

CPSC 304 Project Cover Page

Milestone #: 3

Date: 03/10 2024

Group Number: 53

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
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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

A brief project description:

The aim of the programme is to create a database for food searches and health issues that can be used to retrieve whether food ingredients from different sources are healthy or not. The research area of the project is food science, especially food health and food safety as it relates to humans. The programme here identifies which nutrients are present in this food and which food services can offer it. In this case, this database can then be used to prove the nutritional value of the food on the menu and to suggest some specific requirements for the food that will be consumed, such as the recommendations of a restaurant or grocery shop.

Timeline and Task Breakdown

- ❖ Task 0 Brainstorm and Discussion and Database Set up
 - Coming up with the functionalities of the project and how will the users interact with the database(GUI), what are the queries needed for specific functionalities and how will they be implemented using SQL. Then set up the oracle database for the project,
 - Person(s) in Charge: All
 - Due: March 13
- ❖ Task 1: Create Tables
 - Create all the tables in our database management project using SQL DDL, then concatenate to a single SQL script.
 - Person in Charge: Ryan Ge
 - Due: March 15
- ❖ Task 2: Insert
 - Populate each table with a reasonable amount of meaningful tuples for queries using INSERT statements.
 - Person in Charge: Ryan Ge
 - Due: March 17
- ❖ Task 3: Frontend Development
 - Implement the frontend of the project using React library to show the user interface with expected components. Make the interactive interface friendly and easy to use.
 - Person in Charge: Roger Qi
 - Due: March 24
- ❖ Task 4: Backend API
 - Implement the backend API to connect to the database using PHP to operate requests and get responses.
 - Person in Charge: Ernest Gao
 - Due: March 24

- ❖ Task 5: Linking Frontend and Backend
 - Making the frontend and backend of the project compatible with each other to perform the anticipated functionality.
 - Person in Charge: Ernest Gao, Roger Qi
 - Due: Mar 29
- ❖ Task 6: Testing
 - Test the application, make sure it behaves as expected, and fix the bugs if not behaving properly
 - Person in Charge: All
 - Due: March 31
- ❖ Task 7: Cover page, the pdf of schema and README file for submission
 - Create the cover page, the readme file of the application, and the pdf file required in Milestone 4.
 - Person in Charge: All
 - Due: April 1
- ❖ Task 8: Final Submission and Prepare for DEMO
 - Submit the project and practice for the final demonstration of the project.
 - Person in Charge: All
 - Due: April 5