

05610 PUI - Section D

Final Project Report

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#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 a ingredient list on the homepage too. The ingredients are divided into different categories. When the ingredients are prepared, audience can jump to the tutorial page. There are the illustrations with the detailed bullet point tutorial.

The website main color is the cake rolls' color. The cake roll picture on the homepage can persuade 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 enhance the enjoyment as well.

The targeted audience are the novice who want to learn to make a basic cake roll.

#Intractions

- Homepage-1
 - Hyperlink
 - Click “prepare ingredients” on the first page of homepage then jump to the second page of homepage to check ingredients
- Homepage-2
 - Checkbox
 - Click each checkbox after the ingredients on the second page of homepage
- Homepage-2
 - Change the background color of the hyperlink
 - When all the checkbox 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 homepage then jump to the tutorial interface
- Tutorial Page
 - Progress Bar
 - Click the “NEXT” & “PREVIOUS” button to change to different tutorial steps
- Tutorial Page
 - Hyperlink
 - Click “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 library.
 - It can realize the progress bar function effectively with the easing animaion.
- How do I use it
 - Wrote three main divs in html.
 - Hide all except first main div in css.
 - Write functions for the next button and previous button.
 - For example, for the next button, first activate next step, show the next step andhide the current step. Add the easing animation.
- 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 parepare the ingredients in advance and novices tend to first check what kind of ingredients they need to buy and then decide whether to make the cake roll or not.
- There is four-step tutorial (except the ingredient page) in the original design. However, the existing tutorial has six steps within three main big step. It provides more detail with the summarized title.
- There is the animation illustration in the original design. However, testers both thought it was not useful as the real picture. I replaced them with the real pictures.

#Challenges

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