

Foodie

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Testing Instructions

Introduction

Foodie is designed to help users to explore the variety of creative recipes using the ingredients in the fridge. Foodie creates a user-friendly platform to allow users to customize and collect recipes with their own ingredients. Foodie is aimed to replace most recipe apps out there which, in general, are recipe-based. This ingredient-based recipe app allows the users to customize their ingredients and find the right recipes for them.

System Requirement

Any modern web browser

Test Setup

The test server supplied by the development team will contain no initial user account, so please create it on you own. Happy debugging!

Program Structure

Login/Signup

The login/signup module contains the following functionalities:

- Create an account with a valid email/Facebook/Google
- Sign in with email and password
- Change password after signed in
- Reset password when user forgets password
- Sign out

[Close](#)

[Sign in with Facebook](#)
[Sign in with Google](#)

— or —

Email

Password

[Sign in](#)

[Forgot password](#) [Create account](#)

Search

The search module contains the following functionalities:

The screenshot shows the 'Foodie' search interface. At the top, there are navigation links for 'Profile', 'Search', 'Saved Recipes', and a user profile 'sun515@purdue.edu'. Below the navigation, there are buttons for 'Recipe Library' and 'By My Recipe'. A search bar contains the text 'pork'. Below the search bar are two dropdown menus: 'Choose Diet' and 'Choose Health'. The search results are displayed in a table with the following data:

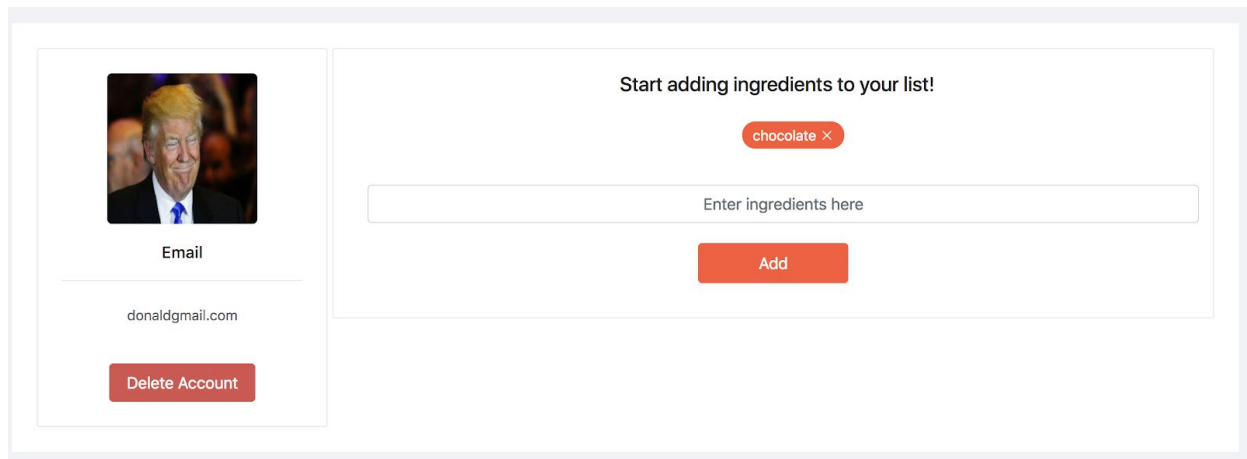
Dish Name	Calories	Health	Diet
Pandan Wrapped Roast Pork	3618	Sugar-Conscious Peanut-Free Tree-Nut-Free Alcohol-Free	Low-Carb
Crispy Pork Cracklings Recipe	1204	Sugar-Conscious Peanut-Free Tree-Nut-Free Alcohol-Free	Low-Carb
Pork Loin Roast	1333	Sugar-Conscious Peanut-Free Tree-Nut-Free Alcohol-Free	Low-Carb
Pork Rillettes	7268	Sugar-Conscious Peanut-Free Tree-Nut-Free Alcohol-Free	Low-Carb
Sticky Pork	1164	Peanut-Free Tree-Nut-Free Alcohol-Free	Low-Carb

[More](#)

- Search the recipes by entering the keywords of ingredients
- Search the recipes based on the ingredients user has on his/her Profile Page
- Load five more new recipes each time when "More" button is clicked
- Filter the results of recipes by type of Diet
- Filter the results of recipes by Health Level
- Display the name, calories, health tag and diet type of each recipe

Profile

The profile module contains the following functionalities:



- Display of user avatar, user email and ingredients
- Change avatar
- Delete account
- Add ingredients to list
- Remove ingredients from list

Saved Recipe

The saved recipe module contains the following functionalities:

- Display of save recipe information
- Routing to each saved recipe

Detailed Recipe

The detailed recipe module contains the following functionalities:

Granador By NY Magazine

Vegan Vegetarian Peanut-Free Tree-Nut-Free Low-Fat Poisonous 149 calories

♥ 📄 👁 36 views

More about the recipe

Ingredients	Nutrients
1/2 teaspoon pomegranate molasses (available at kalustyan's, 123 lexington avenue)	Calcium 22 mg
1 ounce gran torres (orange liqueur; available at union square wines, 33 union square west)	Iron 0 mg
5 ounces prosecco (cava can be substituted)	Potassium 180 mg
Garnish: twist of orange peel	Magnesium 25 mg
	Sodium 9 mg

🗑 = Not in your ingredients list*

See Detail >

- Display of a picture of the recipe
- Display of title, author, health labels, diet labels, views, ingredients and nutrients of the recipe
- Ability to like the recipe
- Ability to save the recipe
- Icon that shows which ingredients are needed
- Link to the original recipe web page
- Comment and reply

Basic Operation

The following explains the common end user interaction with our web application.

Login/Signup

Scenario 1:

- Sign up with email, Facebook or Google if the user doesn't have an account
- After sign up, sign in with credentials

Scenario 2:

- If the user has forget his/her password, click on "Forget Password"
- User will be redirected to a web page to reset his/her password
- Sign in with new password

Profile

Scenario 1:

- User can set or change his/her avatar photo via uploading
- User can add or remove ingredients to his/her list

Scenario 2:

- If the user no longer wants to keep his/her account, click on the "Delete Account" button
- Confirm by clicking "OK"

Search

Scenario 1:

- User can search the recipes by entering the keywords of ingredients
- User can search the recipes based on the ingredients user has on his/her Profile Page

Scenario 2:

- User can click "More" button to Load five more new recipes each time

Scenario 3:

- User can filter the results of recipes by selecting the type of Diet
- User can filter the results of recipes by selecting the Health Level

Detailed Recipe

Scenario 1:

- User can view all the related information of the recipe
- User can click on "See Details" to be redirected to the original recipe web page
- User can like the recipe by clicking on the heart icon, then he/she can also cancel the like by clicking on the icon again
- User can save the recipe by clicking on the hard drive icon

Scenario 2:

- User can add comments to a recipe by clicking on the "Add Comment" button
- User can reply to an existing comment by clicking on the "Reply" button
- User can edit his/her comment by clicking on the "Edit" button then the user can confirm by clicking on the "Save" button
- User can like another comment by clicking on the "Like" button
- User can remove his/her comment by clicking on the "Remove" button

Saved Recipe

Scenario 1:

- User can view all the saved recipes
- User can click on a recipe he/she would like to explore and he/she will be redirected to the detailed recipe page of that recipe

Test Website Information

URL

<https://foodie-purdue.herokuapp.com/>

Test Accounts

No test account will be provided. You should start testing the app by creating your own user accounts

Limitation

API request: 5 queries per minute

Avatar File: png/jpg/jpeg file only, with maximum size of exactly 1 MiB

File system: uploaded avatar will be removed by the file system within several hours

