CPSC 304 Project Cover Page

Milestone #: 3
Date: Mar 9, 2023

Group Number: 197

Name	Student Number	CS Alias (Userid)	Preferred Email Address
Colis Cheng	25934150	U6N0B	colischeng@gmail.com
Kathy Khong	71453039	Q3H2B	kaathykhong@gmail.com
Kaushik Kolla	74167503	H9K3B	kolla.kaushik123@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

1. A brief (~2-3 sentences) summary of your project. Many of your TAs are managing multiple projects so this will help them remember details about your project. You can reuse the summary from milestone 2.

From Milestone 2: "Our team is modeling the design of Leetcode, the data structures and algorithms interview preparation website. We model the distinction between paid and non-paid members and access to questions, curated solutions, and community generated solutions."

2. Timeline and task breakdown/assignment: The breakdown should be at a level of detail that demonstrates that the group has spent time meaningfully considering what there is left to do. Note that we are not asking you to predict every single possible task that you will need to do. We want to see that the group understands the scope of what is left to do and is prepared to accomplish the remaining tasks in a reasonable manner.

Each task should be specifically assigned to a group member (or combination of group members). It is in your best interest to be as explicit as possible about who will work on what. In the event that there is a dispute between group members, this is one of the first things the course staff will look at when evaluating the situation. If it is clear to us what has been agreed on, it will speed up the process of conflict resolution.

Unless otherwise stated, it is assumed that all group members will work equally on the project. This does not mean that everyone needs to work on each task together. This means that the overall division of the work is equal. If this is not the case, state the work percentage breakdown for each member. This will serve as a written acknowledgement between all group members that there will be an uneven distribution of work. The member who does not do their fair share of work will have a penalty applied to their final project grade.

While each member is not expected to know about every single line of code in the project, it is expected that all members can talk about the overall architecture of the project.

The timeline should contain enough detail for your project mentor to determine that you understand that you need to produce a GUI for your full project.

Our team will follow an end-to-end approach, where each person is expected to take ownership of completing both the front-end and back-end of a particular set of queries/tasks. Our team will be using Java Swing for the front-end, and Java for the backend.

From the rubric of Milestone 5:

Breakdown of Tasks/Assignments

Kaushik Kolla:
  - Queries/Tasks to work on: INSERT, DELETE, UPDATE, User Notifications
Kathy Khong:
  - Queries/Tasks to work on: Selection, Projection, Join, Basic Error Handling
Colis Cheng
  - Queries/Tasks to work on: Aggregation with GROUP BY, Aggregation with HAVING, Nested Aggregation with GROUP BY, Division

Our team will also have a design meeting prior to our TA Check-In meeting to make sure we have a shared idea for the frontend that will not create conflicts (i.e. what kind of buttons and drop down will do what).

Each team member will also take ownership of their respective queries/tasks in the Milestone 4 report.

Timeline:

Week	# of Tasks to complete
March 12 - 18	2 Queries/Tasks (Frontend + Backend)
March 19 - 25	1 Query/Task due to Midterm 2 (FE + BE)
March 26 - April 1	1 Query (FE + BE) and remaining individual tasks
April 2 - 5	Final refinement, report submission, practicing/setup for demo

3. The deliverables from milestones 1 and 2 have been added to the repository.

This task has been completed.

4. Each group member has made a commit to the repository. The commits do not have to be code related. For example, one group member can commit the milestone 1 deliverables, another the milestone 2 deliverables, and the third member the milestone 3 timeline.

During the meeting, your project mentor may ask each group member to demonstrate that they are able to make a commit. It is in your best interest to get everything set up now. In the event of a group dispute or disagreement over the level of contribution made by each member, we will be looking at the commit history. Git is an essential skill and this is a great way to get some practice at using it in a group context.

This task has been completed.