**Adv.Front-End Programming - CPAN - 144 - RND**

**Group 5 - Project Documentation**

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| Home Page | You can do the food search here. Input the Food name, Calories, cuisine type and Diet accordingly.        Click Search after inputting your perference.    Then it would display the recipe based on your input.    Click see the recipe. You would see the detail. |
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| Sign Up Page | You can create account in the Sign Up page      Click Sign Up    Signed Up message appears!    if you don’t type id, the message alerts below the page ‘type your id!’  if you don’t type any password, it will ask you to type password    if you create duplicate id, the error messages shows up ‘duplicate id!’ |
| Login Page | when you click login button leaving blank, it fails login      Login Successfully |
| About Us Page |  |
| Add recipe to MyRecipe | After login your account, You can click “Click here to add to your recipes”        The receipt added to My Receipt |
| MyRecipe page | when the user adds 3 items, it will be shown in MyRecipe page      it adds 3 recipes for specific user    when I create new account, there is nothing in MyRecipe page    Each specific user can contain their own recipes. In case if I login to jiwon account again to see if 3 pizzas are remained in that account,      We can see that even if we login to another account, the chosen recipes remain in their account.    This is a recently added function. when you click delete recipe, it will delete the recipe of the specific user. When you create many users, you could see that they all have different recipes and every recipes can be deleted and saved .    For example, if I add three of them with one id    I can delete them when I click it.  I left only this burger in account ‘jiwon’    I picked this three from the other account      It only shows three that I have picked from the other account.  And I even can delete them if I want |
| Compare Recipes | To compare the nutrition of multiple recipes, one must first be logged in.  The user must also have at least one recipe saved in MyRecipe.  Once in the My Recipes page the user can choose to check the box next to the recipes that they want to compare.      The checkboxes that will trigger a function when checked. The function will pass the props of the chosen recipe which will be saved as an array. Checking the box again will remove the array.    When the user has chosen all of the recipes they want to compare with the checkboxes, they then press the comparison button. The button is labeled with a reminder of how it works to aid in useability.    When pressed the button will then send the saved array of arrays up two levels, and then back down two into the Comparison component. This mimics saving data to a backend while only using React. It will also simultaneously navigate to the Comparison component, which can only be accessed in this way.  The Comparison component has a drop down menu of nutrients which can be selected, and will by default display all of the recipes passed to it.      The dropdown options.  Once an option is selected, the recipes will be checked against each other, with the selection from the dropdown passing the value to the comparison function that is identical to the value as saved in the JSON file. “Sodium” for example will pass “NA” to the comparison function. The comparison function saves the passed value as a variable and incorporates it into the JSON address for the recipes. This way when comparing for salt only the values for “NA” will be checked.  The function then loops through all of the values, first checking it against the Maximum number, and continuing on, saving the data from the array with the smallest value of the chosen nutrient whenever one is smaller than the previous value to a variable. Whenever a new smallest value is found, the unit and label data for that array will also be saved for display purposes.  Once all of the values have been iterated through in the for loop, the data from the recipe with the smallest amount of whatever nutrient was chosen will be saved, and the PrintFood component for that recipe will be shown, with added data about the quantity of that particular nutrient.    Lowest salt.    Lowest fat.    Lowest protein. |