

P2 Group 2

Team Capybaras Project Phase

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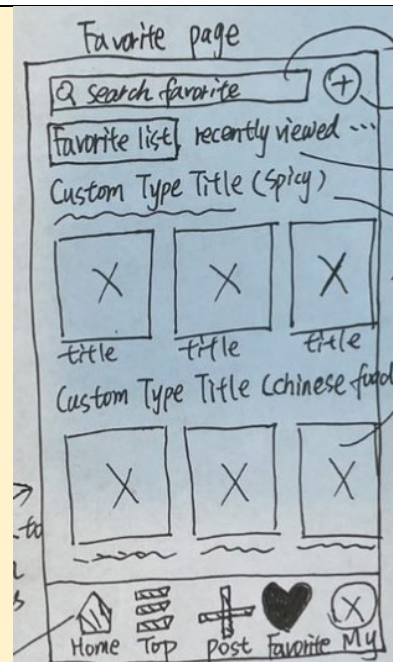
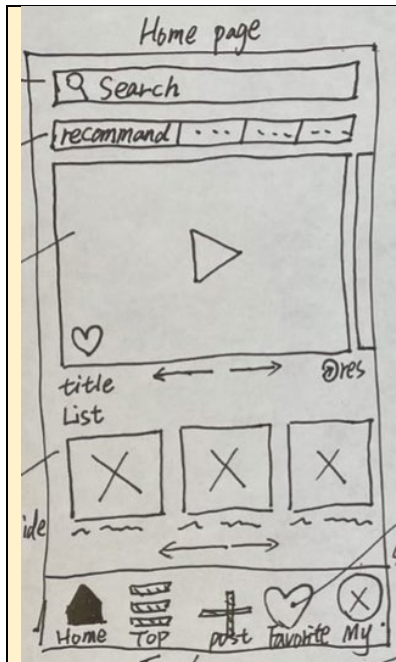
Description

A recipe search engine app, you can use this app to easily search for recipes on the internet, you can customize your search for different regions, countries, tastes, etc. Based on the description above, it is clear that the filtering search system is the most important part, and our group focused on this page when redesigning the sketch. We also redesigned the home page and the recipe view page, and here is the process we executed.

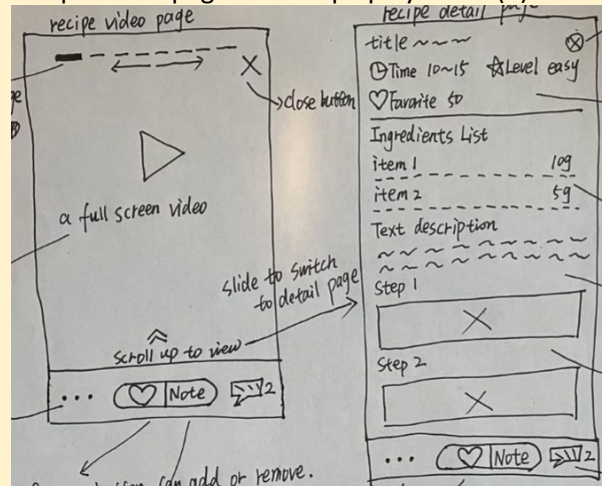
Affinity Diagramming: (by Trung Hieu Tran)

- Sketches

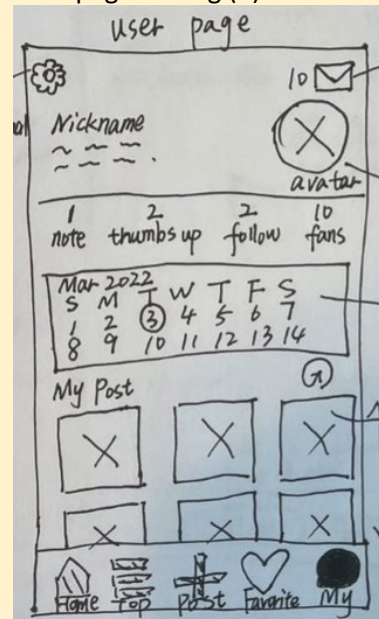
Josh	
<p>Home page (0)</p>	<p>New recipes (1)</p>
<p>Recommendations (2)</p>	<p>Saved Recipes (3)</p>
Yang Ming	
Homepage (4)	Favorite (5)



Recipe detail page and recipe play video (6)



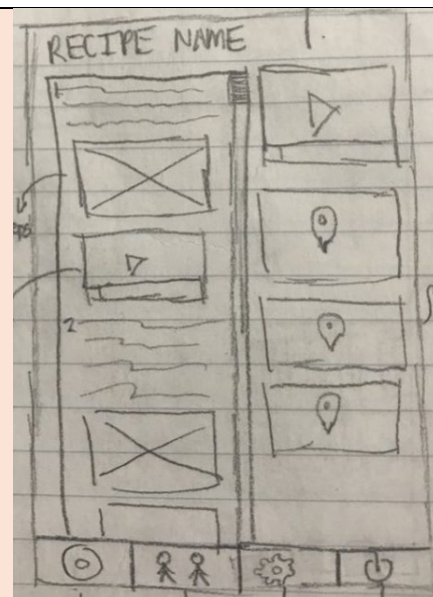
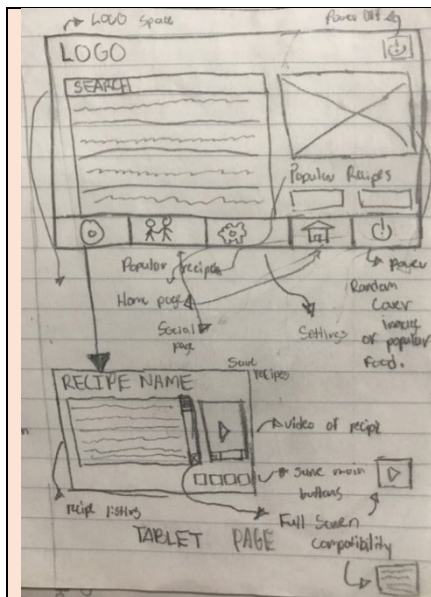
User page setting (7)



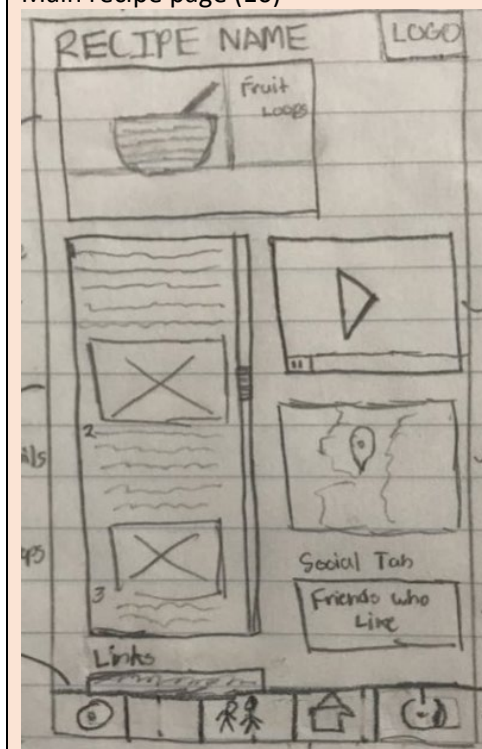
Buola

Recipe Video Display (8)

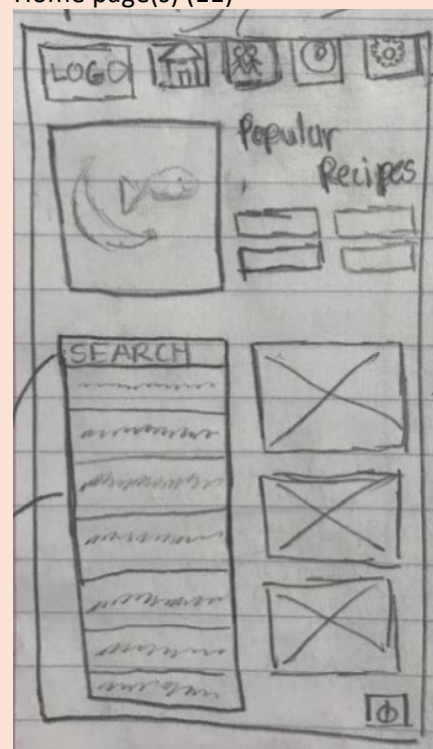
Step-by-step recipe guide (photo included) (9)



Main recipe page (10)



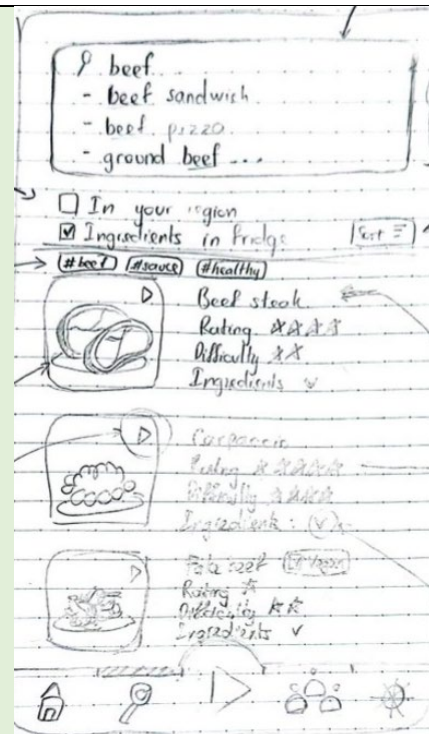
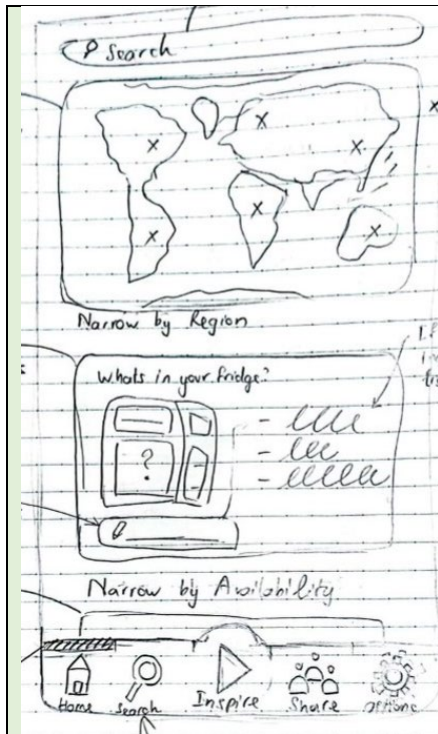
Home page(s) (11)



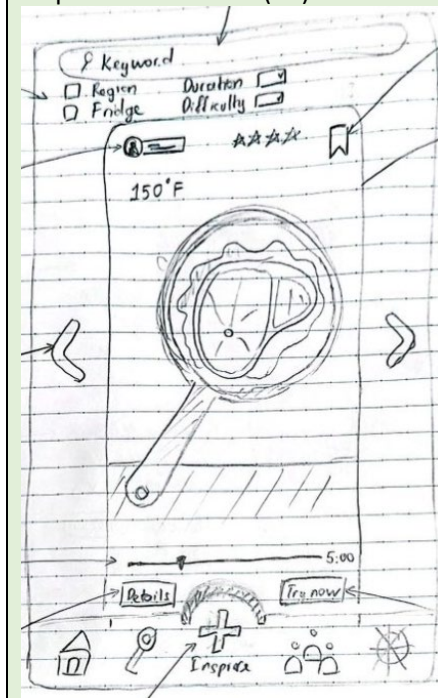
Trung

Home (12)

Search (13)



Inspire social media (14)



Share (15)

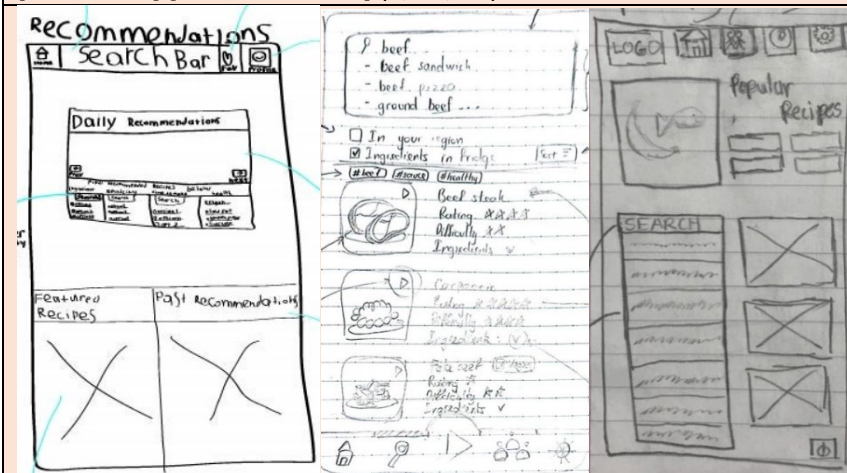


- Groups of concepts

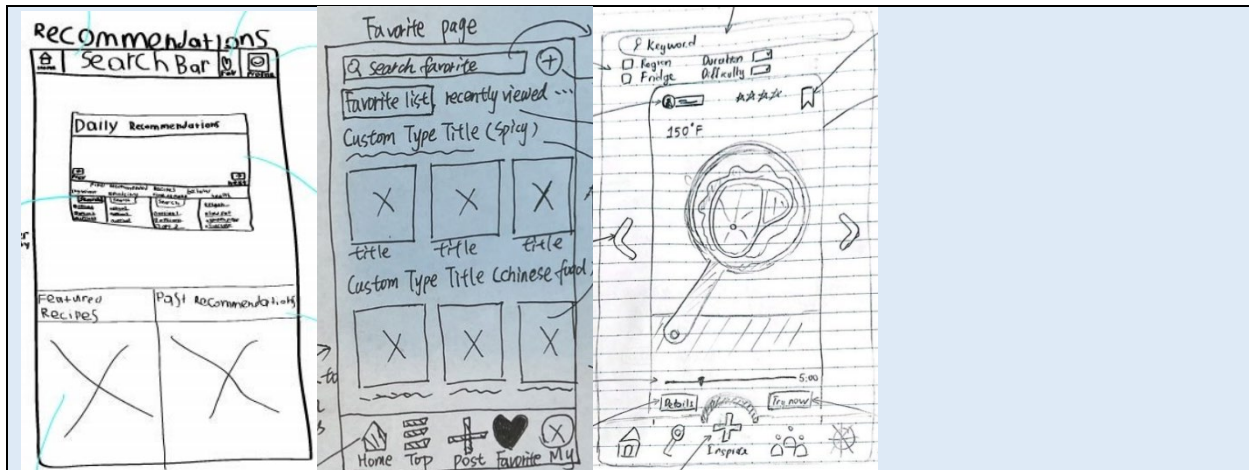
[Listing] [New Recipe] (1, 6, 8, 10, 13)



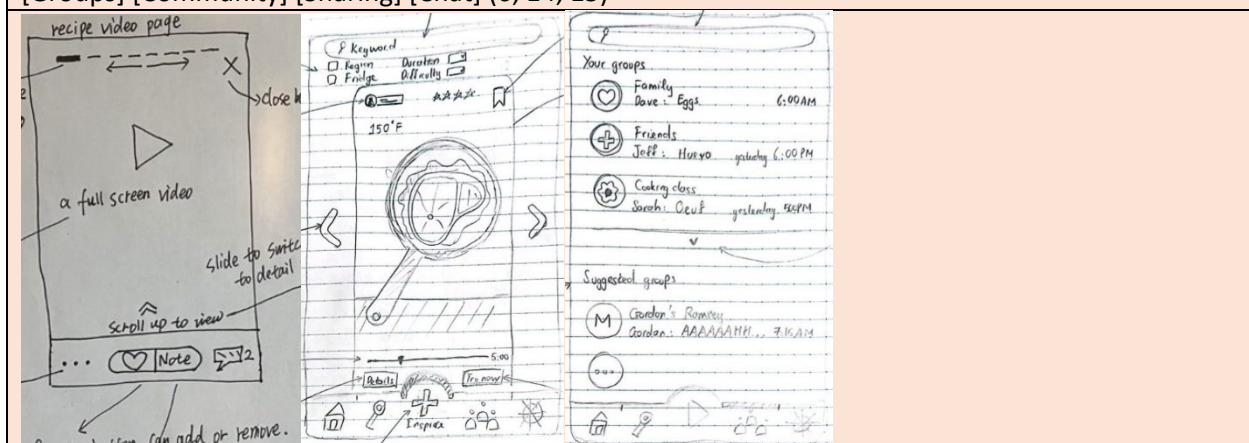
[Search bar] [Search function] (2, 11, 13)



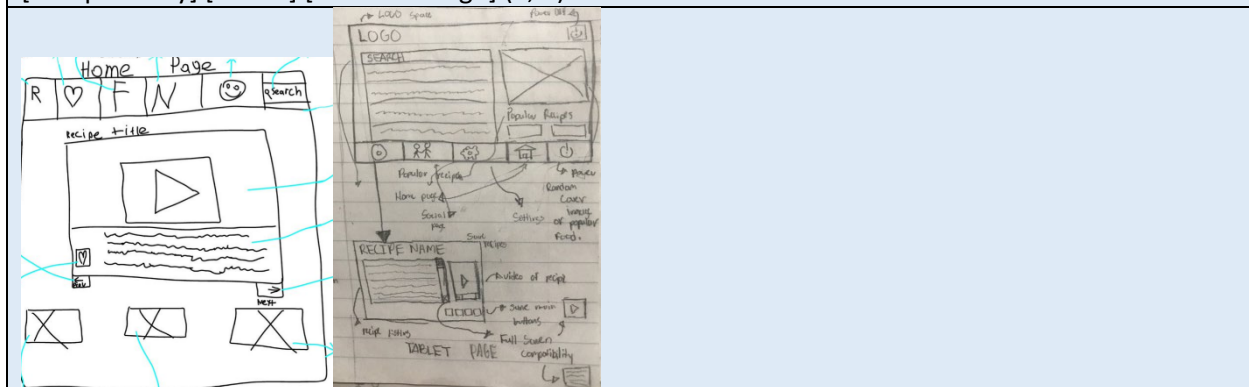
[Favorite] [Bookmark] [Save] (2, 5, 14)



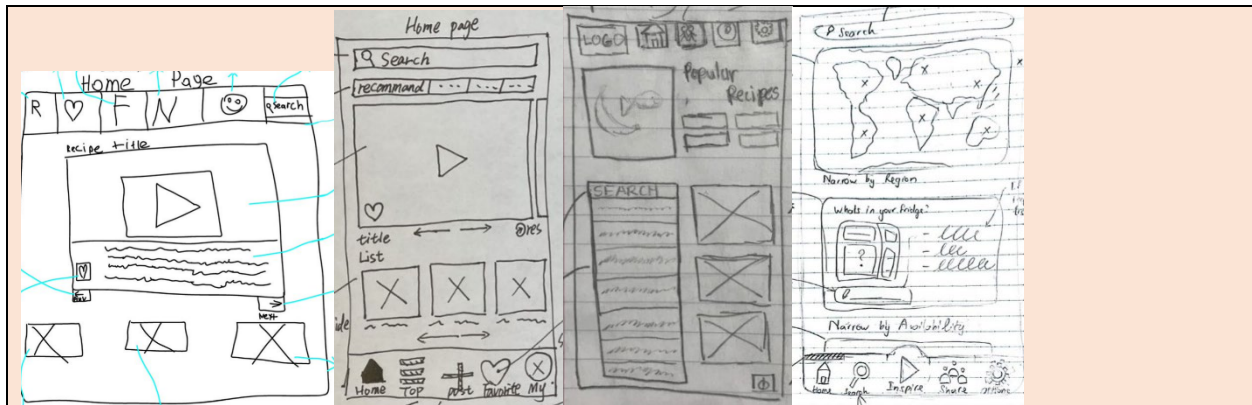
[Groups] [Community] [Sharing] [Chat] (6, 14, 15)



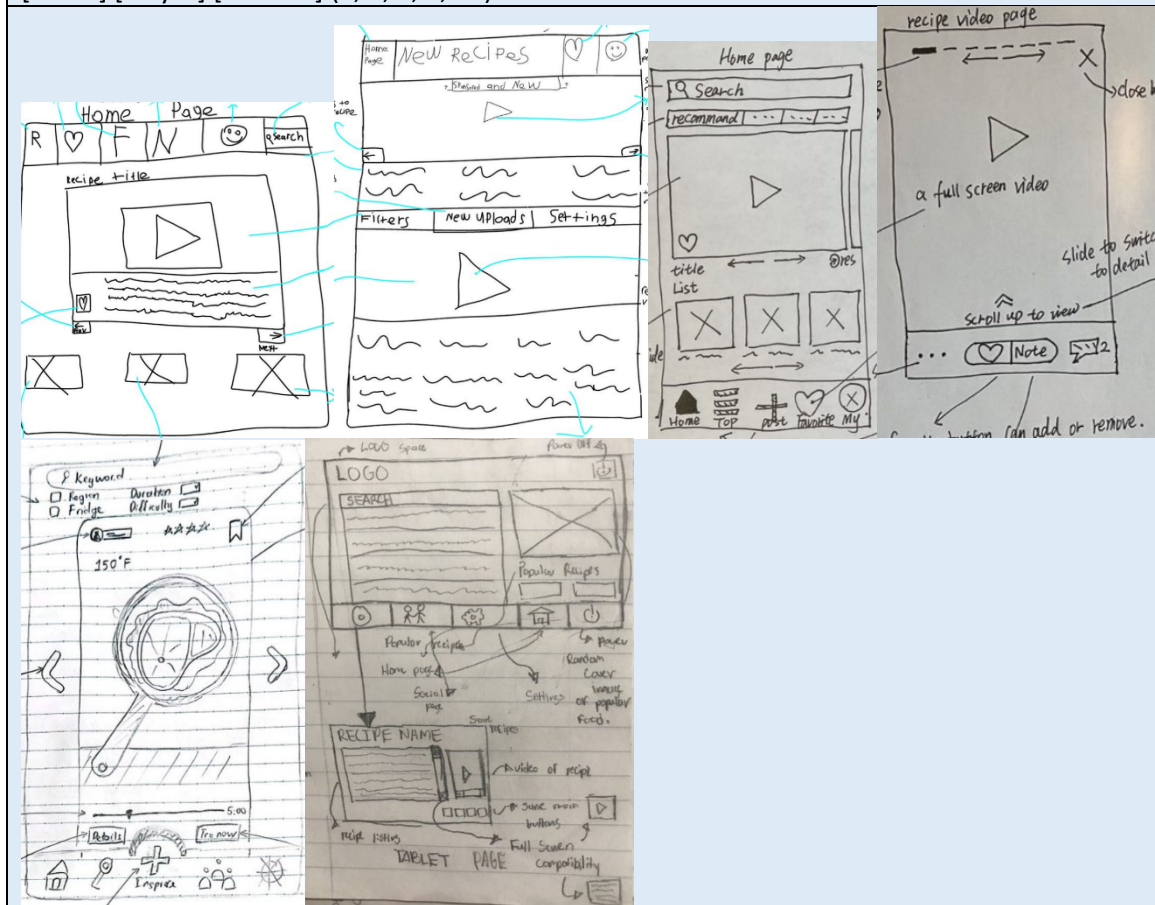
[Compatibility] [Tablet] [Flexible design] (0, 8)



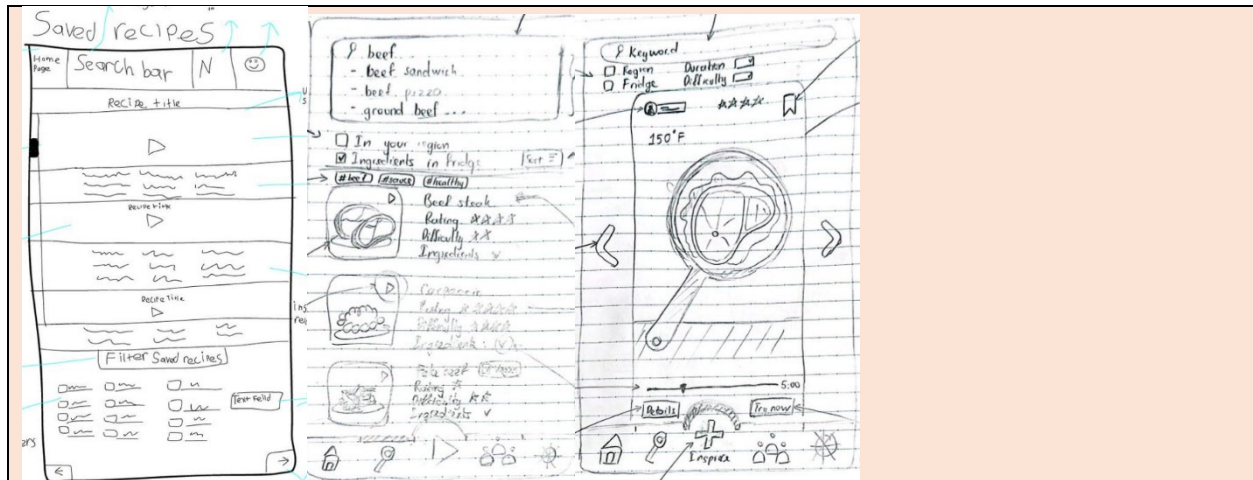
[Home] [Home page] [Opening] [Hub] (0, 4, 11, 12)



[Video] [Player] [Tutorial] (0, 1, 4, 6, 14)

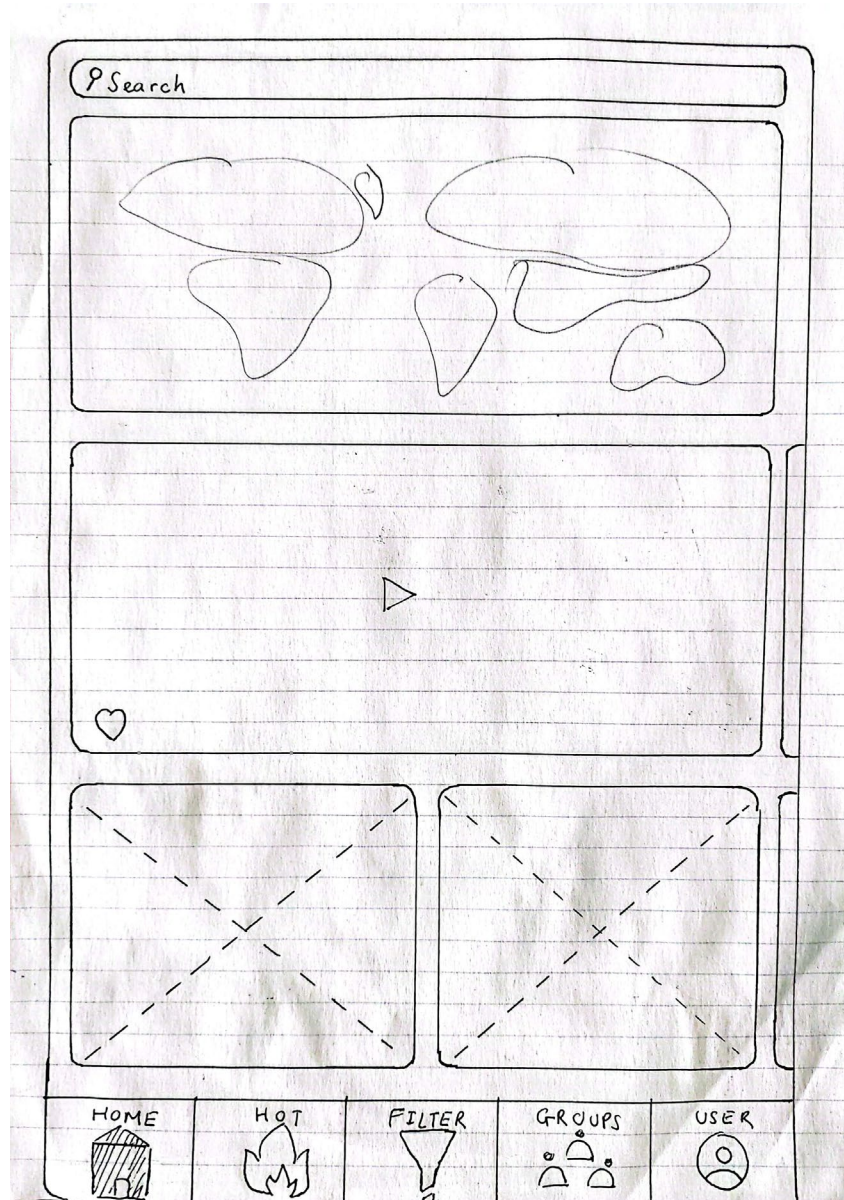


[Filter] [Checkboxes] [Detailed filtering] (3, 13, 14)



Refine Sketch 1 (by Buola Achor)

- Sketch screenshot



- Description:

Modern app home screens follow a trend of absolutely needing to be simple yet stylish. Taking this into account, we collaborated to design something which meets those qualifications. Right away the user is greeted with several rounded corner rectangles holding various content. As their eyes move down the screen, a user will first see at the top a search bar, that when clicked upon, a drop-down GUI allows the user to instantly search for a specific recipe with a few basic filters. Below is an interactive map of the world with the ability for the user to click on a specific region to search for recipes from.

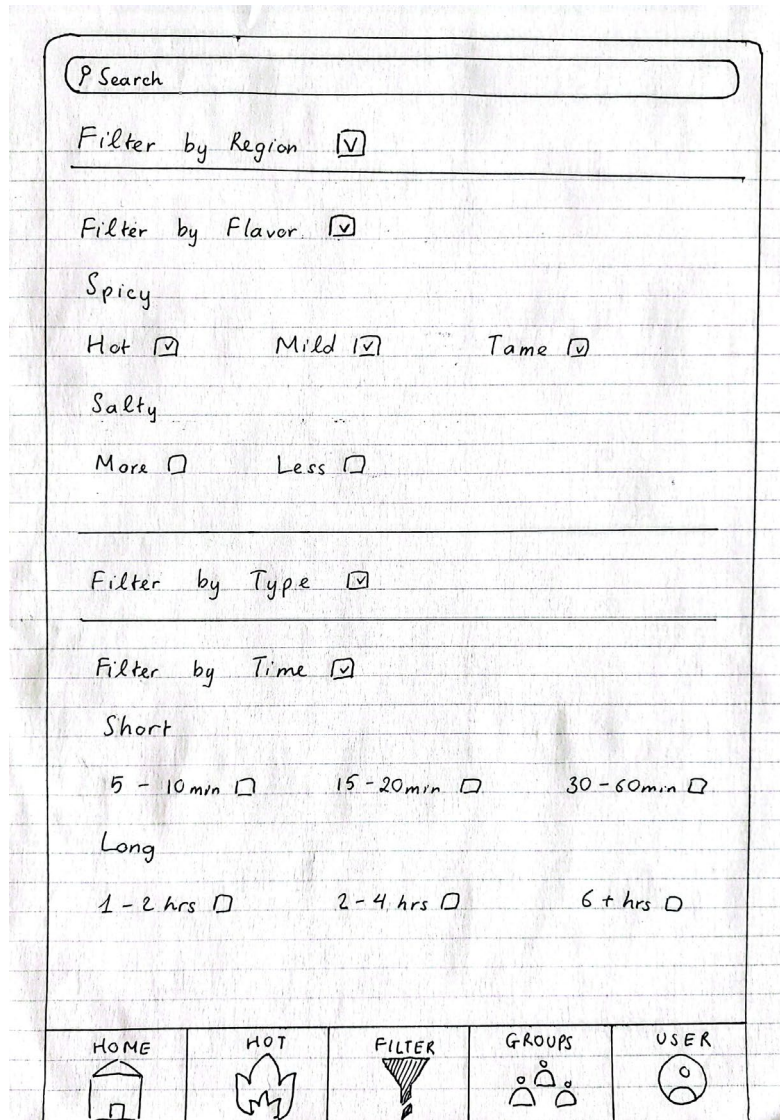
Proceeding down the page, a highlighted recipe will appear to provide a quick recommendation without much hassle. More recipes can be found near the bottom just above the navigation tabs. These recipes are a mix of trending recipes, previously saved recipes, and more recommendations for the user based on their previous use of the application. Located directly at the bottom of the page are the simple yet informative navigation tabs. Easy to understand pictures with one-word descriptions comprise these tabs, providing the user with the perfect amount of understanding to navigate the page.

- **Justification:**

Designing a page that caters to the users' needs was particularly important to our group. The page came out to be quite the minimalistic piece, showing only what could assist the user in their culinary journey. Rounded corner rectangles used for the content bubbles were a big choice designed to take away the harshness of pointed corners for a more helpful-looking page. A small design choice such as that already demonstrates the app's desire to remove stress from your life. To go with this notion, we chose for the homepage to be mostly absent from text because reading can be a burden sometimes. Most of the text the user sees when navigating the page will be read when filtering and searching for their new favourite recipe. An array of small helpful tools can be found while scanning the page as well. Our biggest example of this, the world map, was implemented to aid users in diversifying their tastebuds by trying recipes from other regions. We understand that a lot of home cooks associate food with the region it originates from. Therefore, the map was designed for quick and easy access by home cooks to find a region they want to explore recipes from. Another tool is a quick save feature, implemented with a small heart located in the bottom left of the content bubble. Clicking this button saves the recipe to the user's favourite section. It was put on the home screen because it is possible a recipe can be highlighted when a user may be craving something else, yet still has an interest in that recipe. Following the trend with other aspects of the app, what the user uses to navigate the tabs is also simple. Small pictures provide enough information to the user, enough so that there is the confidence they are navigating to the right part of the page. Common pictures such as the house were for the home page because that is the common choice for the most popular apps. It would be inefficient for the user to learn that, for example, the home page tab is a pork chop in the navigation bar. Simplicity in this manner can only benefit the user, thus creating a stress-free space for anyone to find what they are looking for.

Refine Sketch 2 (by Joel Rietveld)

- Sketch 2 screenshot



- **Description:**

When a user begins to use our filtering system, we decided to include a search bar at the top of the page. Users can search simply by entering whatever option they are trying to find directly or by using the filter system in tandem with the search bar. The filtering system comes with multiple search functions which can help the user narrow down whatever food of choice they are looking for. This includes the region, where the input on the map featured on the homescreen will be selected for the search. Next, we have flavour, there is a large selection of flavours in which users can select for example, different levels of spiciness. This is accompanied by other options like salt level and potentially more in

the completed filter. After this is type, it includes a variety of factors such as time and in the future, meal type. For this, we added multiple time ranges where users can select in order to streamline the process of finding recipes. This is all included along with the search functions presented on the home screen being the home page, hot page, filter page, groups page, and user page.

- **Justification:**

We decided to add the region filter due to the likely possibility that a user would want a recipe from foods of different cultures around the world. It greatly helps narrow down search options and finding different recipes from other cultures is essentially the point of the application. Also, Including the option to select flavours was a no brainer since flavours can vary between different foods and cultures. We decided variations in spice levels would be common due to the amount of culture that incorporate some kind of spice or pepper. We also decided to add salt level as just a base for potential options we can integrate when it comes to flavour selection. Since the occasion may change each time a person cooks a dish, some people may want a quick little snack or a meal that takes a long time to create. This feature is especially useful because it gives users the option of finding a meal that will suit their needs at the very moment they use the app. Seeing how the options are very broad and can apply to most situations it may encourage users to return to the app for future use.

Storyboard: (by Joshua Soke, Buola Achor, Trung Hieu Tran)

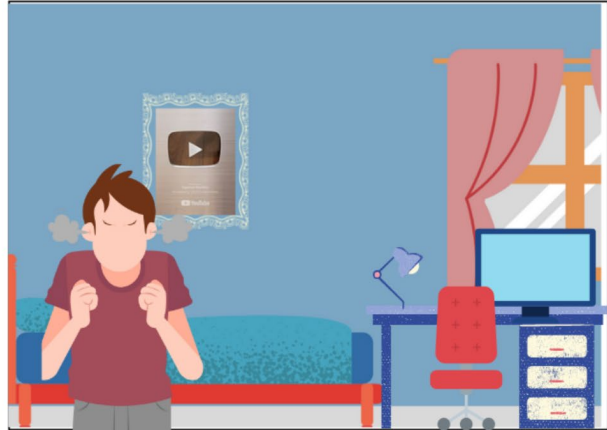
1



Joe promised jill that he was going to cook for her for the first time this Friday

After working overtime, he has no clue what to make. and is short on time.

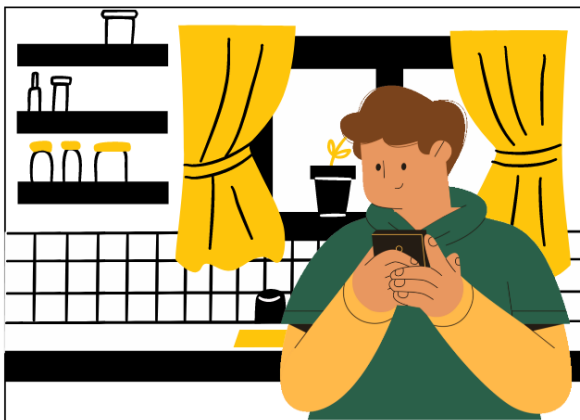
2



He then searches on google to find any relevant recipes that could surprise

her but struggles due to google not having any recipes from his country

3



After wasting much needed time, Joe turns to the app store.

Joe then finds our app and decides to give it a go in hopes of finding an easy solution

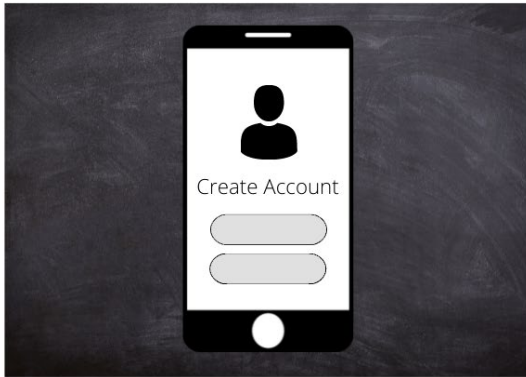
4



Joe discovers the home page which showcases trending recipes,,

a map where you can select for region, user page, groups page, and more.

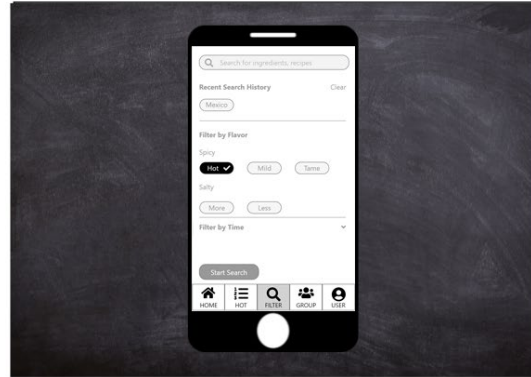
5



After browsing the home page, Joe then searches through one of the apps .

features being a user page where you can create an account to share recipes.

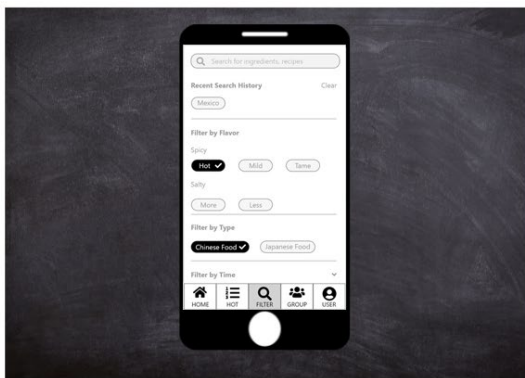
6



Joe then uses the apps ability to filter through

region, country, time, meal time and ingredients to find a specific recipe.

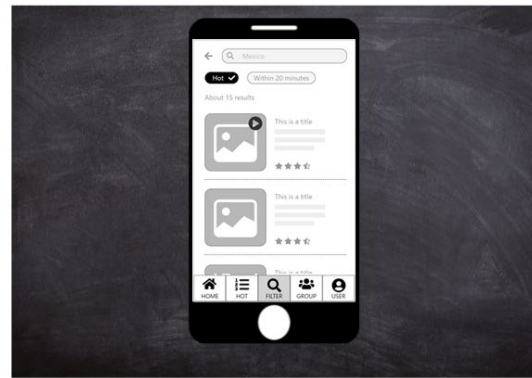
7



Joe then inputs his girlfriends favorite ethnicity of food, alongside with the ingredients he currently has.

since Joe is running out of time, he applies the "time" filter and finds a recipe

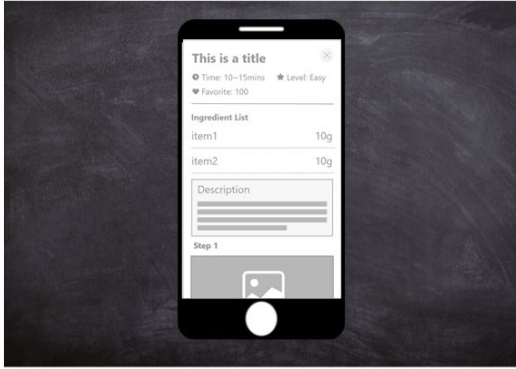
8



Through use of the filter, joe finds the recipe he was looking for

along with several other recipes he can choose from

9



Joe then sees the page of the recipe which displays multiple options.

This includes a detailed recipe description, ingredient list, a photo step-by-step guide, and a video

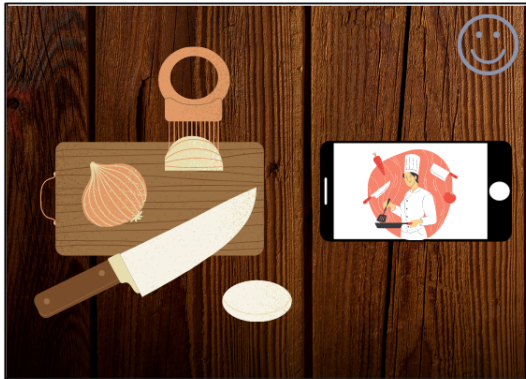
10



Since its easiest for him, joe decides to use the video player and watches a tutorial

of the recipe he has been looking for and starts preparing to cook

11



Due to our apps filtering system, Joe was able to easily find a recipe for his situation.

Joe was then able to follow a video while cooking his meal at a steady and fast pace.

12

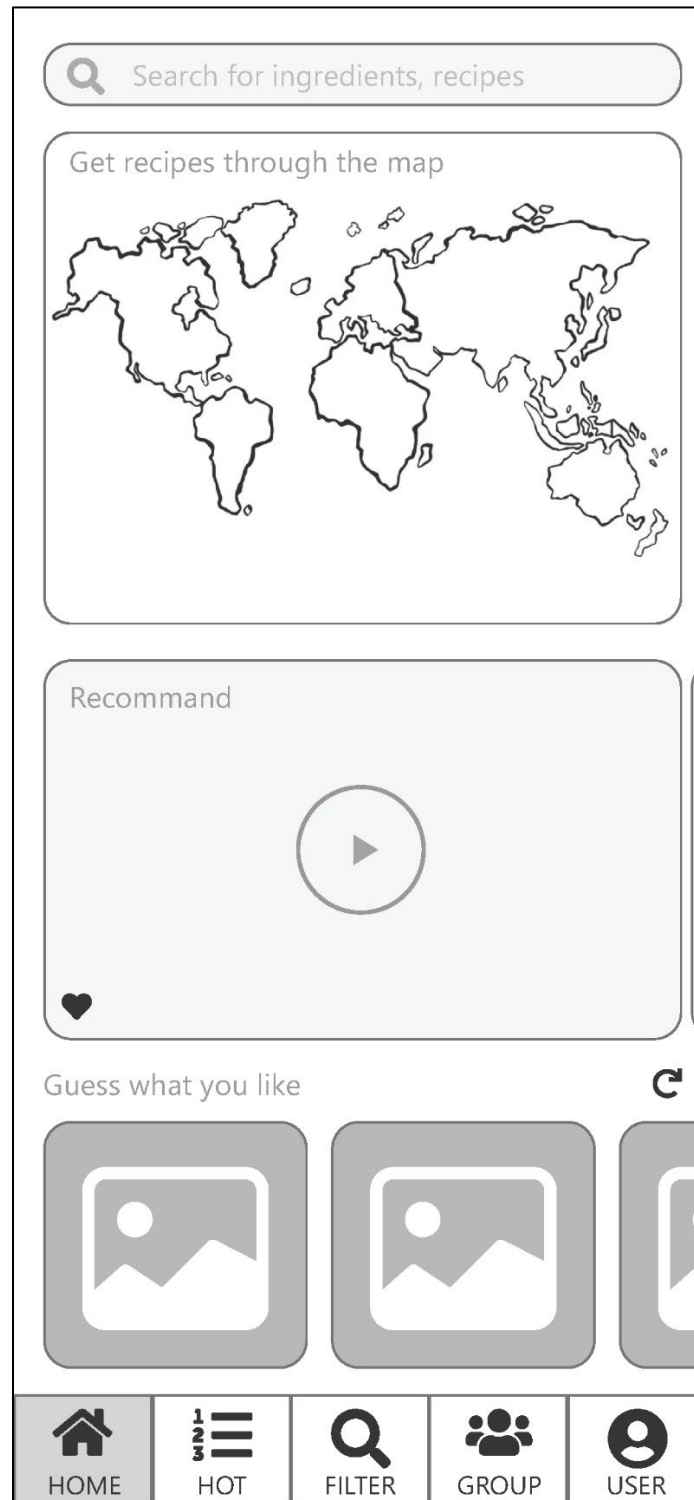


Joe and Jill are finally able to enjoy and eat their meal together


all thanks to the user oriented functionality of our cooking app

Wireframe: (By Yang Ming)

Homepage



Filter page

 Search for ingredients, recipes

Recent Search History

Clear

Mexico

Filter by Flavor

Spicy

Hot ✓

Mild

Tame

Salty

More

Less


Filter by Type


Chinese Food ✓


Japanese Food


Filter by Time


Start Search

 HOME

 HOT

 FILTER

 GROUP


 USER


Filter result





Recipe view

This is a title



 Time: 10~15mins

 Level: Easy

 Favorite: 100

Ingredient List

item1


10g

item2


10g


Description


Step 1



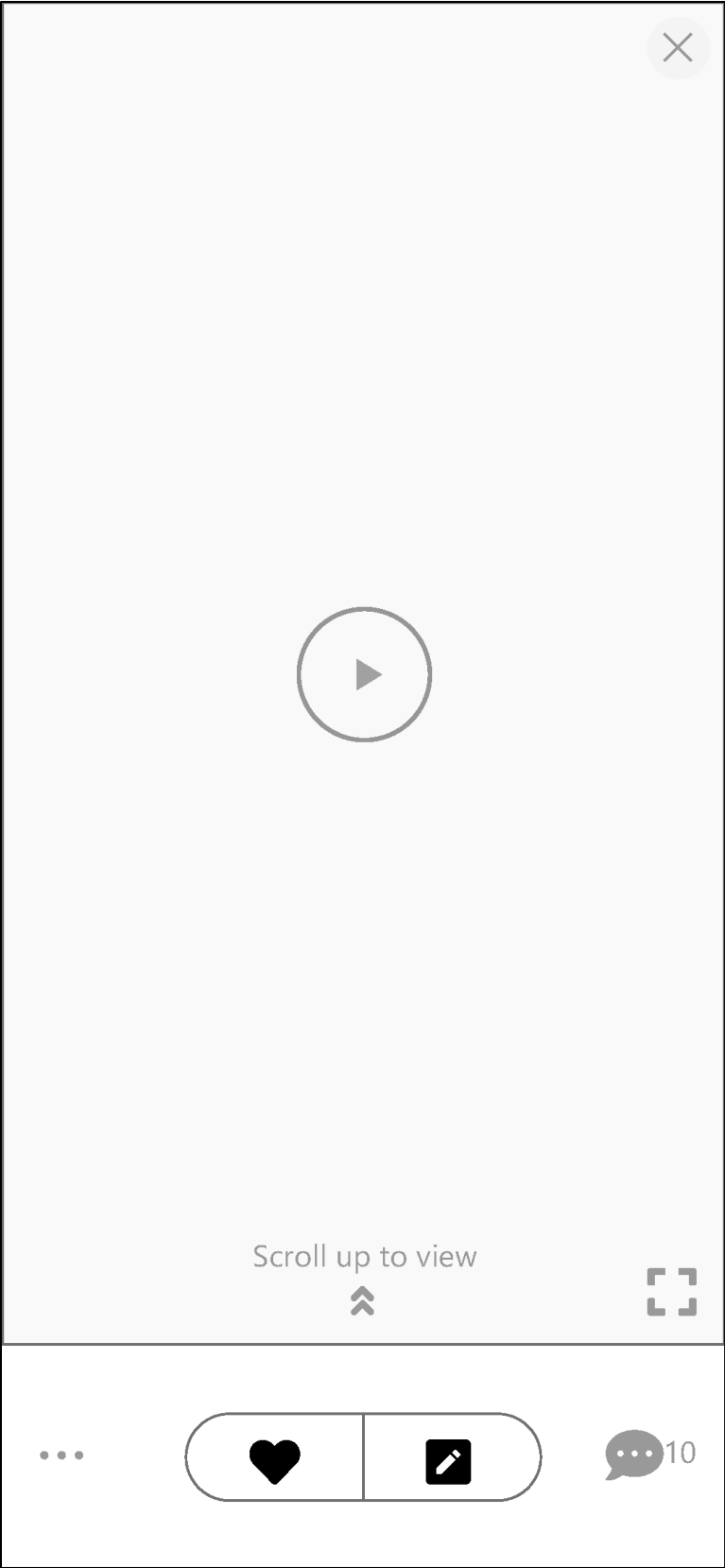
Step 2



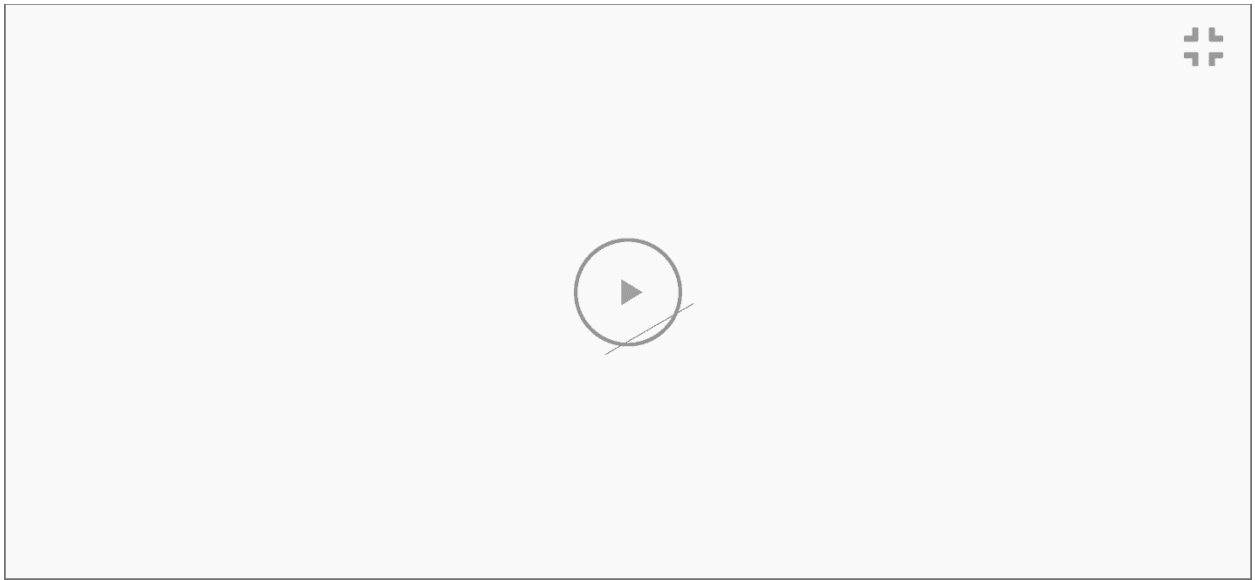




Recipe video play



Recipe video play – horizontal



Hot page

