**GROUP PROJECT PROPOSAL**

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**Humber College**

CPAN 144: Advanced Front-End Programming - 0NB

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The purpose of this application “Cooking with love” is to let the user search for an ingredient for cooking and display random 20 recipes from a recipe API " <https://developer.edamam.com/edamam-recipe-api>" that has matching ingredient entered by the user. The app also offers personalized meal plans based on your dietary preferences and goals.

The application will contain a Header, a Navigation bar, off canvas navigation bar and footer utilizing bootstrap.

Graphical user interface

Description automatically generated with low confidence

At the top of the page there will be a search bar that will allow the user to enter an ingredient for cooking. A SearchBar component will handle the user entered keyword to search for the data that retrieved from the API.

Once the matching keyword is found, the page will render random 20 images of the Recipes containing the ingredient entered by the user. These images will be rendered in a slideshow using a component Carousel that will allow the user to click through images of different recipes. On top of the image, the name and link to the recipe will be provided.

Once the user clicks on the name of the recipe, utilizing a component DisplayIngredients will handle the displaying of the ingredients required for the recipe. Also, using another component DisplayInstructions will handle displaying of the instructions in making the recipe.

In this application, we are going to use the useRoute hook which is the functional equivalent of <Routes>, but it uses JavaScript objects instead of <Routes> elements to define your routes. These objects have the same properties as normal <Routes> element, but they don't require JSX.

Graphical user interface, application

Description automatically generated

Our app will provide customers with ability to sign-up with us to receive meal plan according to their dietary preferences – these choices will include – a Atkins meal weekly plan, a Keto weekly plan, a Vegan meal weekly plan and a Vegetarian meal weekly plan.

Once signed up customers will have access to recipes required for the planned meals for the week.

Graphical user interface, application, Word

Description automatically generated

In about page, we will give a short summary of our app and the other purpose of this page would be to give credits to the whole team. Here, we will some fun facts about the team members and a short explanation that who did what.

And some design shots of the off-canvas header menu.

Diagram

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Graphical user interface, diagram

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