

Foodie

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Team members:

Guocheng Wei, Jiayi Kou, Yuchen Zhang, Zhaoya Sun

Problem Statement:

Have you ever found yourself looking into the fridge but had no idea what can be done with the ingredients? With Foodie, you will be able to explore a variety of creative recipes designed just for the ingredients found in your fridge! Foodie also creates a platform for you to customize and collect personalized recipes with your chosen ingredients. Most of the recipe apps out there are recipe-based and the users have to prepare the ingredients if they want to follow a recipe. Foodie thinks otherwise. This ingredient-based recipe app allows the users to customize their ingredients and find the right recipes for them.

Objectives:

- To develop a web application that allows individuals to learn about what dishes can be done with the ingredients found in their fridge
- Foodie provides healthy recipe solutions for user with chosen ingredients
- Foodie can provide detailed nutrition information of the recipe and step to step instructions
- Foodie will help the users better track the ingredients in their fridge and make smart cooking decisions
- Each user will have their own personal profile with recipe and ingredient information
- Users will be able to save their favorite recipes to a liking list
- Suggest what ingredients the users need to buy when they find the recipe
- Users will be able to create personal recipes and share with other users

Stakeholders:

- Project Manager: Yuchen Zhang
- Development Manager: the coordinator of our team for this project.
- Users/Customers: Any individual who has interests in food or cooking
- Software Developers: Guocheng Wei, Jiayi Kou, Yuchen Zhang, Zhaoya Sun

- Project Owners: Our team, who has this idea and develops it, will have the ownership of this project.

Deliverables:

- An interactive web application for individuals to explore a variety of recipes with the ingredients in their fridges.
- Frontend using HTML5, CSS3, Materialize UI, React
- Backend using Meteor.js with built-in MongoDB
- User authentication with Google and Facebook account
- Ingredients API from Edamam
- Deploy to cloud platform as a service to host and manage our application