University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 3

Date: March 10 2024

Group Number: 66

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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

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Summary of Project

The domain of the application is in the culinary area. It will cover entities like recipes, ingredients, and ratings. This database will be for recipes for restaurants and individual use. The app will try to provide a platform for managing and sharing recipes among professional and amateur chefs. Users can search, browse, filter and upload recipes based on dietary restrictions, cuisine type, or difficulty level.

Timeline

Week 1 (Due March 17th):

Database Design: Define Schema - Team
Define tables for recipes, ingredients, categories, etc. based on ta feedback

Backend Development: Query Operations (can extend into week 2, but start in week) - Team
Implement Create, Update, Delete operations for recipes, ingredients, and categories.

Frontend Development: Initial UI Design - Roberto
Design basic UI layout and navigation structure.

Data Collection: Gather Sample Recipes - Brendan
Collect a set of sample recipes to populate the database.

Week 2 (Due March 24th):

Frontend Development: Detailed UI Design - Roberto
Refine UI elements, add styling, and improve user experience.

Backend Development: Search Functionality - Zehao
Implement search functionality for recipes based on keywords, ingredients, and categories.

User Authentication: Implement Sign Up/Login - Brendan
Develop a user authentication system to allow users to sign up, log in, and manage their profiles.

Week 3 (Due March 31st):

Backend Development: Advanced Filtering - Zehao, Brendan
Implement advanced filtering options for recipes (e.g., dietary preferences, cooking time).

Frontend Development: Recipe Display - Roberto
Design and implement recipe display page with detailed instructions and images.

Quality Assurance: Testing - Team
Conduct thorough testing of all features to ensure functionality and identify any bugs or issues.

Project Demo Preparation- Team