

05610 PUI - Section D

Final Project Report

Zijing Lu

#Website Introduction: Cake Tutorial Website

Give a reference to the novice when they want to make a cake roll.

There are two interfaces. The homepage includes an attractive cake roll picture. There is an ingredient list on the homepage too. The ingredients are divided into different categories. When the ingredients are prepared, the audience can jump to the tutorial page. There are illustrations with a detailed bullet-point tutorial.

The website's main color is the cake rolls' color. The cake roll picture on the homepage can persuade the audience that they can make a beautiful cake roll, as shown in the picture, if they follow the tutorials on the website. The interaction with the checklist and progress bar enhances the enjoyment as well.

The targeted audience is the novice who wants to learn to make a basic cake roll.

#Interactions

- Homepage-1
 - Hyperlink
 - Click “prepare ingredients” on the first page of the homepage, then jump to the second page of the homepage to check the ingredients
- Homepage-2
 - Checkbox
 - Click each checkbox after the ingredients on the second page of the homepage
- Homepage-2
 - Change the background color of the hyperlink
 - When all the checkboxes are clicked, the hyperlink “Finished preparing! Let's start making →” background color becomes brown
- Homepage-2
 - Hyperlink
 - Click “Finished preparing! Let's start making →” on the second page of the homepage, then jump to the tutorial interface
- Tutorial Page
 - Progress Bar
 - Click the “NEXT” & “PREVIOUS” buttons to change to different tutorial steps
- Tutorial Page
 - Hyperlink
 - Click the “homepage” button on the tutorial page, then jump to the homepage

#External Tool

- Name of tool
 - JQuery
- Why choose it
 - It is easy to learn compared with other libraries.
 - It can realize the progress bar function effectively.
- How do I use it
 - Wrote three main tutorial steps in HTML.
 - Hide all except the first tutorial steps in CSS.
 - Use JQuery to write functions for the next button and the previous button.
 - For example, for the next button, first activate the next step, show the next step and hide the current step.
- What does it add to my website
 - A smooth progress bar

#Iterations

- The ingredient page is separated from the tutorial steps because I found that people often prepare the ingredients in advance and novices tend first to check what kind of ingredients they need to buy and then decide whether to make the cake roll.
- There is a four-step tutorial (except for the ingredient page) in the original design. However, the existing tutorial has six steps within three main big steps. It provides more detail with the summarized title.
- There are animation illustrations originally. However, both testers thought it could have been more useful as the real picture. I replaced them with real pictures.

#Challenges

- I can't make my design the same as my high-fi prototype.
- Although JQuery is relatively easy, it is still hard to learn at the beginning.
- It took me some time to the responsive Interfaces.