

EASY EATS

The Recipe Generator

What is Easy Eats?

A nutrition-based program that generates 20 tailored recipes based on the user's input. Easy Eats aims to help users improve awareness of nutritional information in an efficient way and provide tasty recipes.



USER INPUTS

PRIMARY INGREDIENTS

Key ingredients that they want to include in their recipe

DIETARY PREFERENCES

A drop-down menu that provides options such as vegan

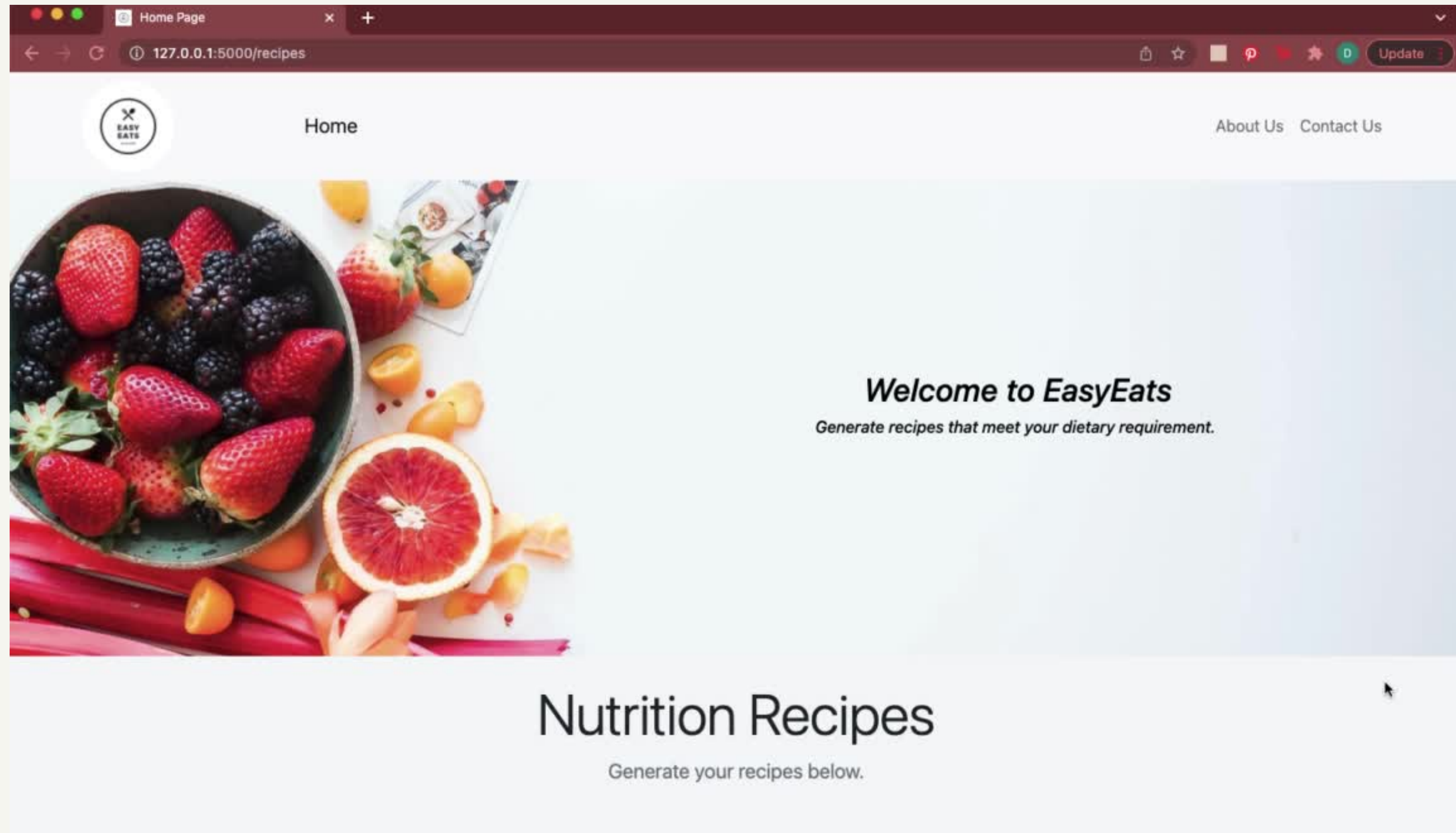
HEALTH REQUIREMENTS

A drop-down menu that provides options such as dairy-free

EXCLUDED INGREDIENTS

Ingredients that the user would like to exclude from their recipe

Demo

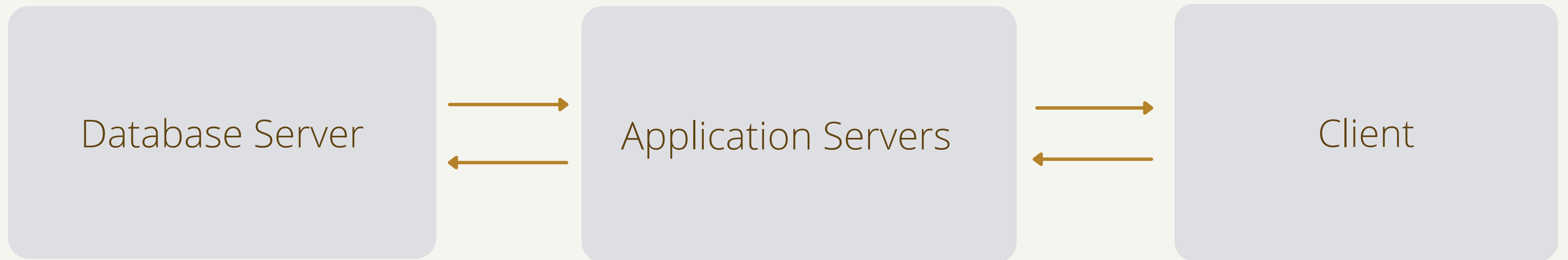


Edamam API

The Edamam is a REST API that allow users to search for recipes matching the specified query. It returns a number of nutritional values of the recipes.



ARCHITECTURE



Agile Development Approach

SLACK

Slack space to communicate daily, send updates, zoom meeting links and drafts

TRELLO

Scrum board to update project development, create user stories and requirement backlog.

NOTION

Documenting meeting notes and additional documents

ZOOM

Daily scrums lasting up to 30 minutes

Trello

Workspaces

Recent

Starred

Templates

Create

Search

AM

Board

Scrum board

Private Workspace

Workspace visible

AM DM M SM O

Invite

Automation

Filter

Show menu

User Stories

As a user I want to be able to see how long a recipe takes before I commit.

As a user I want to be able to see the nutritional values of the meal.

As a user, I want to be able to put in my allergies and have recipes that exclude those allergies

As a user, I want to see what ratings other users gave to the recipes and be able to leave my review

As a user, I want to exclude ingredients my children don't like

As a user, I want to visually see how the recipe looks like before committing to making it

As a user, I want to

Add a card

Backlog

Backlog

Backlog

1

[Example task]

Testing: Flask, API, database, manual UI testing

-Code review

Assign everyone a part of project documentation

Add a card

Requirements

Design

Research

1

[Example task with designs]

What we want the app to achieve:

1) insert allergy, ingredients, dietary requirements, health and generate recipes

2) save the recipes you can have under specific allergies -> can refer to them later

3) potentially have a way to clear the user interface -> so it is clean before searching

3) interface where we can type in the

Add a card

To Do

To-Do

To Do

1

Add a card

Doing

Doing

Doing

1

Add classes to API

Front-end: HTML Recipe page

Project document

Database: CSV

Pre-stored recipes in database

API filtering - calories

Add exception handling including 404/500 error pages

Connect API to DB or python file -

Add a card

Code Review

Code

Code Review

1

This list has the Li enabled, to help t and remove bottl picking up new w highlighted if the passes the limit th determines basec

Code review API c

Code review testi

Code review HTM

Code review fron API

Add a card

Limitations and Database

- Linking the database to the flask app.
- Access to previous recipes
- Feature to favourite recipes
- No. of recipes
- Rating and reviews

THANK YOU!

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