

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 06

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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

2.a. The domain of the application lies in the culinary field focusing on meal planning and recipe sharing. A recipe sharing platform would benefit from a database structure as it would allow for users to easily and efficiently access all the needed information for each of their meals.

2.b. The database will manage users, recipes, ingredients, feedback, descriptors, terminology and grocery stores. This recipe-sharing website provides a platform for integrating meal planning and grocery shopping. Users can easily navigate recipes according to their needs and restrictions. While planning meals, users can easily find stores to purchase ingredients, which saves them time and makes the process more efficient. The website can be used to build a community by supporting user interaction, where users share their recipes and ideas. For example, a busy vegetarian can search for suitable recipes easily using the appropriate tag. After finding a recipe, they might not have a particular ingredient, but this website suggests substitutions. However, if they decide to buy the ingredients, the website shows where they can buy them without doing additional research. Hence, this makes trying new recipes more accessible and convenient. Additionally, they can rate and comment on the recipe, sharing their experience with the community.

3. Our primary purpose is to let people access one place where they can find everything they would need to cook their favorite dishes or even try to make new dishes. The recipes, the ingredients needed, substitutes, best places they can buy items required in the recipe, reviews about the recipe including other people's experiences with it. People can look for recipes based on the ingredients they have, cuisine preferences and dietary and time restrictions. Another use can be looking for the best nearby place to buy missing items. They can also rate and view other people's reviews of a particular recipe.

4. Our primary language is Javascript. On the backend, we'll be using Node.js with Express framework and the oracledb module. On the frontend we'll be using HTML and Javascript and CSS. This combined tech stack will form a website.

