

# **MADE WITH LEFTOVERS**

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## **OUTLINE OF THE PROJECT**

Made with Leftovers is a project that we developed in the hopes of helping people make cooking easier. The user's will be able to sign into the application and select from a list of ingredients what they have in their homes and once they click generate recipe, they will be able to find recipes with instructions on how to cook them from the ingredients they have selected. We also have a favourite button where users can go to see the recipes that they have liked. We have also given the user an option to add their own recipes on the website and come back to it later. We have a list of trending, seasonal recipes that will be displayed on the homepage where the users can go look up instructions to cook that particular dish. There is also an option for the user to search any dish they want, to make it more fun for the users we have added an additional feature of Spotify, where users can go there and listen to music from a specific cooking playlist that we have provided.

## **CONCEPTS USED**

The concepts you need to understand this project are very simple and self-explanatory. We have tried making all the buttons as visible as possible. We have tried removing ambiguous language and made the english easy and simple to understand. We have used constraints such as if the user does not enter any email id or password while signing in, it immediately provides informative feedback urging the user to enter a valid email and password.

## FUNCTIONALITY OF THE PRODUCT

These are the functionalities of our product:

1. Sign in/Sign out – Which allows the user to sign in/signup and sign out of the web application.
2. Search for dishes – Which allows the user to search for any particular dish.
3. Generating Recipes based on ingredients – Which allows the user to generate a dish based on the available ingredients.
4. Favorites – Hearts recipes and view “hearted” recipes in Favorites tab. This feature is only available when the user is logged in.
5. Add your own recipe – Allows users to add their own recipe.
6. Spotify – Provides a playlist for the users to listen to while using the website.
7. Trending/Seasonal recipes – Shows how to prepare trending/Seasonal Recipes.

## SUPPORTING USER EXPERIENCE

We have tried to incorporate a lot of design ideas that allow a user to have a seamless user experience. We have tried making all the buttons and text as visible as possible, giving it a good contrast. We have tried removing ambiguous language and made the English easy and simple to understand. The flow of the website is made simple and easy enough that it doesn't take a lot to learn how to use the website.

## INTERACTION TYPES

The interaction types used in our product are:

1. Conversing – The search bar allows the user to search for something and the system replies by showing the search results
2. Manipulating – The user can select the ingredients he has thus manipulating the system.

## SOFTWARE USED

For this project we have used, React.js to build the front-end of the website and used MySQL to connect the front-end to the back-end.