University of British Columbia, Vancouver
Department of Computer Science

Timeline and task breakdown/assignment:

Front-end / Back-end split:

- Jibek - back-end
- Cathy - half back-end, half front-end
- Leo - front-end

Queries to Implement & their GUI:
March 19th:

1. Insert
2. Update
3. Delete
4. Selection
5. Projection

March 29th:

6. Join
7. Aggregation with GROUP BY
8. Aggregation with HAVING
9. Nested aggregation with GROUP BY
10. Division

User Notifications - March 30th

- allows user to receive a success or failure notification upon the completion of an insert, update, delete action and will have a way to verify the action's effect on the database
- allows users to receive notifications about user errors, such as trying to insert a duplicate value, invalid input (e.g., invalid characters or an int when only strings are allowed), etc.

SQL initialization script - March 31st (all group members)

- includes DROP TABLE statements at the beginning of the file to allow the file to be run multiple times if needed
- includes CREATE and INSERT statements to create all the tables and data in the database
- If constraints are needed to model some aspects of the ER diagram, they have been added. Note that due to a lack of available examples, if assertions or triggers are required, you may simply say what they would need to do, but not implement them.

Final PDF file for Milestone 4 Submission - April 1st (all group members)

- a short description of the final project, and what it accomplished
- a description of how your final schema differed from the schema you turned in. if the final schema differed, explain why.

- a list of all SQL queries used to satisfy the rubric items and where each query can be found in the code (file name and line number(s)).
- for SQL queries 7 through 10 inclusive, include a copy of your SQL query and a maximum of 1-2 sentences describing what that query does. You can embed this in your above list of queries. You don't need to include the output of the query. The purpose of this requirement is to allow your TAs time outside of your presentation to verify these more complex queries are well formed.