CMPS 350 Web Development - Assignment 3
Deadline Sunday April 2 @ 1:00 PM

In this assignment, you will create a Recipe Management app that allows users to manage their favorite recipes. You will use the Client JS, Local Storage, and an [external API](#) to build this app. The app should have the following features:

1. **List Recipes**: When the app loads, it should fetch the initial list of recipes from an the following [external API](#) and display them in a grid view. For each recipe, display the image, name, and a brief description. The app should also store the list of recipes in the Local Storage so that the user can still access the recipes when offline.

Figure 1 List Recipes

2. **Add Recipe**: When the user clicks on the add new recipe button, the app should open the *Add Recipe Page* that allows the user to add a new recipe. The user can provide details such as recipe name, ingredients, cooking instructions, and an image of the dish. Once they click on the Add button, the recipe should be saved to the Local Storage, and the app should navigate them to the recipe page where they can see the newly added recipe.

Figure 2 Add Recipe

3. **Update Recipe**: If the user clicks on the update button, the app should open the *Update Recipe Page* and <u>load the details</u> the selected recipe into the form to allow the user to edit the recipe details such as the name, ingredients, cooking instructions, or image. Once they click on the update button, the recipe should be updated in the Local Storage, and the app should navigate them to the recipe page where they can see the updated recipe.

Figure 3 Update Recipe

4. **Delete Recipe**: If the user clicks on the delete button, you should delete the selected recipe from the Local Storage and from the recipes page (i.e., the user should not be able to see the deleted recipe in the recipe grid view anymore).

After you complete the Assignment, fill in the ***TestingDoc-Grading-Sheet.docx*** and save it inside the ***assignment3*** folder. Push your work to your GitHub repository.