

MY PORTFOLIO

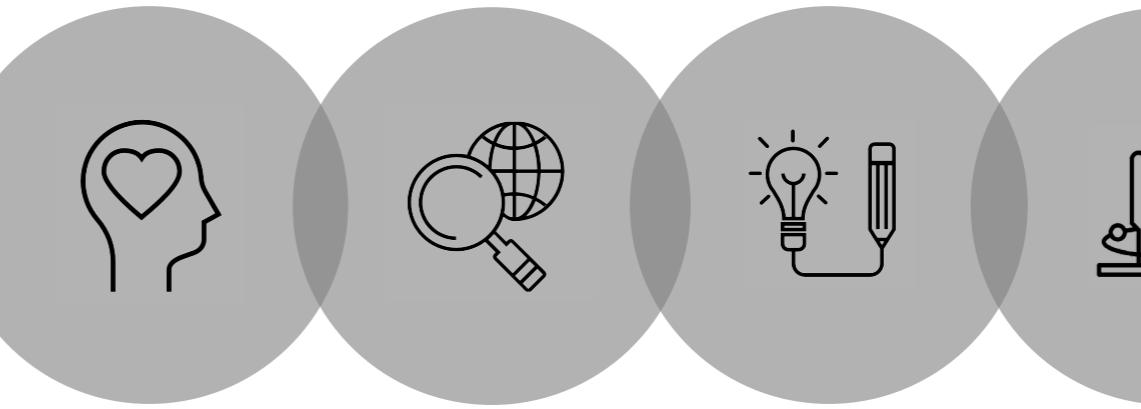
TIANYUE YI



TIANYUE YI

Age: 21
Home: Shenzhen, China
Edu: Beijing University of Chemical Technology
Major: Industrial Design

Value
Sustainability
Well-being
Equality



EMPATHIZE

IDEATE

DEFINE

PROTOTYPE

ABOUT ME

DESIGN METHODOLOGY



The Intro : Ritual Recovery

The purpose of this product is combining Chinese lantern ritual to our daily life. Not only can people interact with it in the daily basis, but evoke their emotions towards the aesthetic original meaning of lantern; that is, a new start.



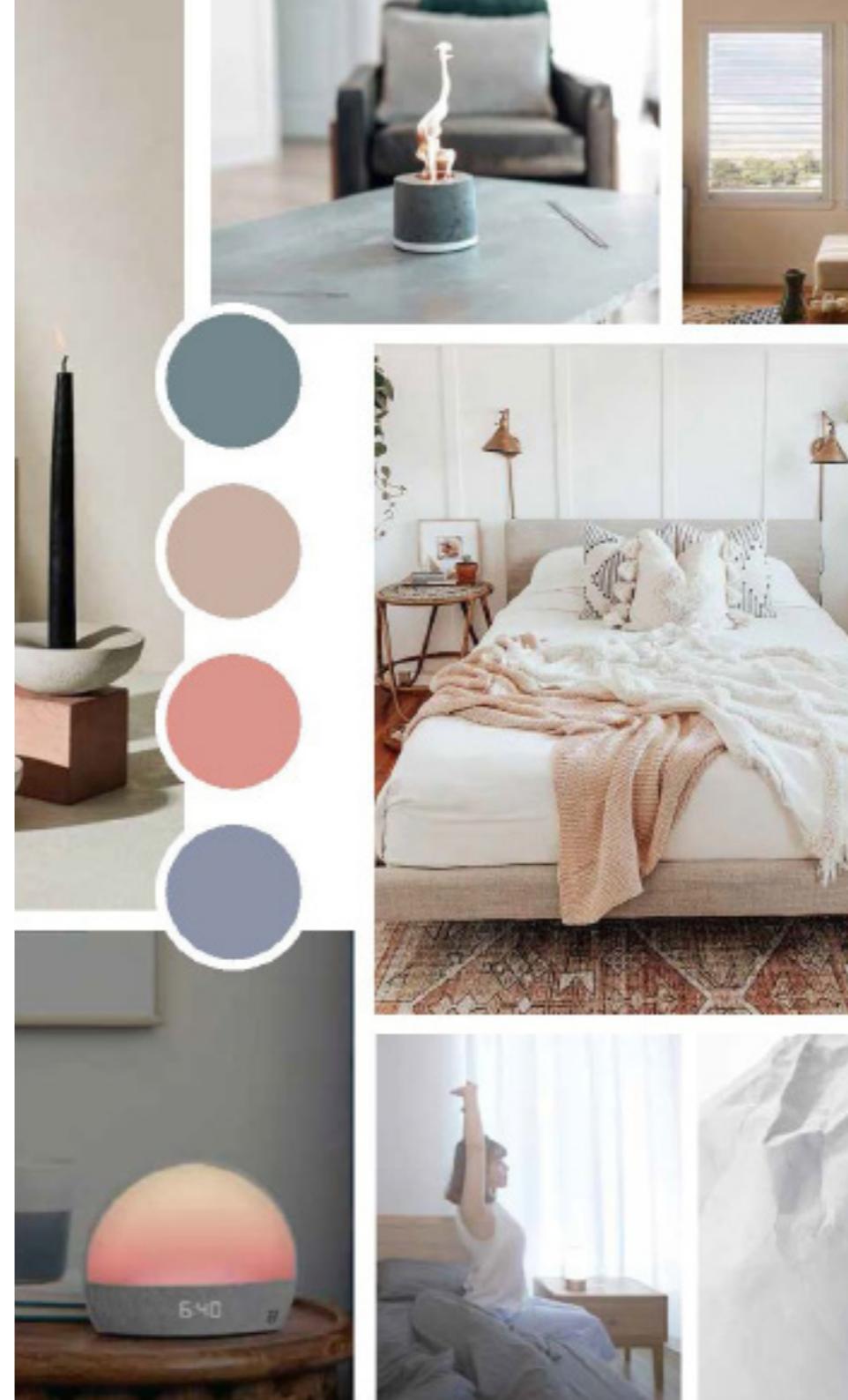
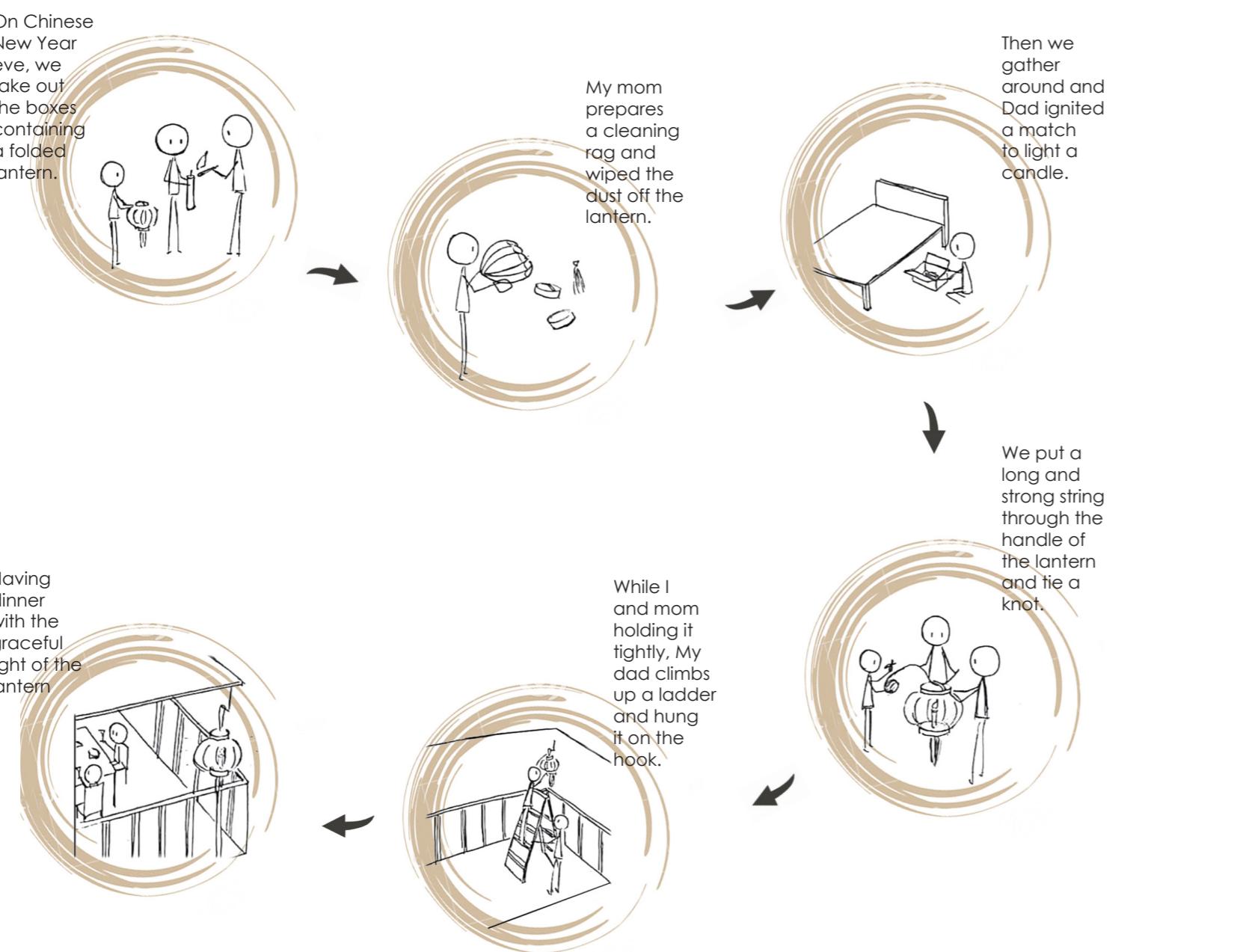
PLANTERN

Making to-do lists is a way to start a new day. We are inspired by the meaning and the gestures of using lanterns in every Chinese New Year. Hanging note paper on the shelf and rotating bring pleasing effects to people and add colors to everyday routine.

EMPHATIZE

Storyboard

01

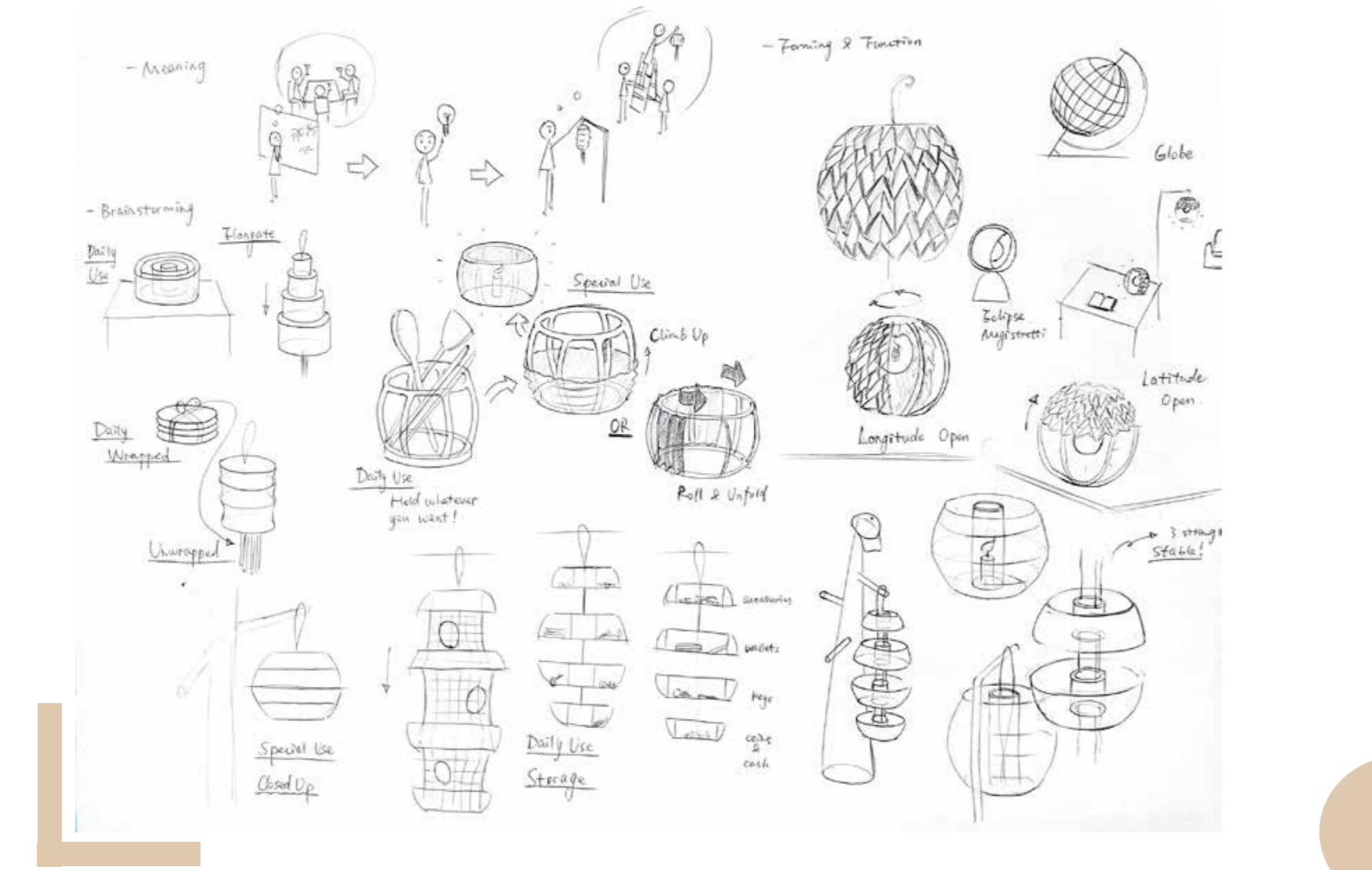


EMPHATIZE

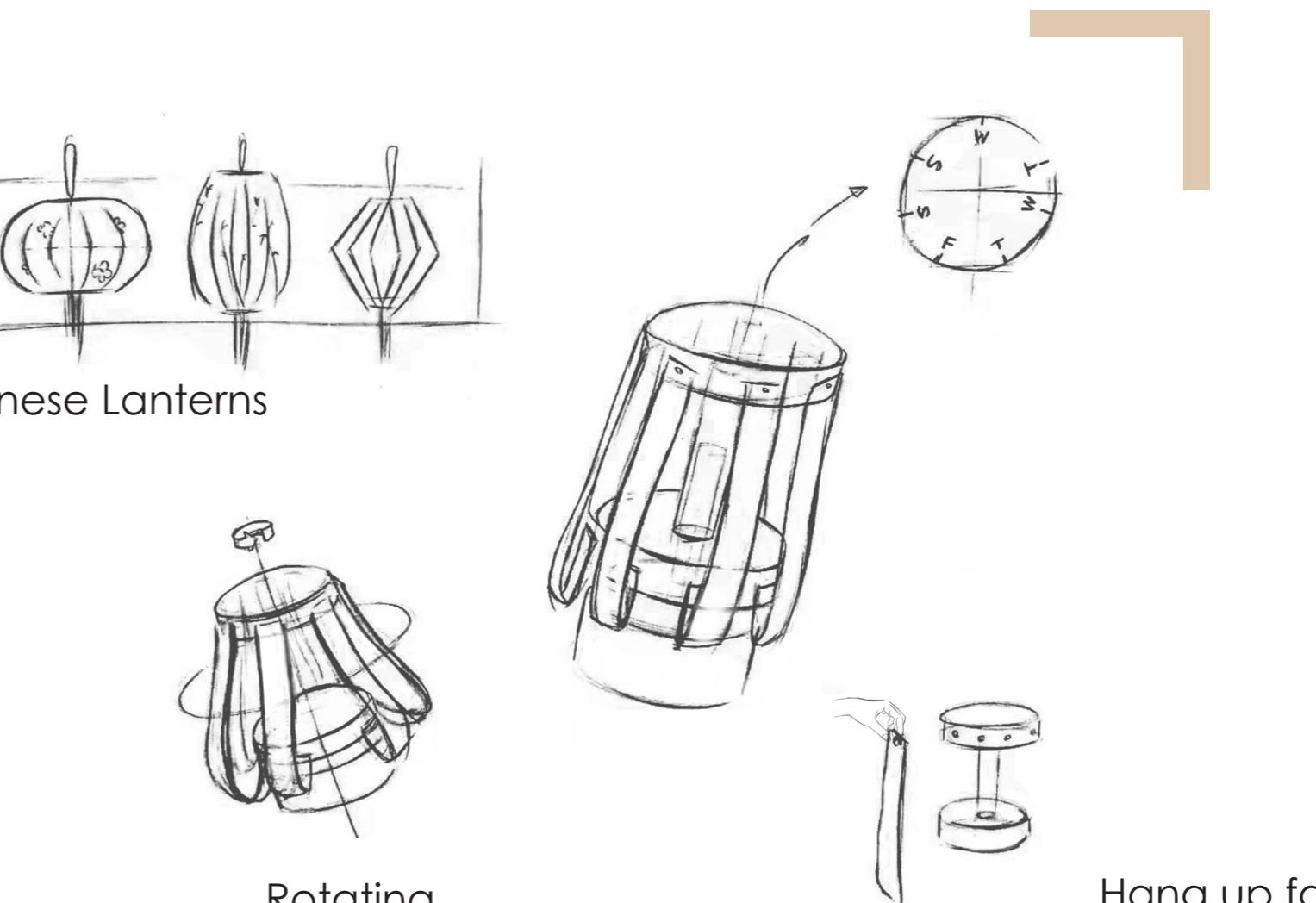
Moodboard

02

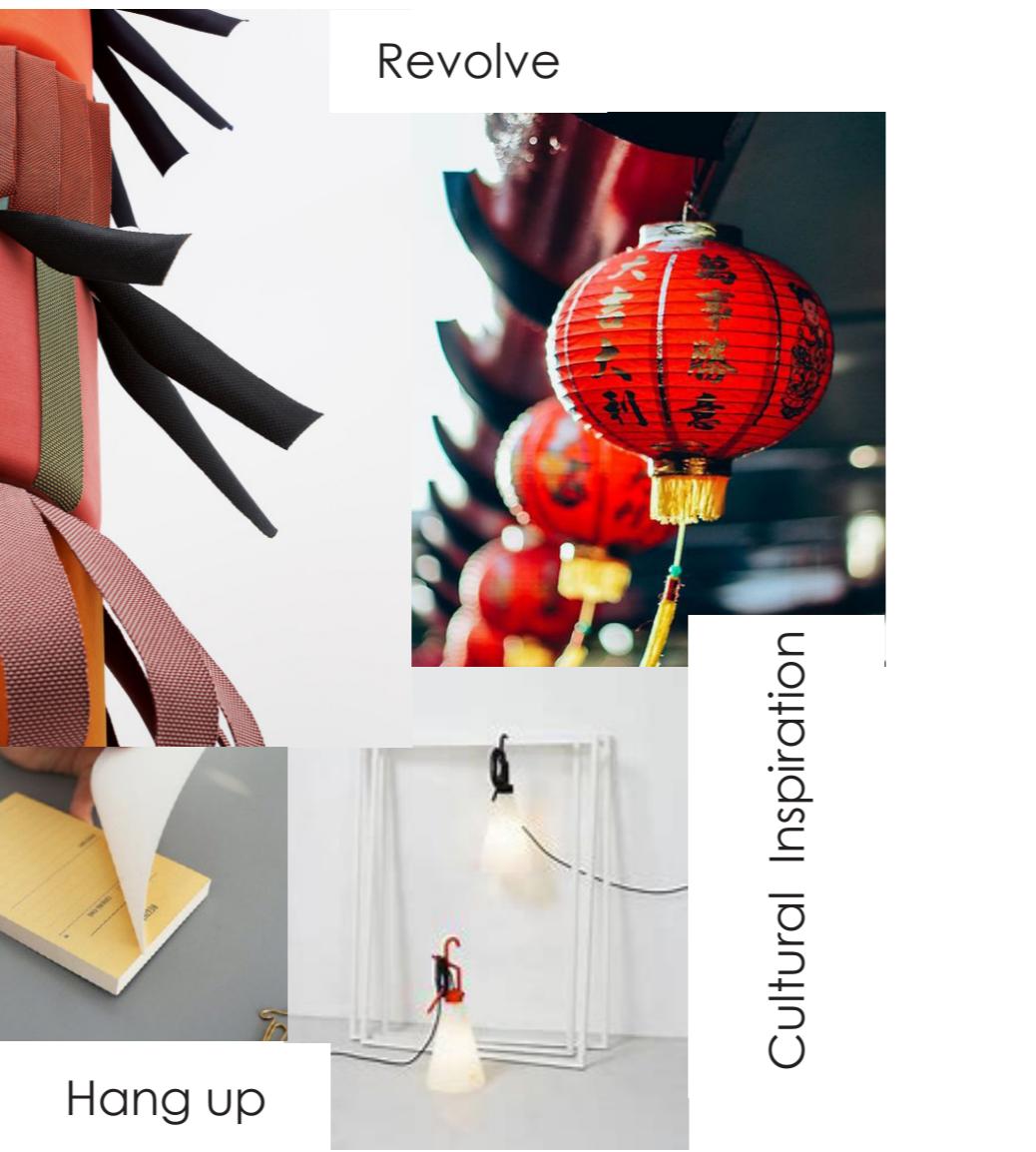
Sketch



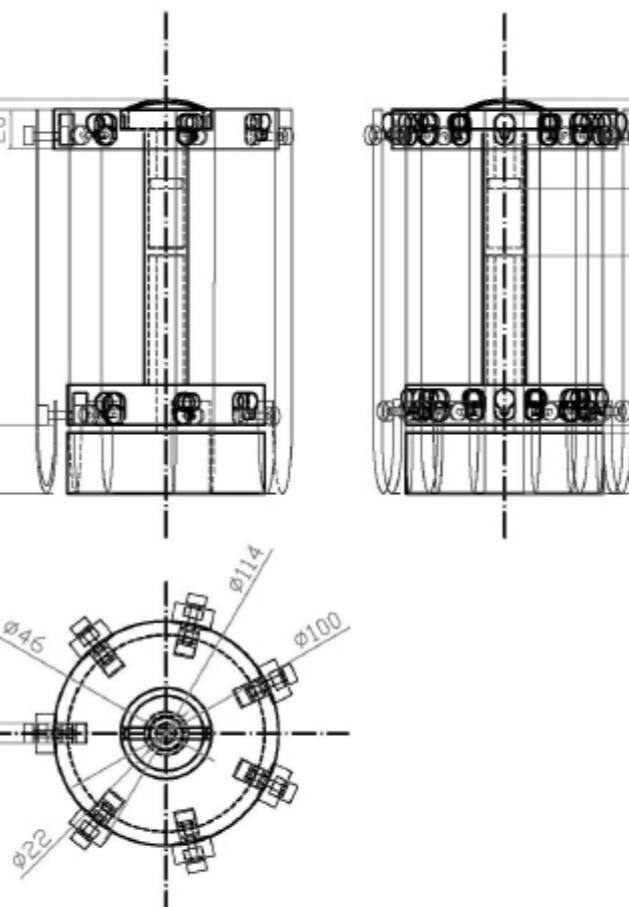
Sket



References



PRODUCED BY AN AUTODESK STUDENT VERSION



PRODUCED BY AN AUTODESK STUDENT VERSION



Technical Drawing

DEFINE

07

Details & Usage



Lift it
and
move it

Hang and
collect the
note paper

Two distinctive shapes in
different uses



Images of Model

08

PROTOTYPE



The Intro: Baby Product

Not only can the canopy add colors to kids' dull "sitting around" routine, but help parents learn about what their kids is doing inside the stroller simultaneously.



RIPPLE CANOPY

Making to-do lists is a way to start a new day. We are inspired by the meaning and the gestures of using lanterns in every Chinese New Year. Hanging note paper on the shelf and rotating bring pleasing effects to people and add colors to everyday routine.

EMPHATIZE

01

Previous Study



Full Size Stroller



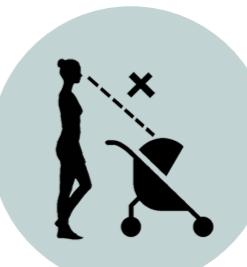
Double Stroller



Jogging Stroller

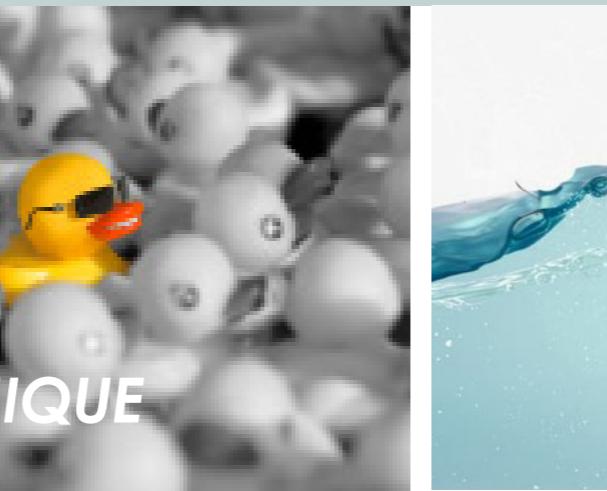
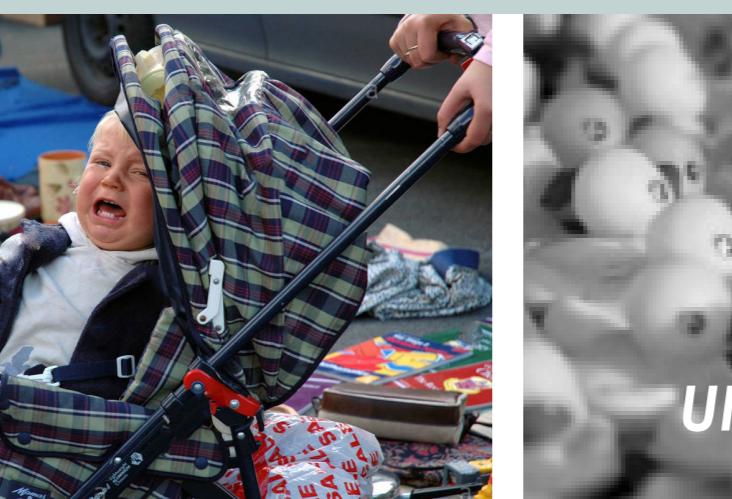


Modular Stroller

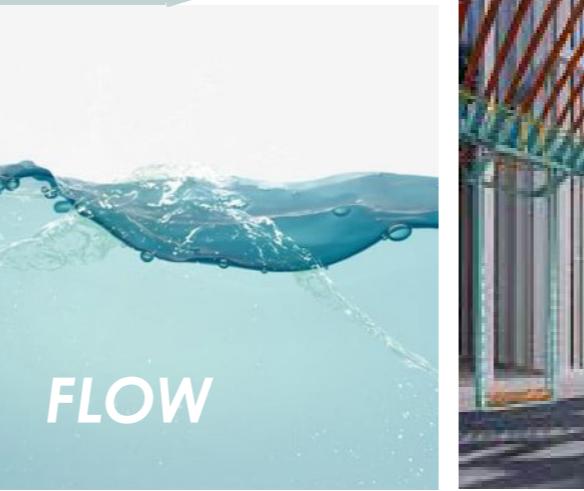


No matter which kinds of stroller it is, it is hard to juggle paying attention on situation around with babies inside, while parents are pushing strollers.

With a stiff canopy, parents will usually overlook what toddlers are doing under it.



UNIQUE



FLOW



INTERACTION



JOY

Opportunity: Make the stroller canopy connect parents and their kids well.

The toys draw kids' attention and if they reaction can be visualized through the vivid "flowing wave" changes of canopy.

EMPHATIZE

03

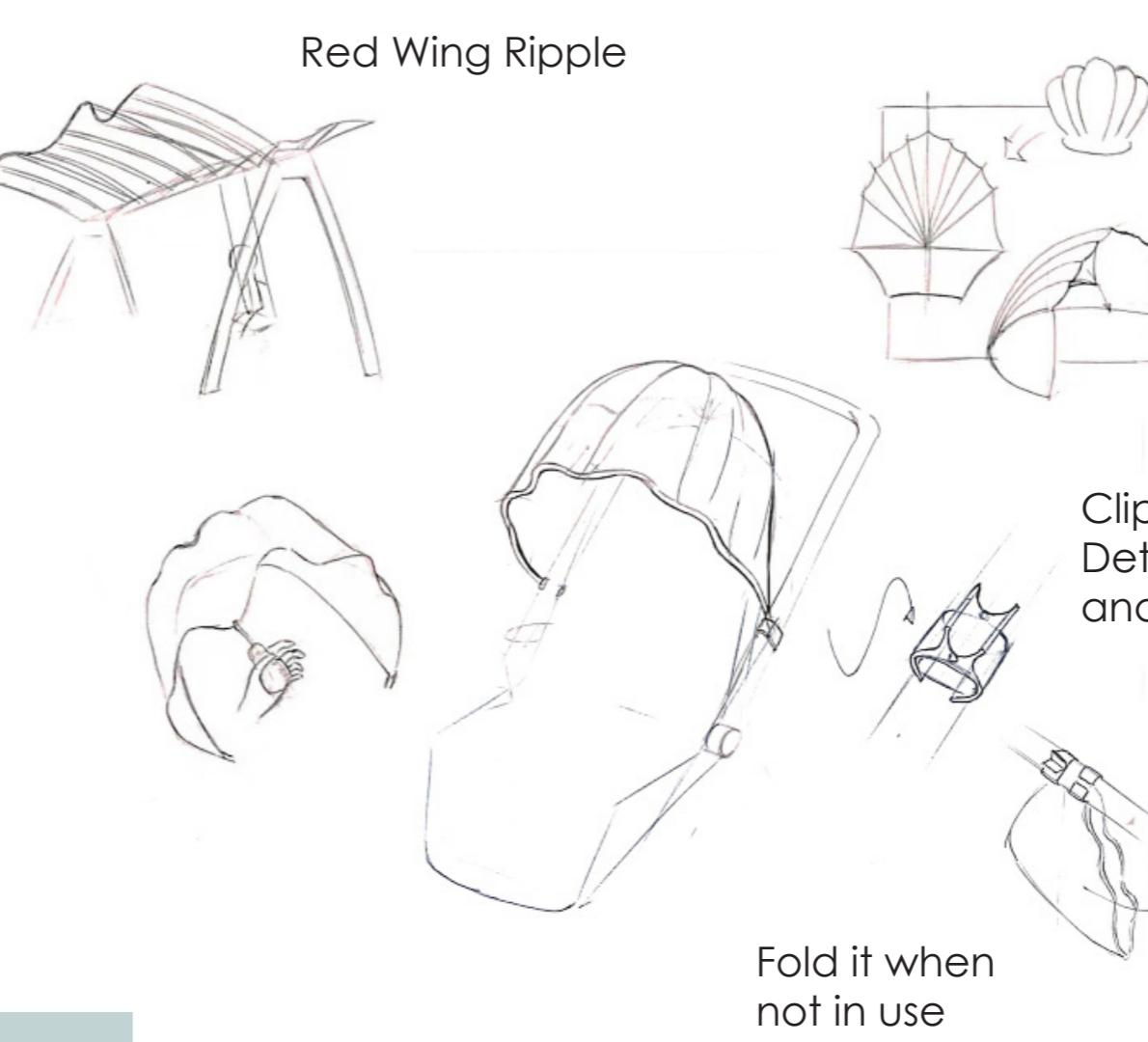
Collage



04

Sketch

IDEATE



Red Wing Ripple

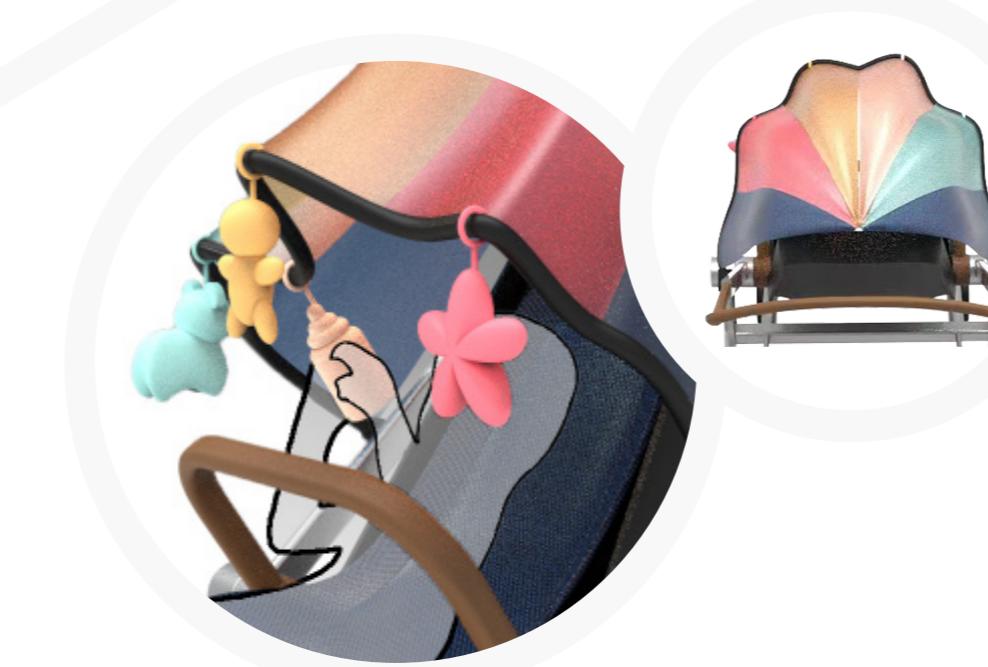
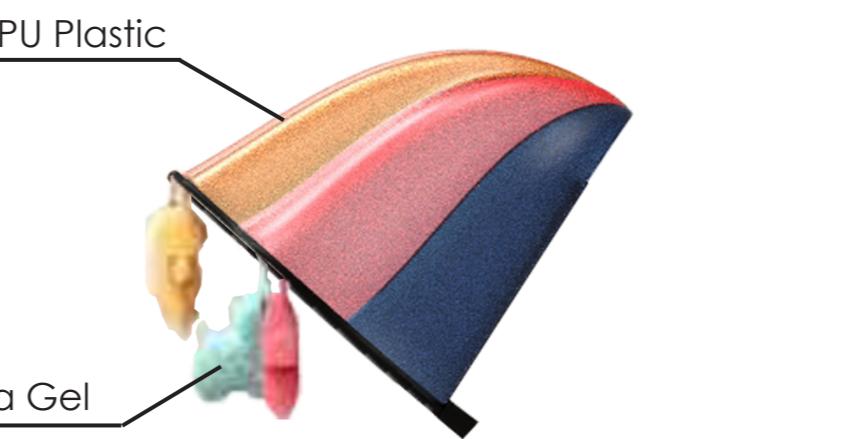
Clips
Detachable
and Flexible

Fold it when
not in use

DEFINE

04

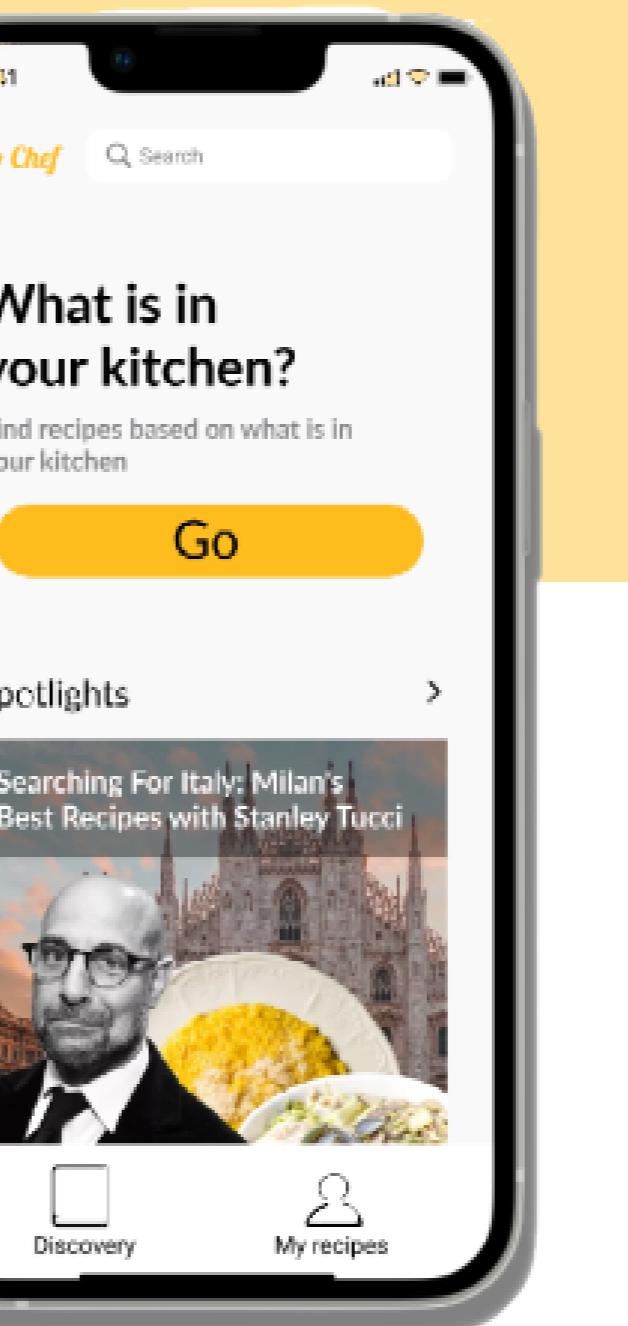
Renderings





The Intro: User Interface Project

This was the 2-week self-directed project for the Ideation and Prototyping course last semester. This project aimed to let us get familiar with iterative design process on Figma, and practice user research skills.



Recipe Suggestion App

The goal of this mobile application was to recommend diverse dishes to people every day by users picking what they've already had in their kitchen.

EMPHATIZE

User Interviews

01

Persona 1: Madeline

Occupation: NYU sophomore

Location: New York, NY

Gender: Female

Grocery shopping: Once every two weeks

Cooking: At least twice per day

Daily Life: Too much school work. Got a lot of groceries at one time.

SCHOOL



Persona 2: Jacqueline

Occupation: NYU senior

Location: Jersey City, NJ

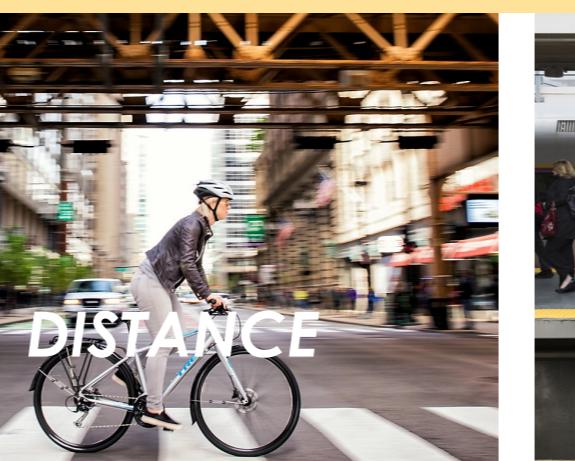
Gender: Female

Grocery shopping: Once a week

Cooking: At least once per day

Daily Life: Commuted everyday. Super busy as a senior. Lived 30-min walk away from the closest grocery store.

DISTANCE



Persona 3: Yuankun

Occupation: Senior in college

Location: Syracuse, NY

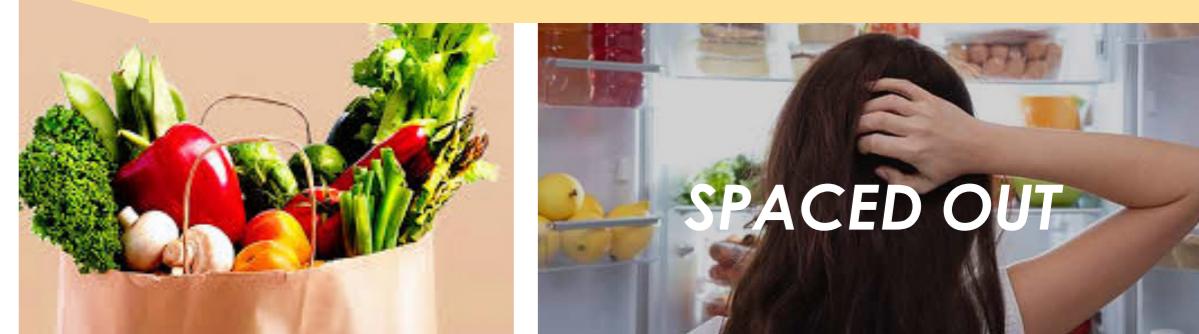
Gender: Male

Grocery shopping: Once or twice a week

Cooking: More than twice per day

Daily Life: Enjoyed cooking in free time, but had trouble coming up with recipes. Didn't have enough ingredients for the fancy dishes on websites. Always got bored with having almost the same dishes every day with the same ingredients in her fridge.

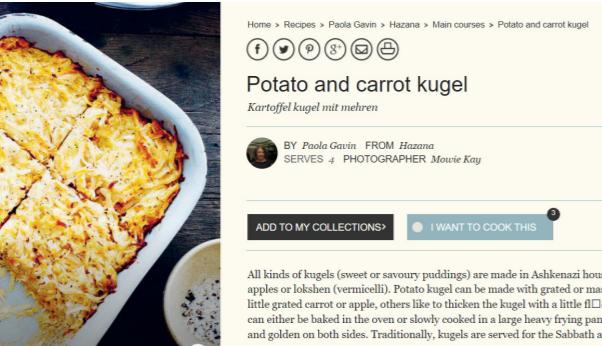
COMMUTERS



EMPHATIZE

02

SWOT Analysis



[Home > Recipes > Paola Gavin > Hazana > Main courses > Potato and carrot kugel](#)

[f](#) [g](#) [p](#) [t](#) [s](#) [e](#) [d](#)

Potato and carrot kugel
Kartoffel kugel mit mehreren

BY Paola Gavin FROM Hazana SERVES 4 PHOTOGRAPHER Movie Kay

[ADD TO MY COLLECTIONS](#) [I WANT TO COOK THIS](#)

All kinds of kugels (sweet or savoury puddings) are made in Ashkenazi households, especially with potatoes, apples or lokshen (vermicelli). Potato kugel can be made with grated or mashed potatoes. Some cooks add a little grated carrot or apple, others like to thicken the kugel with a little flour or matzo meal. Potato kugel can either be baked in the oven or slowly cooked in a large heavy frying pan on top of the stove until it is crisp and golden on both sides. Traditionally, kugels are served for Shabbath and for Sukkot.

olive oil vegetable oil
extra virgin olive oil canola oil
coconut oil sesame oil
cooking spray shortening frying oil
sunflower oil +50 More

Video only Key Ingredient(s) Meal Type Cuisines Diet Max Ing

You can make 1,385 recipes

Do you have?

olive oil milk flour vegetable oil extra virgin olive oil bacon
heavy cream whipped cream yogurt
cream buttermilk greek yogurt +39 More

Cheeses 0/92 Ingredients
parmesan cream cheese cheddar
mozzarella
sharp cheddar blue cheese

Russian Chopped Eggs food.com You have all 3 ingredients

Ingredientes 1 raciones +8
Leche de coco 100 mililitros
Calabaza 1 unidad (50g)
Pimiento rojo 1 unidad (30g)
Cebolla 1 unidad (50g)
Puerro 1 unidad (40g)
Cúrcuma 1 cucharadita (3g)
Champiñón 6 unidades (60g)
Edamames 1 pujado (50g)

Yummly

JUST FOR YOU

TRENDING RECIPE

Tap 'Yum' and to teach Yummly about your tastes.

Añadir a la lista de la compra

Comunidad Recetas Escáner Segmentos Plus

add ingredients AZ

Vegetables & Greens 2/100 Ingredients

garlic onion bell pepper tomato carrot
scallion potato ginger root red onion
celery +90 More

Dairy & Eggs 4/49 Ingredients

butter egg milk sour cream
heavy cream whipped cream yogurt
cream buttermilk greek yogurt +39 More

Herbs & Spices 3/79 Ingredients

allrecipes.com

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Trusted Brands: Partner Recipes
More Recipes
Tips and Advice
How-To Articles
For Members - JOIN!
Register FREE!

RECIPE OF THE DAY
Southwest White Chicken Chili
SUBMITTED BY: Campbell's Kitchen
5 ★★★★★ READ REVIEWS (8)
Got 30 minutes and a craving for good chili? Then get out your saucepan, because this chicken chili really satisfies.
MORE RECIPES LIKE THIS MORE DAILY RECIPES

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VOTE FOR TOMORROW'S FAVORITES | MORE PHOTOS »
bhenevict Mint Buttercream Frosting 225 Votes
Bellepepper Turkey and Bacon Panini 173 Votes
Sous Loving Nicole Jalapeno Soup 172 Votes
Kelly Tofu Tacos I 160 Votes

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The Recipe Critic
Slow Cooker General Tso's... THE RECIPE CRITIC

Yum 11k

TRENDING RECIPE

| Strengths | Weaknesses | Opportunities | Threats |
|--|--|---|--|
| Allrecipes, Yummly, Tasty | Many recipes recommended which make me hungry when browsing it; detailed instructions; great tips writing features | Not personalized; for me, it is not needed to have a grocery suggestions. | What if users can also give some negative reviews to dishes they made, not only just tips. |
| Mealime Meal Plans & Recipes, Plan to Eat | Write down meal plan in your schedule, create a grocery list | Empathize too much with the schedule which makes the food less attractive. | Could be more vivid! |
| Healthy Recipes, Eating Healthy | Ideal for people on a diet; shopping lists | Searched by calories is not that straightforward for everyone. | Attach nutrition info to current detailed info of recipes, and users can choose if they want it. |
| My Fridge, Supercook | Fleshing out recipes based on what ingredients you have | (My Fridge) Terrible user interface; texts piled up. (Supercook) The full recipes are on other websites so it's kind of annoying jumping back and forth | Supercook has a relatively good UI reference that I can steal. :) |

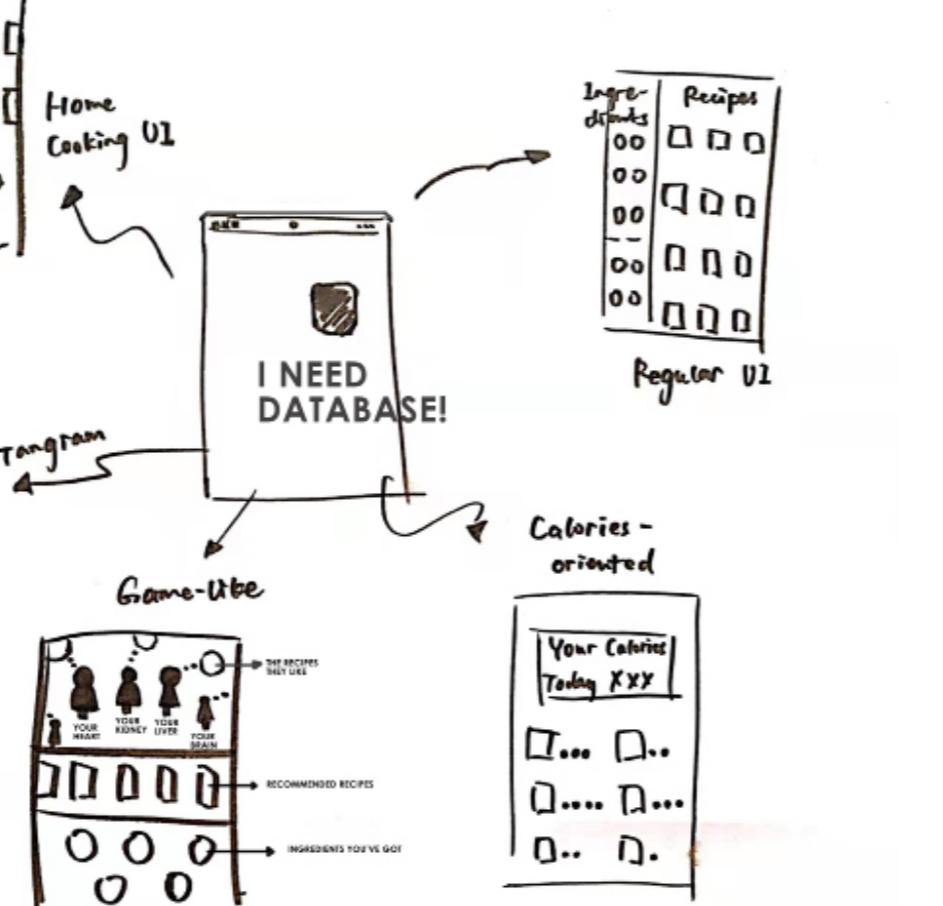
Features:
suggesting and showing recipes,
creating meal plans,
reminding calories, and
customizing results based on
ingredients.
Lack of aesthetics,
design consistency or
high usability.

Brainstorming



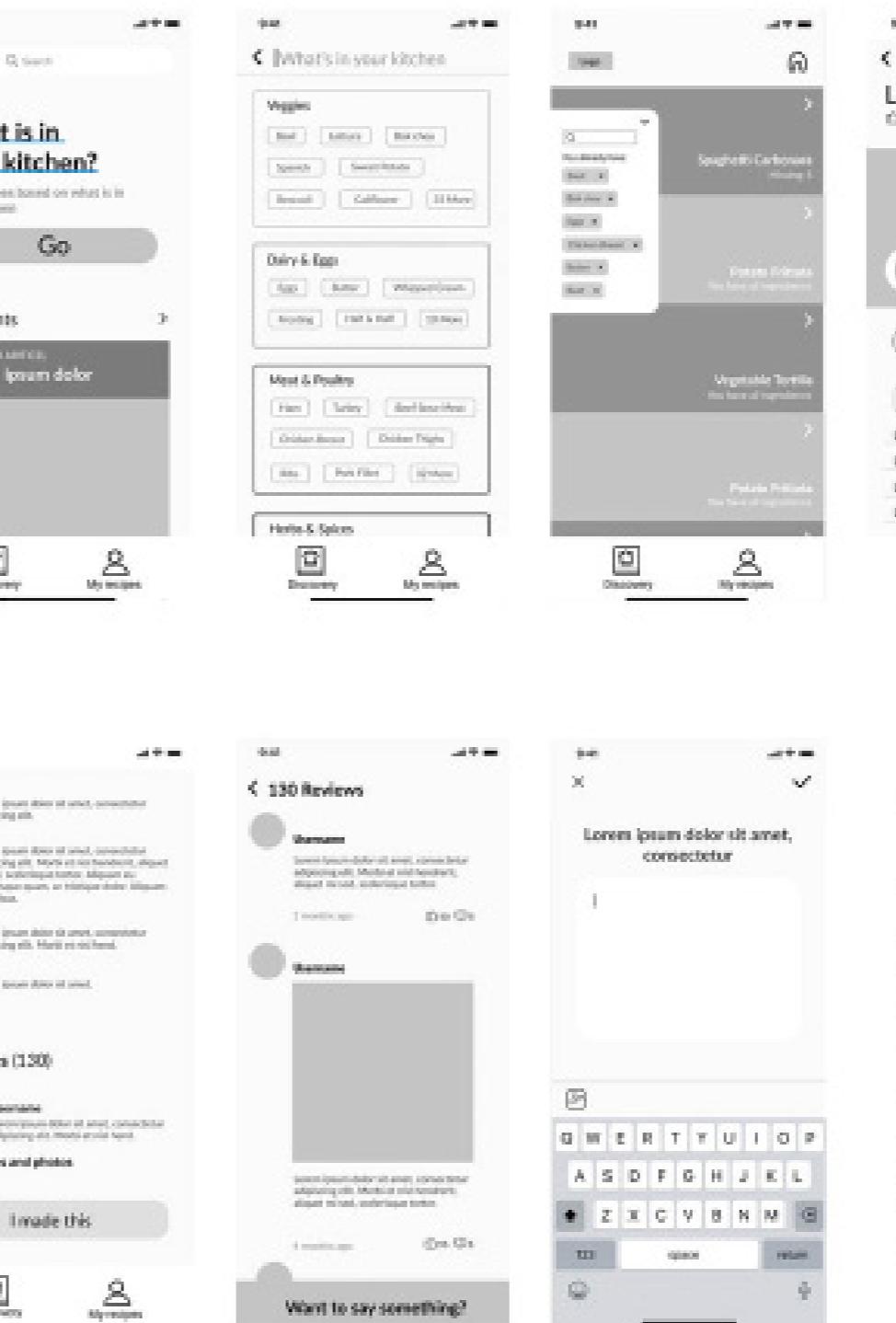
Card Sorting

Three MVP features



Crazy "5"

Fleshed out five ideas of interfaces within five minutes



Typography

H1 - Regular 36px

H2 - Regular 24px

Subtitle 1 - Regular 18px

Subtitle 2 - Regular 16px

Text - Regular 14px

H1 - Bold 36px

H2 - Bold 24px

Subtitle 1 - Bold 18px

Subtitle 2 - Bold 16px

Text - Bold 14px

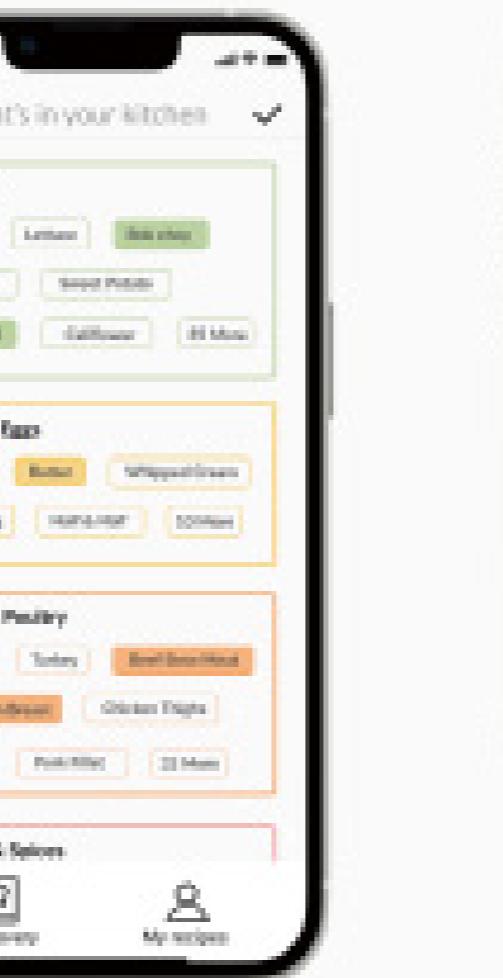
Low Fidelity Prototype

DEFINE

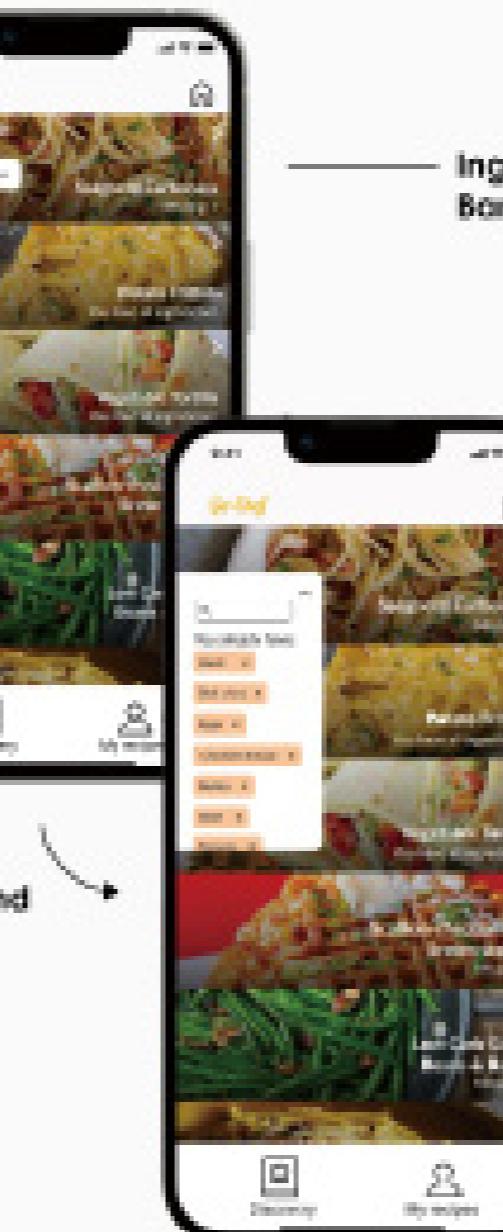
User Flow

05

01
Choose



02
Suggest



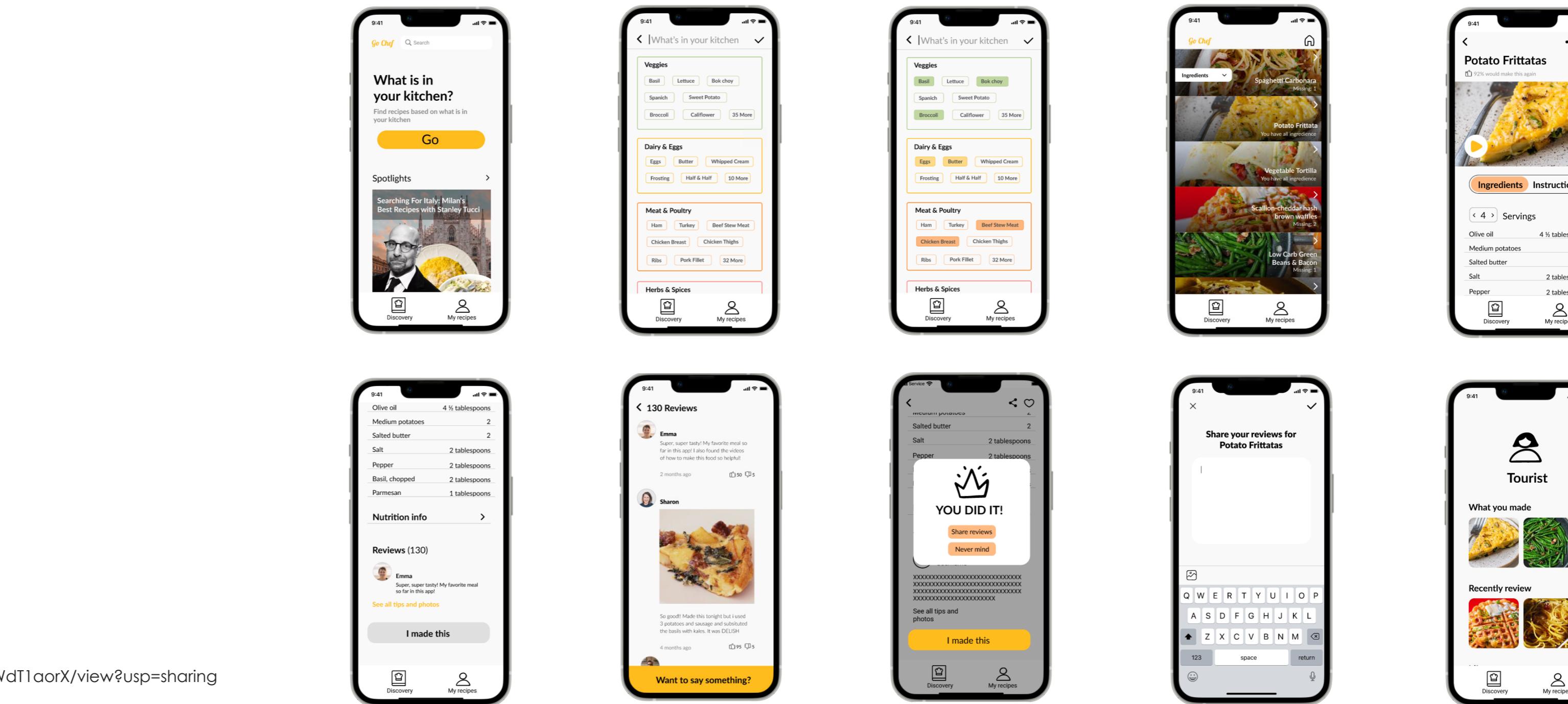
03
View & Engage



Final Look of Mobile App

Interaction:

<https://drive.google.com/file/d/13xFvbtyHutbJiVCNIDCA6Np1WdT1aorX/view?usp=sharing>



Final Look of Website

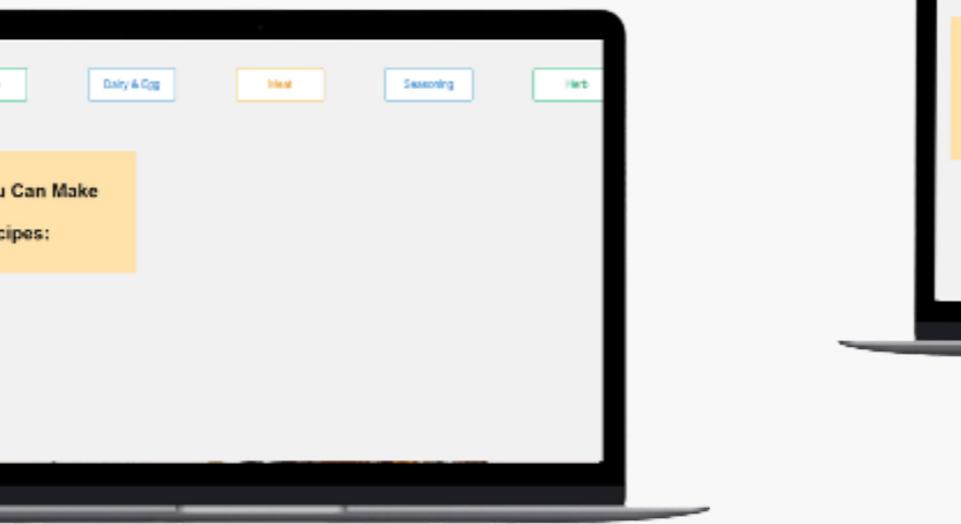
Interaction:

https://tianyue-yi.github.io/Final_Tia/recipeRec.html

06

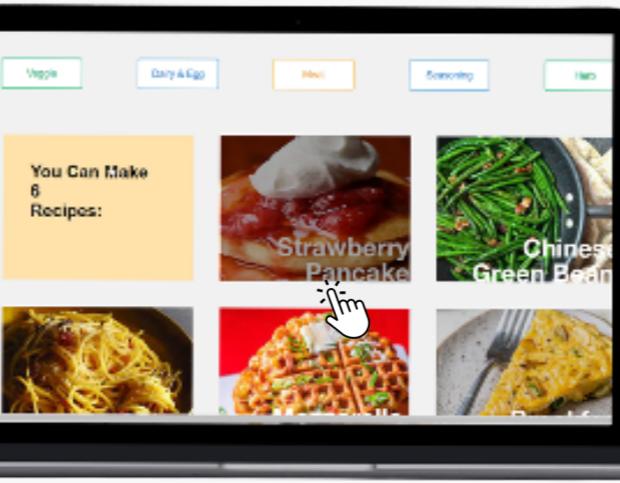
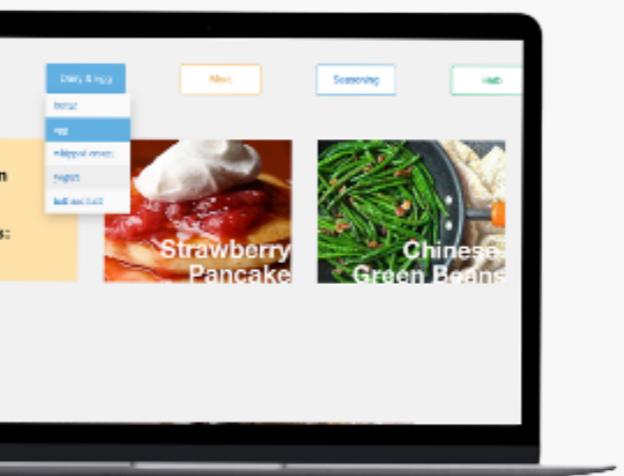
01

Landing Page



02

Select & Suggest



03

View on the source page

