The purpose of my website and the intended user:

Cooking is never an easy thing, especially when cooking a decent Chinese dish. However, the "Jia Chang Bian Fan" website provides a platform for all Chinese food loves to learn to cook Chinese food at home. The name "Jia Chang Bian Fan" means homely food in Chinese. With detailed information and step-by-step instructions, everyone can make delicious food on their own. If users are good at cooking Chinese food, they can also share their valuable recipes on the website and benefit the community.

Several key features to find on the website:

First, Users can browse food recipes through different categories or use the search bar to search for specific content. Second, several tag buttons below the header, which direct users to the most popular categories. Last, logged-in users can rate, share, comment, and save recipes on the website, while anonymous users can only see the scores.
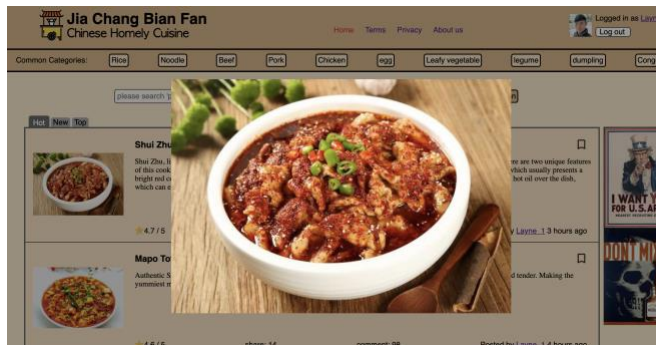
Main actions user can do:

1. User can login or log out on every page. Logged-in user can see more features on the pages.

2. User can click on the sort-cut button on every page, and directly head to the specific category's recipe list.

3. On the home.html page, users can browse different type of recipe list by choosing between "Hot", "New", and "Top" tags.

4. User can search for recipes by using search bar on every page except the add.html page.

5. By clicking on a short-cut button, users are directed to the list.html page and see the specific list.

6. By clicking recipe name on the list page, users are able to see the details of recipe on the detail.html page.

7. Users can rate, share, comment a recipe, and also save it to your own collection on the detail page.

8. By clicking on the "Post recipe" button, users are directed to the page that they can create their own recipe.

9. On the add.html page, after filling out all the text field and uploading an image, click on "Post" button to post a recipe, or press "cancel" button to leave the adding page without saving.

Search bar

I didn't put my search bar in the header for each page. One reason is that my search bar has been designed in the content area since homework 1, and I would have to make a major change on the page layout if I decide to move the search bar to the header. The second reason is that moving my search bar to the header would make all the components in the header huddled together and present a bad appearance.

simulated search keyphrase: pork
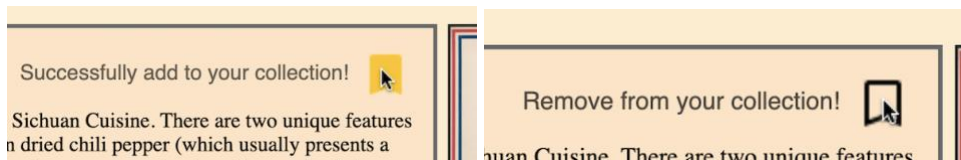
First user interaction

On the home.html, home_alternate.html, and list.html pages. By clicking on any of the pictures that appear in the recipe list, you will see an enlarged picture that allows users to see the details clearly. Click anywhere to return to the page. Click event is used in the JavaScript code.

Second user interaction

On the home_alternate.html and list.html pages, since the user status is logged-in, users will be able to see the bookmark icon on the top-right of a single recipe box in the list. If a user moves his mouse over the icon, it will get bigger. If it is moved out of the icon, the icon restores to the original size. Hover event is used in the JavaScript code.

If a user clicks on the bookmark icon, it turns yellow and a success message shows up on the left. If clicking on the icon which is already yellow, the icon turns black as it originally be. DOM traversal is used. <p> element is created and removed once the icon is clicked.

URL to your web-hosted project3 folder: https://people.cs.vt.edu/laynepu/cs5774/project3/