

# CPSC 304 Project Cover Page

Milestone #: \_\_\_\_3\_\_\_\_

Date: \_\_Oct. 24th, 2024\_\_

Group Number: \_\_\_\_123\_\_\_\_

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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

## Summary of the project:

The database is to model a voting system of a competition show, involving singers and bands. It has performances that are matches, each match is formed by two groups that contain bands and singers as the performers. The groups then perform a song from the songs in the database. Judges vote on which groups they think are the best ones, and the audience votes on individual singers that they like.

## Task Breakdown

### Front End

#### GUI

- UX/UI Design - Work on the weekly meeting together
- Front End (HTML Index, Implement GUI Layout) - Sara
- Backend Integration (script.js, Connect front end to back end) - Koda, Sophie

### JavaScript

- Sanitization - Sophie
- Error handling - Sophie

### Oracle

#### 10 Queries

- Insert - Sara
- Update - Koda
- Delete - Sophie
- Selection - Sara
- Projection - Sophie
- Join - Koda
- Aggregation (group by) - Sara
- Aggregation (having) - Koda
- Nested aggregation with group by - Sophie
- Division - Sara

SQL Script - Koda

### Other

PDF File - All do together in work meeting

- Short Description
- Final Schema vs Original Schema
- List of all SQL Queries
- Explain 2.1.7 - 2.1.10 Queries

# Timeline

## **Oct.25 - Oct. 31**

Check the tutorial material

Work on queries together

Individually, 1-2 Queries are Finished

- Insert - Sara
- Update - Koda
- Delete - Sophie
- Selection - Sara
- Projection - Sophie
- Join - Koda

Meeting Oct 31: check the progress so far and support needed

## **Nov. 1 - Nov. 7**

Work on queries together

- Aggregation (group by) - Sara
- Aggregation (having) - Koda
- Nested aggregation with group by - Sophie
- Division - Sara

Meeting Nov 7th: check all queries finishes, and plan on details for GUI

## **Nov. 8 - Nov. 14**

Midterm Break

## **Nov. 15 - Nov. 21**

Finish GUI and Front End

Meeting Nov 21: Completed Milestone 4 PDF File, Final Checks and Revisions if needed

## **Nov. 21 - Nov. 29**

Testing and Debugging, Final test for the project as an actual user

## **Nov.29 M4 deadline**