University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number:

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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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What is the domain of the application?

Personal Health Management

What aspects of the domain are modeled by the database?

- Daily macro intake logging and monitoring
- Tracking different goals based on the user's situation (height, weight, etc.)
- Recipe Guidance

Database specifications (3-5 sentences)
Users can log and monitor their daily macro intake based on pre-existing recipes that they consume, and the exercises they perform. They may create new recipes using a list of either new or pre-populated ingredients, each with their own macros specified to make it easier to control their daily intake. This will aid them in different goals they may be pursuing, such as weight loss or decreasing their insulin level. The database will include different classes that a user can optionally be a part of, such as a bodybuilder or their status as a diabetic person.

Description of the application platform:
1. DBMS: Supabase
2. Frontend: React
3. Backend: NodeJS
4. Code Versioning: Github

ER Diagram: