University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: ___3____

Date: ___March 7, 2024___

Group Number: ____24_____

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
Katherine Poon	90607425	o1w1j	katherinepoon12345@gmail.com
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By typing our names and stu1dent 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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Brief Project Summary (2-3 sentences)

Our project focuses on developing a platform for the culinary industry, particularly gourmet dining and restaurant management in Vancouver. It aims to include Michelin-rated restaurants with details on chefs, specialty dishes, and user reviews to facilitate informed dining decisions. The application allows users to write reviews, access others' reviews, explore restaurants based on various criteria, and discover local chefs, enhancing accessibility and engagement within the gourmet restaurant scene.

Timeline and Task Breakdown/Assignment

Task	Description	Assigned To	Finish By
Create a SQL script	- A single SQL script to create all tables and data in the database	Maya, Inaki	March 19th
Implement Backend to Be Able to Communicate with Oracle DBMS	- Create SQL queries to send to DB - Able to formulate response from data given by DB	Katherine, Inaki	March 19th
README.txt	- Create a README.txt file describing the project	Katherine	March 19th - Will edit before the deadline in case any changes occur. All dates are subject to change and plan to consult with TA if something happens.
Implement All Query Types	- INSERT, DELETE, UPDATE, Selection, Projection, Join, Aggregation with GROUP BY, Aggregation with HAVING, Nested Aggregation with GROUP BY,	Maya, Inaki	March 19th

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	Division		
Create GUI Layout	- User typable text box for search - Dropdowns for various attributes to query (eg. PriceRange, CuisineType, etc.) - Buttons to submit/exit	Maya, Inaki	March 24th
Set Up Backend Server	- Be able to receive requests from frontend - Can send response to frontend	Katherine, Inaki	March 24th
Connect Frontend to Backend	- Frontend needs to send requests to backend server	Katherine, Inaki	March 24th
Implement Display of Query Results in GUI	- Frontend needs to update GUI to show response from backend in a user-friendly way	Maya, Inaki	March 24th
Implement Basic Error Handling	- The user receives notifications about user errors such as trying to insert a duplicate value, invalid input, etc.	Maya, Katherine, Inaki	March 30th-31st
User Notification	- The user will receive a success or failure notification upon the completion of an insert, update, delete action	Maya, Katherine, Inaki	March 30th-31st
Prepare Poject Demo	- Run through	Maya, Katherine,	In the week before

	functionalities - Prepare responses for TA questions	Inaki	the actual demo

Challenges / Things left to do:
- Our team is still uncertain about how we should put everything together in terms of implementation. We are aware a lot of the material will be covered in the tutorials, however, these are the things that have us the most concerned:
  - Linking frontend to backend, interaction with oracle and SQL, and need for a refresher for Java
  - Meeting the deadlines by the time specified in the timeline. We know that it is a busy time for every member in our team, so we are a bit concerned about being punished if certain deliverables despite being ready by the next milestone are not ready at the time we ourselves stated.
  - Getting a consistent tempo within the team to make work seamless and efficient.
  - Implementing APIs or libraries into our project that we have no experience with.