Dynamic Web Design

(2020-2021)[SEM2]

Project name: Global Recipe Collection

Alpha Submission
Assignment 1

URL: Global Recipe Collection (edinburgh.domains)

Group members

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Global Recipe Collection

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- **Introduction**

It is a very common practice that people take picture of their food when they cook new dishes or attend a party. Our main inspiration is to create a platform where people can share authentic recipes from all over the world including ingredients and instructions how to prepare it and also be inspired by navigating others country's recipes. This will empower users to show their creativity. Global Recipe Collection is a website for everyone who fancies about world-foods. This site also allows to share recipes from third party sources like internet, recipe books or magazines including proper referencing of the sources.

- **Design Motivations**

After the brainstorm and discussion, we both agreed to go with the Global Recipe Collection website. Because this is an innovative idea by collects recipes from the nations, aiming to provide authentic recipes to the users.

- **Methodology**

Our main concept is to accumulate authentic global recipes for our viewers. Our target users would be from all over the world, and we tried to make our home page more welcoming to everyone by using different languages to attract our viewers. Besides, large, good quality photos will be presented in the webpage to attract people.

Our initial approach for this project was to explore various recipe-websites from the internet and research about their criteria, selection proceedings. As an user we also critically analyse how to meet viewer's satisfaction, how to improve it to make it user-friendly and feel accustomed to use the website.

- **Execution**

We discussed that Shampi would focus more on graphics design and Jingyi focus more coding. We used GitHub to collaborate and share our work to make the process easy. We also used Figma for our designing prototype process.
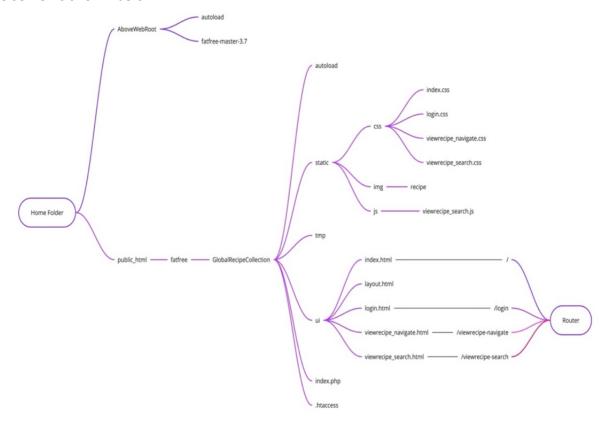
- Design

Two main functions were designed in our webpage: View recipe and create the recipe.

View recipe page contains the recipe navigation page and recipe search page. Different from the common recipe website, the navigation page is designed to randomly push recipes to the users, making users can explore the recipe more easily by just clicking the button.

Create recipe page allows user to upload recipe into the database. To encourage people to upload high-quality photos, we design the 'like' function of the recipe. The higher quality the recipe is, the more 'like' the uploader will receive.

- Development

In the alpha prototype, we want to develop the basic function of webpage: homepage, view recipe (including navigate and search model), and login. According to this, we configured the link between the files and the router in *index.php* according to the f3 framework documentation. In addition to the HTML files in *ui* folder, a new folder called *static* was created to store the corresponding images, *JavaScript* files, and *CSS* file. The file structure on the server is shown below.

Among those three pages, the development of the homepage (index page) and login page is most about *THML* and *CSS* at this stage. The development of the view recipe page is based on the f3 framework. The navigate model requires random extraction of data; the search model requires filter specific content of data.

- ## Individual's roles

Shampi Roy: Write the Alpha project text report, graphics design, 2D animations, website logo, initial html pages, several graphics design contents not been used.

Jingyi Chu: Prototype design; Back-end (f3 framework) coding; Front-end coding (html and css); UI design.

- ## Intended Beta developments

The future-plans are mainly in two areas:

i) Completion of unfinished features - Our unfinished features are on the search page of view recipe needs to be configured with a filter function; a page will be showing the steps of cooking procedure, and in our log in pages we will add an account management page and the related function of registering an account like managing the favourite-recipes If we have enough time.
We will also design a recipe creation page that will allow users to upload their own collection or authentic recipes.

ii) Optimization of completed parts - we will optimize the design of some pages (login page); use AJAX in the view recipe - navigate page to switch between recipes; and some animation effects when buttons are clicked.

- ## Self-critics

We have some unfinished sections for a delayed start to form the group. Our individual workload was also bit higher because we are a team of two. We should deliver the final objective to produce a successful website as a team as we go through the stages of forming, storming, norming and performing in a group by appreciating each other's role better.

Reference:

Images used for web site, link- 3 Million Free Stock Photos & Videos · Pexels