

# README File

Prototype Link:

<https://www.figma.com/proto/IMUIaoeBQErbsZTgu0BwX9/Final-design-Merged?node-id=0%3A1&scaling=min-zoom>

Video Link:

<https://youtu.be/3ToJw3dXk3E>

Note:

For the best experience, view the prototype on full screen. (Expand the presentation using the arrows in the top right of the screen.)

Due to some of the limitations in Figma, we took the following considerations into account to reduce the complications:

1. We wanted the splash screen to automatically transition to the beginning of the application. Since there was no option in Figma to do the same, we decided to have an “On Tap” interaction, mentioned by the “Click to Continue...” message.
2. In the filter section of the recipe selection, only one Dropdown filter (Cuisine menu) recipe is elaborated.
3. After scanning the ingredients in task1, the option to remove the ingredients by clicking on the X icon is clickable only for the “flour” ingredient.
4. There is only one available interactive path(clickable elements are limited) for search and filter features.
5. The search keywords are restricted (like “Pie” in the search recipe, “flour” in Add Ingredients while scanning the ingredients for searching the recipe, etc) for reducing the complexity of typing
6. The mechanism to correct the mistakes/undo the actions is restricted to only a few actions (for clearing the filter, for leaving the session, etc).
7. There was no option to show a temporary Toast message in Figma as in mobile phones. So, the user needs to click on the message to hide it.
8. Clicking on the closed state of the drop-down can lead to an unstable state which is not expected from the actual UI
9. After ending the Live Learning session, the rating dialog pops up. Clicking on the ratings leads to a 5 star-rating. This is kept constant for now to reduce the complexity, but ideally, all intermediate ratings are possible for the application.

## Instructions - to run the app:

Anytime during the navigation, if you wish to return to the first page of any screen, you can do so by clicking on the corresponding tab in the navigation bar on the bottom of the screen.

### **Task 1: Recipe Selection (Horizontal and Vertical Prototype):**

There are 4 methods

#### Method 1: Clicking on the item on the first page

1. Click on the Orange Pie image. This would navigate you to the “recipe details” screen, where you can see the ingredients and the procedure to prepare the recipe.
2. Scroll the ingredient images to the right to view the pictures of all the ingredients.
3. Click on the star to bookmark the recipe
4. In the Ingredients section, click on the highlighted ingredients (underlined blue text) to view their alternatives
5. Scroll down to view the directions for the recipe.

Click on the “Search Recipe” in the bottom tab (or the back arrow on the upper left side) to navigate to the first page of the search recipes.

#### Method 2: Searching for a Recipe

1. Click on the Search bar, the keyboard overlay will come up suggesting that you can type in your search term.
2. Assuming you typed “Pie” (you don’t have to actually type it), click on the Return key on the keyboard. This would show the results for Pie.
3. Click on the Orange Pie image. This would navigate you to the “recipe details” screen, where you can see the ingredients and the procedure to prepare the recipe.
4. You can explore this page as per steps 2 to 5 in Method 1 mentioned above.

Click on the “Search Recipe” in the bottom tab to navigate to the first page of the search recipes.

### Method 3: Scanning the ingredients present

1. Click on the Camera scan icon, it will open the camera, allowing you to scan the ingredients. Assuming you have eggs, milk and orange, the app identifies the items and lists them below.
2. Click on the “Add Ingredient” button. It opens an overlay allowing you to add ingredients.
3. Click on the text box. The keyboard overlay will come up suggesting that you can type the ingredient.
4. Assuming you typed “flour” (you don’t have to actually type it), click on the Return key on the keyboard. This would add an additional ingredient to the list.
  - a. Optional: If you want to remove the newly added item, Click on the “X” icon beside the “flour” item to remove it from the list
5. Click on the “Find Recipes” button to list all the recipes related to the ingredients mentioned.
6. Click on the Orange Pie image. This would navigate you to the “recipe details” screen, where you can see the ingredients and the procedure to prepare the recipe.
7. You can explore this page as per steps 2 to 5 in Method 1 mentioned above.

Click on the “Search Recipe” in the bottom tab to navigate to the first page of the search recipes.

### Method 4: Using the Filter option

1. Click on the Filter icon. This would open the Filters overlay to apply various filters.
2. Click on the “Cuisine” dropdown and Select the “Italian” cuisine.
3. Click on “Apply Filter”
4. Click on the “Clear Filter” icon(The filter icon with an X mark on it on the right side of the search bar). This allows you to clear all of the filters. It would ask for confirmation. Click on No to dismiss this message. (This functionality also works for other methods as well). Click on Yes to clear all the filters and return back to the home page.
5. Click on the Orange Pie image. This would navigate you to the elaborate recipe details, the ingredients and the procedure to prepare the recipe
6. You can explore this page as per steps 2 to 5 in Method 1 mentioned above.





Click on the “Search Recipe” in the bottom tab to navigate to the first page of the search recipes.

## **Task 2: Live Learning (Horizontal Prototype):**

Click on the Live Learning section in the navigation tab.

There are 3 methods to select an instructor and start a session.


### Method 1: Clicking on the item on the first page

1. Click on the “Join Session” button corresponding to “Vincenzo Vauez” instructor. This would navigate you to the screen showing you and the instructor, where you are cooking and the instructor is taking a look at your kitchen.
2. Click on the mic icon to mute the call. There’s a message showing that you are on mute.
3. Click on the  icon to unmute the call.
4. Click on the  icon to start recording the call. The recording will start and show a message.
5. Click on the  icon to stop recording the call.
6. It shows a message saying “The recording is saved to MyApps/CulinaryHub/Recordings folder”. Click on the message to hide it.
7. Click on  icon to cut the call. The user is prompted with a confirmation message.
  - a. Optional: Clicking on “No”, returns back to the call.
8. Click on the “Yes”, to end the session.
9. The user is prompted with Rating. Click on the stars to give a 5-star rating.
  - a. Optional: Clicking on the “Skip” button directs you to the list of instructors
10. Click on Submit to return to the list of Instructors page.

### Method 2: Searching for an Instructor

1. Click on the Search bar, the keyboard overlay will come up suggesting that you can type in your search term. (Clicking on the mic button opens a stub to provide voice inputs for search.)
2. Assuming you typed “Vincenzo” (you don’t have to actually type it), click on the Return key on the keyboard. This would show the results for the instructor “Vincenzo”.
3. Click on the “Join Session” button corresponding to “Vincenzo Vauez” instructor. This would navigate you to the screen showing you and the instructor, where you are cooking and the instructor is taking a look at your kitchen.
4. You can explore this page as per steps 2 to 10 in Method 1 mentioned above.

### Method 3: Using the Drop Down Menu

1. Click on the “Cuisine” dropdown. This will show all the possible cuisines. You can hover the options available. (Clicking on any option opens the filtered instructor list. )
2. Select the “Italian” cuisine. Click anywhere on the closed dropdown component  
 to open the filtered list.
3. Click on the “Join Session” button corresponding to “Vincenzo Vauez” instructor. This would navigate you to the screen showing you and the instructor, where you are cooking and the instructor is taking a look at your kitchen.
4. You can explore this page as per steps 2 to 10 in Method 1 mentioned above.

### **Task 3: Smart Scan (Horizontal Prototype):**

Click on the “Smart Scan” section in the navigation tab.

1. On this screen, you can see a visualization of the camera open showing a rack of peaches in the grocery store being scanned.
2. As a result of scanning a rack of ingredients, the app picks out fresh items and also shows some additional information about their calories and storage instructions.
3. Click on the “need help” button to be redirected to a chat screen with the app’s AI assistant chatbot.
4. The bot prompts you with a message stating that it can help you with questions about cooking.
5. Click on the text input button to ask the chatbot a question. (you don’t have to type anything.)
6. Click on the keyboard to send the typed question, you can see the chatbot answering your question.
7. You can click on the back button on the top left of the screen to navigate back to the Smart Scan screen.