CPSC 304 Project

Milestone #: 3

Date: March 9, 2023

Group Number: 35

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
Manek Gujral	27255066	r7g3b	manekgujral11@gmail.com
Kaiti Mok Rong	16915143	a1o2b	kmr.source@gmail.com
Kush Arora	77714640	l8i3b	kusharora339@gmail.com

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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Project Summary

Food Delivery Application will be the domain for our project. The domain will focus on customer and delivery management logistics, primarily on the data exchanged between the users and restaurants. The goal of our project is to identify how long it takes on average for a food order to be placed, prepared, and delivered from a restaurant to its customers, as well as how payments are made by customers and received by the restaurants and drivers. Customers can also provide feedback to restaurants. Orders can also have complaints made by the user.

Tentative Timeline and Task Assignment

Week/Starting Date	Tasks	Task Assignment
1 (13 March, 2023)	1. Frontend Research and prototyping of screens 2. Start basic GUI implementation 3. Database setup 4. Backend queries (CREATE, INSERT, DELETE, UPDATE)	1. All team members 2. Kaiti 3. All team members 4. CREATE, INSERT : Manek 4. DELETE, UPDATE : Kush
2 (20 March, 2023)	1. Frontend implementation continue with basic GUI 2. Continue backend queries (SELECTION, PROJECTION, JOIN, AGGREGATION WITH GROUP BY, AGGREGATION WITH HAVING)	1. Kush 2. SELECTION, PROJECTION: Kaiti 2. JOIN: Kush 2. AGGREGATIONS: Manek

3 (27 March, 2023)	1. Aim to finish most GUI implementation and starting integrating with backend 2. Aim to complete backend queries (NESTED AGGREGATION WITH HAVING, NESTED AGGREGATION WITH GROUP BY, DIVISION) 3. Start testing queries (manual testing for now)	1. Manek 2. NESTED AGGREGATION WITH HAVING - Manek 2. NESTED AGGREGATION WITH GROUP BY - Kaiti 2. DIVISION - Kush 3. Kush
4 (3 April, 2023)	1. Test endpoint integration for frontend features 2. Continue testing backend queries 3. General user notifications for Error handling 4. Data sanitization 5. Readme doc & documentation of queries & UI functionality (screenshots)	1. Kaiti, Kush 2. Manek, Kush 3. Manek 4. Kush 5. All team members
5 (10 April, 2023)	1. Last check to make sure no deliverables have changed since April 5th 2. Meeting all of milestone 5 & 6 requirements 3. Running test on the	1. All team members 2. All team members 3. All team members 4. All team members

	system to ensure everything works correctly 4. Make sure everything is setup before the demo	

Description of challenges/things left to do

Challenges	Discussion/Tasks
Complexity of our UI	● Make sure we meet the minimum requirements for GUI and the GUI doesn't include SQL syntax
SQL queries	● Ensure our queries meet milestone 4 & 5 requirements ● Ensure our queries are complex enough
Connecting backend (database) to our frontend (UI)	● The integration of our database to our UI
Meeting deliverable deadlines	● Ensure that all our deliverables for milestone 4 & 5 meet the 2 business day deliverable deadlines
UI Page design	● Ensure our UI pages are user friendly and links to all of our queries ● Increase the design/ quality of our UI if time permits
Time constraint	● Ensure all member roughly meet the deadlines in the timeline so project deliverables are done on time
Testing	● Design test at the end to ensure all queries are correct & database/ UI runs smoothly