University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 03

Date: 2025/07/24

Group Number: 4

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
Hejia Qiu	55761555	hqiu09	q9month@163.com
Alice Peng	95587275	apeng09	alice.peng129@gmail.com
Yinuo Sun (Preferred: Enora Sun)	83070482	ysun137	enorasun1120@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

Milestone 3

Summary:

Our project focuses on the data related to influencers on social media and their collaboration with sponsors and agencies. The application enables people to view, manipulate, and analyze data over brand deals, social media posts, influencers, etc.

Functionality we are aiming for:
- Required queries:
    - INSERT
    - DELETE
    - UPDATE
    - Selection
    - Projection
    - Join
    - Aggregation with group by
    - Aggregation with having
    - Nested aggregation with group by
    - Division

Timeline:

Tasks	Deadline	Assignment	Challenges and backup plan
Double check on requirement, confirm on tasks needed (transform into userstory if needed); Decide on what queries backend need to handle and front end need to send to complete all the functionalities we want	2025/07/26	Everyone (we've decided to work on the project end-to-end, so each person will do a portion of each section. We will divide the specific tasks (eg. who codes for which queries) when we get to each step	There might be some functionality that requires complex query. We will either do some research or go to OH for help when needed
Have a draft UI design sketch	2025/07/26	Everyone	-
SQL script to create all tables and data in the database	2025/07/26	Everyone	-
Coding for backend controllers (send request to DB, receive request from frontend)	2025/07/30 (4 days)	Everyone	We might need to create tests, or it's probably tricky to see if we did the right thing For connection to the database, there might be unexpected issues. As we are doing this part early, we left ourselves enough time for debugging and asking questions
Coding for frontend functions that send the request	2025/08/02 (3 days)	Everyone	Format of the request, error handling
Coding for frontend components and adding functionality to them by calling the functions; Test frontend and backend's integration and debug if needed	2025/08/04 (2 days)	Everyone	Building UI components should be pretty straight forward, and we leave 2 more days after this stage as buffer time for debugging

Write up the milestone 4 PDF file deliverable	2025/08/06 (2 days)	Everyone	-
Styling frontend (if we still have time)	2025/08/06	Everyone	-