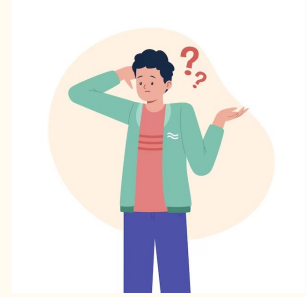




Delicious Recipe Generator

Group Name: NINJA CHEFS

Picture this: you have random ingredients in your cupboard at the end of the week and you have no idea what to make for dinner.



Our solution? An innovative front-end application that not only provides meal ideas based on your food choices but also stores your favorite recipes.

Powered by Bootstrap and utilizing two server-side APIs, this app ensures an intuitive, polished user experience. No more bland dinners! This is not just a meal planner; it's your culinary companion for a delicious and nutritious journey. Welcome to the Delicious Recipe Generator: your solution to creative and appetizing meals!"

Concept (user story, motivation for development)

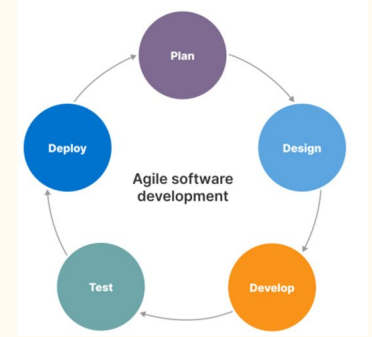
AS a hungry person with almost empty cupboards.

I WANT to be able to get ideas for meals.

SO THAT I can make myself an edible and nutritious meal for dinner.

The motivation behind our application stems from the real-life challenges faced by people everywhere. Too many times do we find ourselves with a few ingredients but not knowing what to make with them. Our goal is to empower users, providing them with a tool that not only suggests creative recipes based on available ingredients but also stores their favorite concoctions, thus solving the perpetual question: "What's for dinner tonight?"

Process: *Agile Software Development*



Plan:

Discussion of possible ideas.

Wireframe plan.

Task breakdown.

Research of API options.

Kanban Boards. Issues.

Design:

Worked on aesthetics through HTML and CSS, beginning with placeholders, feedback to group and made changes accordingly.

Develop:

Testing out APIs, reading API documentation, developing functionality.

Styling fed back to group, advice/suggestions taken on board and developed further.

Test:

Frequent testing of JavaScript/& API functionality and styling of HTML and CSS throughout.

Git Pull Requests tested before merges made.

Process: *Technologies* (assisting agile development)

- **GitHub** Repository & collaborators, rules for commits and pushes.
- Use of **Git Bash**: Git Branching to help with workflow and collaboration.
- Use of **VS Code**
- Rapid API/ API Ninjas to search for **APIs**.
- **Canva- Graphic Design Platform** to make website logo.
- **Web-Browser inspectors** to run, test, and debug code.
- **Version control** using Git pull requests, merges & conflict resolution.

Process: *Challenges and Successes*

Challenges:

Merge conflicts

Modal

Successes:

Logical file structure and code structure

Consistent styling across all pages

Dynamically generated displays

Demonstration:

1. Explain homepage (nav bar, logo, search bar, jumbotron, get recipe, footer, placeholders, media queries) **Eram**
2. Explain what's in your fridge? Ingredients: arrays, dynamically displayed - demo entering and pressing get recipes button. **Celia**
3. Recipes page: population of page. Nutrition button. **Gloria**
4. Save button. Save page. **Joe**

Future Development:

- Further options - e.g. herbs and spices array
- Remove recipe button from saved recipes
- Image API
- Trending Recipes tab
- Dessert recipe generator

Deployment:

Repository link:

<https://github.com/nonebula/delicious-recipe-generator>

Project link:

<https://nonebula.github.io/delicious-recipe-generator/>