

University of British Columbia, Vancouver

Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 3

Date: March 13, 2024

Group Number: 71

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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

1. Brief Project Description

The project represents data being collected by a wearable device that provides qualitative and quantitative insights and recommendations to the user. The statistical data will include aspects such as personal goals, sleep patterns, and recovery metrics, then it will provide insights based on collected data to enhance the user experience. Not to mention, data propagated by the user about nutrition can be analyzed by the device and included in the insights provided.

2. Task Timeline and Breakdown

Timeline

Task	Assigned Member	Deadline
Determine how to implement frontend and backend sides for the following: INSERT, DELETE, UPDATE, SELECTION, DIVISION, PROJECTION, JOIN, and AGGREGATION	All members	March 18
Determine full-stack development and structure for how both frontend and backend connects	All members	March 20
Start development on the SQL script that will create the table and data.	Seif	March 25
Implement INSERT and DELETE with an appropriate textbox for each attribute of an entry.	Frontend: Seif Backend: Omar & Zaid	March 27
Implement UPDATE, SELECTION, and PROJECTION for front-end and back-end	Frontend: Zaid Backend: Omar	March 30
Implement JOIN, AGGREGATE, and DIVISION	Frontend: Omar Backend: Seif & Zaid	April 1
Complete SQL script implementation and testing	Seif	April 2
Connect frontend to backend	Zaid	April 3
Finish integration tests and full end-to-end tests	Omar	April 4
Finish the documentation required for Milestone 4 and submit the assignment.	All Members	April 5