University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: <u>1</u>

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Group Number: <u>4</u>

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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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Project Description

"EatHub'' is an application that will allow users to easily track their recipes and manage all aspects of the recipe creation process. This platform is within the domain of culinary and recipe management.

In the domain, the application will model the following aspects:

1. **Recipe Information**: At its core, the application will store information about different recipes, their ingredients and quantities.
2. **Collaboration and Version Control**: Users will be able to adjust different aspects of the recipe and share it with those who they dine with frequently to collaborate and improve the recipe to their collective and personal tastes.
3. **Ingredient Management**: Different recipes, and their versions may have varying ingredients depending on users' preference, dietary restrictions, and availability.

Database Specifications

The database will allow users to create, edit, clone, fork, and share their favorite recipe. It will include features such as categorization of recipes, ingredient tracking, cooking instructions, nutritional information, and the ability to collaborate with other users on recipe improvements or adaptations. The user will also be able to access past versions of their recipes if needed.

Application Platform

Our project will use MySQL for the database. Our expected application technology stack is to use TypeScript and Node.js for the backend component, and HTML, CSS, and React for the frontend component.

ER Diagram

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