KOMODO™

Senior Software Engineer Exercise

Introduction

Recipe Realm is a new web application that helps people discover and collect food recipes. Your task is to create features that allow users to see their recipes and arrange them in lists.

User Stories

➢ A user can browse all available recipes.
➢ A user can create a custom list to contain recipes. Each list has a title and zero or more recipes.
➢ A user can add and remove recipes from a custom list.
➢ A user can browse a custom list of recipes.

Technical Details

Backend

➢ Develop an API endpoint that provides a list of users' recipes.
➢ Develop an API endpoint to add a recipe to a new or existing list.
➢ Develop an API endpoint to create a new receipt list.

Frontend

➢ Build a Recipes page which presents all recipes.
➢ Display the details of a recipe in whichever format is appropriate.
➢ Build My Lists page, which presents all user-created lists, with each list appearing as a horizontal list with a title and its associated recipes.
➢ Implement a feature on the recipe details view which enables users to add a recipe to a new or existing list.

Technology Choices

➢ For the frontend, choose any UI framework you are comfortable with.
➢ Preferred backend languages: Node.js with TypeScript.
➢ Custom recipe lists should be stored on the API, although it is not required for the lists to persist through API restarts. No database is required.

Deliverable

➢ A GitHub repository of the complete implementation.
➢ A comprehensive README file detailing an overview of technologies used, the project setup, and how to run the application.

Provided to Candidate

A JSON file with recipe metadata. [Here](#)