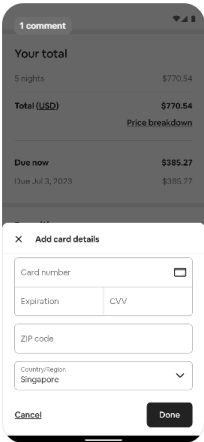
Visual Design Inspiration Library

All saved

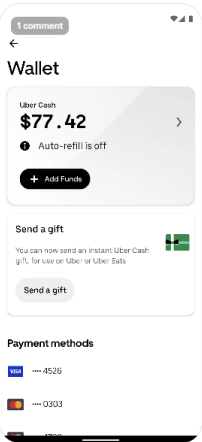
Screens Flows



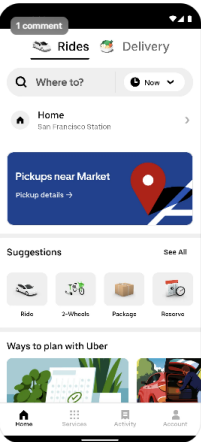
Wise



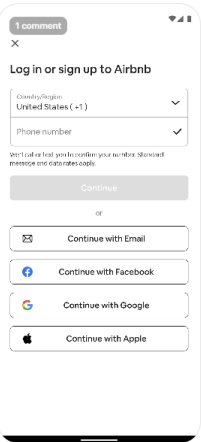
Airbnb



Uber



Uber



Airbnb

12:00



Log in or sign up to Airbnb

Country/Region United States (+1)	▼
Phone number	✓

We'll call or text you to confirm your number. Standard message and data rates apply.

Continue

or



Continue with Email



Continue with Facebook



Continue with Google



Continue with Apple



Airbnb

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Mobbin



Rides



Delivery



Where to?



Now



Home

San Francisco Station



Pickups near Market

Pickup details →



Suggestions

See All



Ride



2-Wheels



Package



Reserve

Ways to plan with Uber



Home



Services



Activity



Account

Uber

Uber

curated by



Mobbin

12:00





Wallet

Uber Cash

\$77.42



 Auto-refill is off

 Add Funds

Send a gift

You can now send an instant Uber Cash gift, for use on Uber or Uber Eats



Send a gift

Payment methods



.... 4526



.... 0303



.... 4700

 Uber

curated by  Mobbin

12:00



Your total

5 nights \$770.54

Total (USD) \$770.54

Price breakdown

Due now \$385.27

Due Jul 3, 2023 \$385.27

✕ Add card details

Card number



Expiration

CVV

ZIP code

Country/Region

Singapore



Cancel

Done



Airbnb

curated by



Mobbin

3:02



Done!

Your money's already there. So go and enjoy the rest of your day.



Got it

Invite and earn S\$100




curated by  Mobbin

Style Guide

Style Guide_1

Style Guide

Colors



Typography

Headings

heading1 (60)

heading 2 (40)

heading 3 (24)

heading 4 (18)

Body Text

Large Text (16)

medium Text (14)

CAPTION (16)

Normal Text (12)

Small Text (9)

Large Text bold (16)

medium Text bold (14)

CAPTION BOLD(16)

Normal Text bold (12)

Small Text bold (9)

Styles

Styles bold

Style italic

Style regular

Style bold italic

Style light italic

Note:

These styles apply to the PJ Enterprise Custom Gift app design and should be consistently followed throughout the design process.

Do's:

Use thumbnail images that fit well within card layouts.

Don'ts:









Do not use icons to represent functions or actions other than what they are intended for. For example, do not use a forward arrow to indicate a backward action.

Do not use paid design templates.













Style Guide 2

Style Guide

Imagery



Icons



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Don'ts:

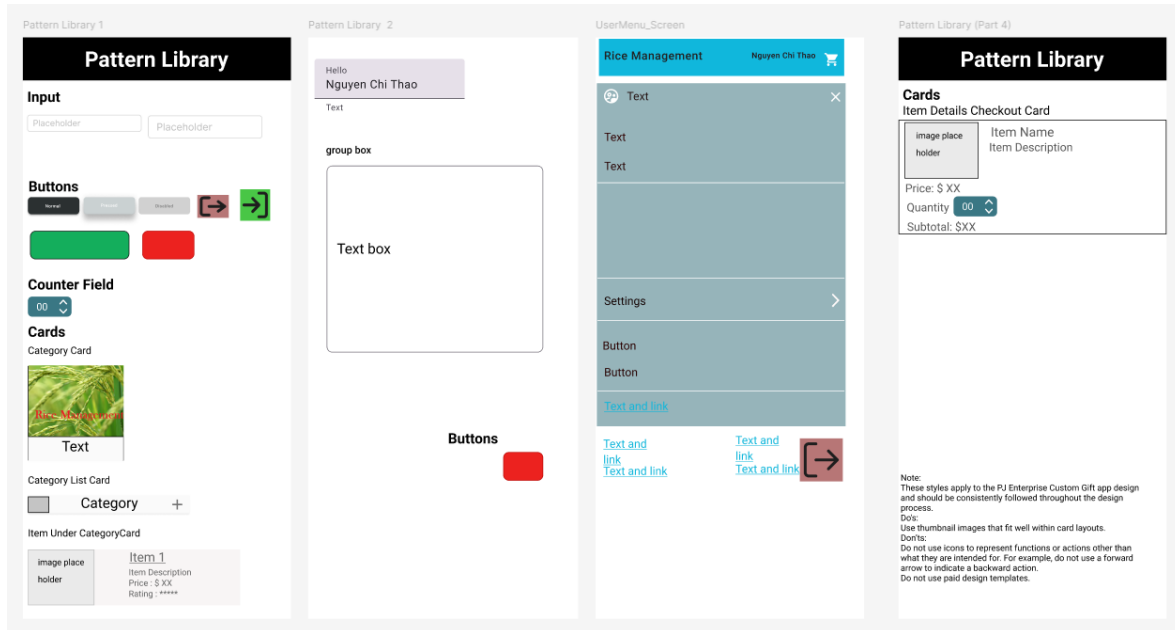
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Pattern Library

Figma Pattern Lib:

https://www.figma.com/design/kwHeVGIBITrk8JlrLApFLm/C3_MidTerm_Project_Rice_management?node-id=0-1&t=3md8ZNB256JlrKZ5-1



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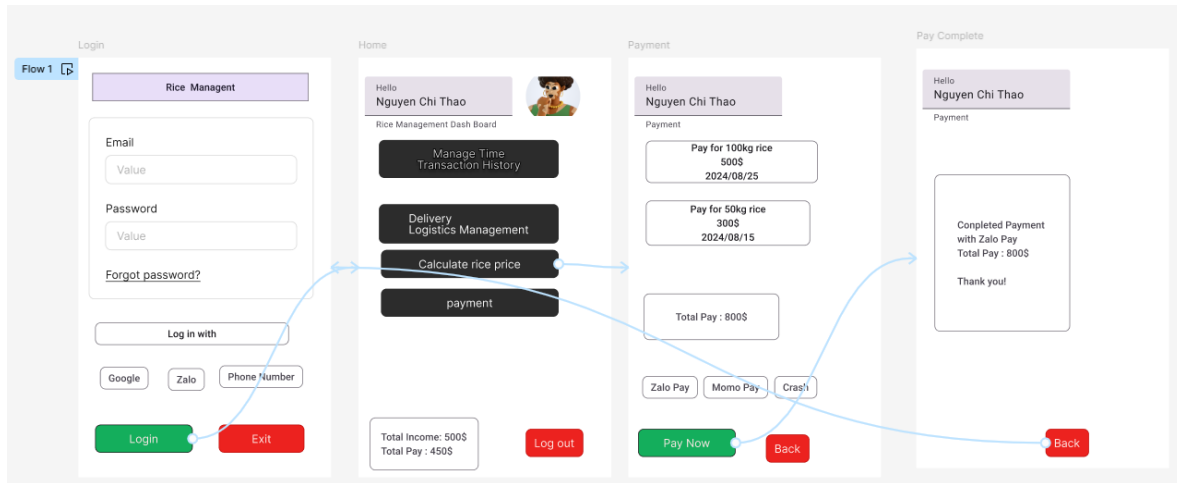
Don'ts:

Do not use icons to represent functions or actions other than what they are intended for. For example, do not use a forward arrow to indicate a backward action.

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High-fidelity Mockups

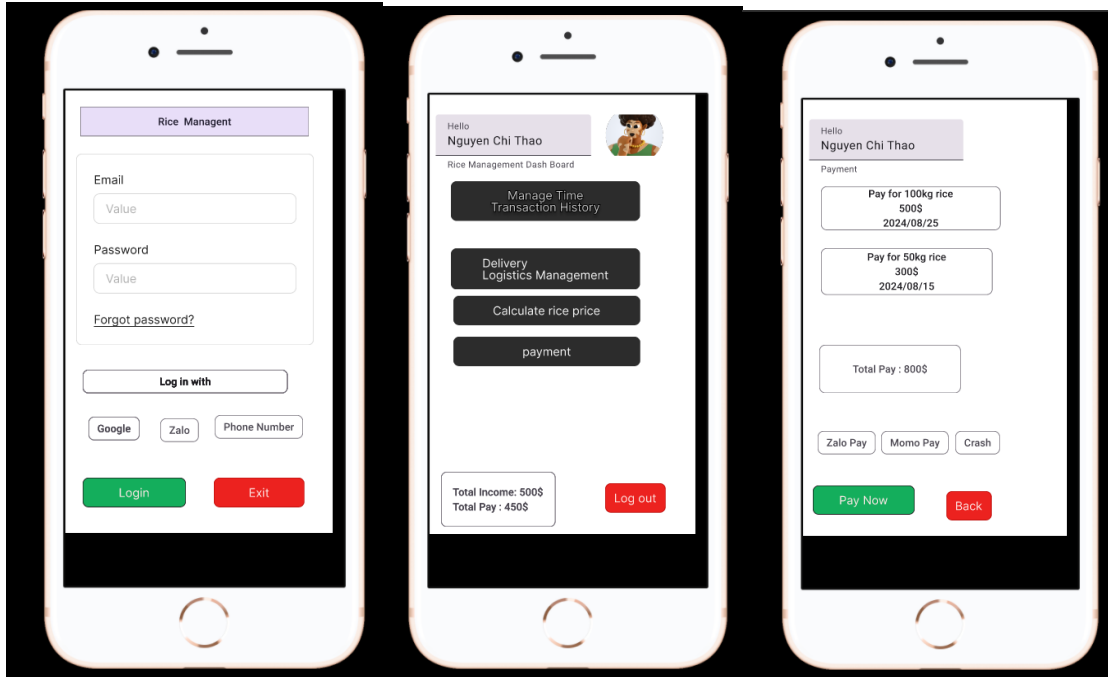
Flow 1: Login success

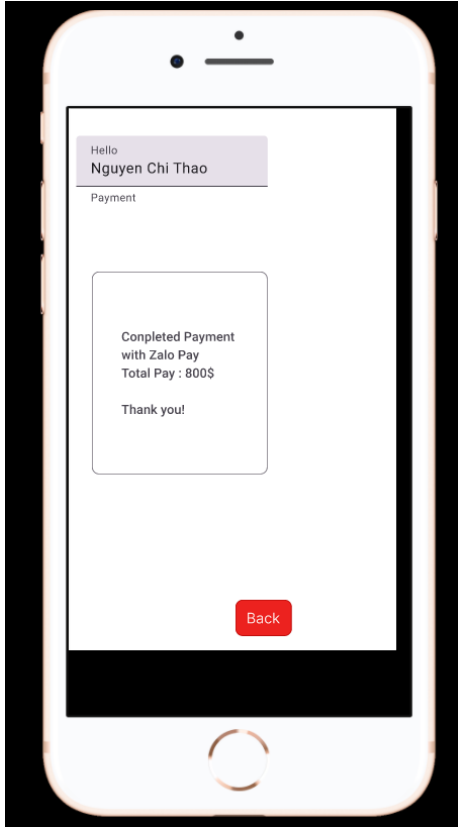


Figma:

https://www.figma.com/proto/kwHeVGIBITrk8jlrLApFLm/C3_MidTerm_Project_Rice_managerment?node-id=8-1384&node-type=CANVAS&t=3md8ZNB256JlrKZ5-0&scaling=scale-down&content-scaling=fixed&page-id=0%3A1&starting-point-node-id=8%3A1384

iPhone 8





Couser 2 Flow:

<https://www.figma.com/design/OJF6DYEeJCpGMpjPgLuirH/Iterated-Prototype---Iteration-2?node-id=3957-2885&t=F9EQxqVKm4INsAe8-1>

Project: Final: Create & Improve a High-Fidelity Design

Link to Midterm Review

- PDF

- Figma:

https://www.figma.com/proto/kwHeVGIBITrk8jlrLApFLm/C3_MidTerm_Project_Rice_managerment?t=bdwJvPMjzcfHt09o-0&scaling=scale-down&content-scaling=fixed&page-id=0%3A1&node-id=8-1384&starting-point-node-id=8%3A1384

Accessibility

- Figma:

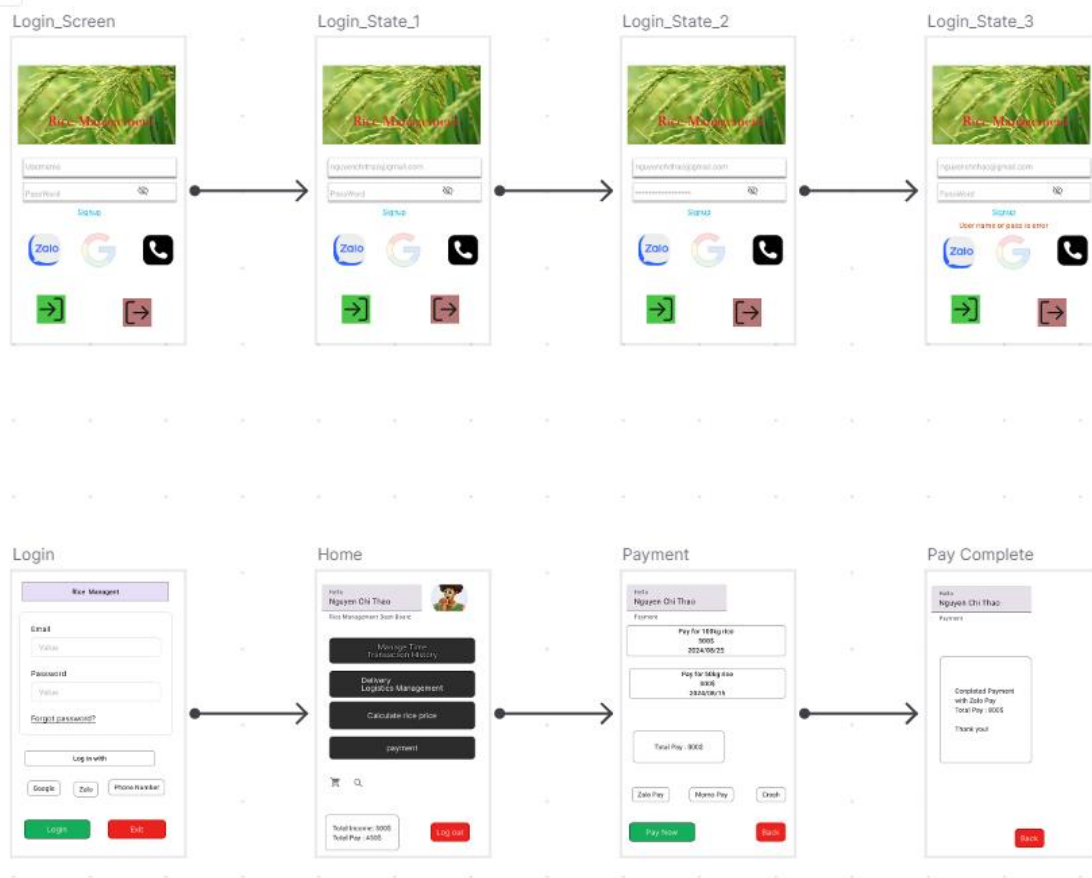
https://www.figma.com/proto/kwHeVGIBITrk8jlrLApFLm/C3_MidTerm_Project_Rice_managerment?t=bdwJvPMjzcfHt09o-0&scaling=scale-down&content-scaling=fixed&page-id=0%3A1&node-id=8-1384&starting-point-node-id=8%3A1384

Accessibility - Design Performance - Preparing for Handoff

Figma all

link :https://www.figma.com/design/1RU0f9hi2Q38H7qssKeaa3/C3_Final_Project_Rice_managerment?node-id=2003-1607&t=AfL4zSJrAUUn6jgn0-1

Zeplin Flow



Link Reference

<https://scene.zeplin.io/project/66d18e40e19c248144ab4f36>