CPSC 304 Project Cover Page

Milestone #: 3

Date: 31/10/23

Group Number: 135

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
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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

Division of tasks:

- End to end
- We will be dividing the back and front end tasks among us

Timeline:

- By November 1st, Andrew will complete tasks 1 and 3
- By November 1st, Jana will complete task 2
- By December 1st Yahya will complete tasks 4, 5, 8, and 9C
- By December 1st Jana will complete tasks 6, 7, 8, and 9D
- By December 1st Andrew will complete tasks 8, 9E, 10, and 11
- On December 4th, we will all complete task 12

Tasks:

1. 2-3 sentences summary of project - Andrew
2. Timeline and task breakdown - Jana
3. Deliverables from milestone 1 and 2 added to repo - Andrew
4. SQL script to create tables and populate data - Yahya
5. Description for final project - Yahya
6. Description of final schema - Yahya
7. Copy of schema and screenshots of what data is present
8. List of SQL queries
    - 10 queries, one for each requirement
9. GUI requirements
    A. Create a homepage with all query buttons, every person responsible for a query develops its front and back end
    B. Each person is responsible for 3 queries
    C. Yahya: Delete, Selection, Division, Aggregation with having
    D. Jana: Insert, Projection, Aggregation with group by
    E. Andrew: Update, Join, Nested aggregation
10. Screenshots demonstrating functionality of each query using the GUI
11. README file
12. Demonstrate the code

GUI description:

- An application with buttons in the home screen, where we have a button for each of the query operations
- When you click on a button, you are navigated to another page in which you enter the information needed to perform the query. If the query operation expects a result, a result

will be presented, however if a result is not expected, a success or failure message will be displayed.

Queries:

- Show list of players that participate in a tournament
- Search for a player
- Find all games played on a certain platform
- Find all games made for a company
- Find all games under a specific genre
- Search for all reviews made by a player

Query Requirements Brainstorming:

- Insert - add player
- Delete - delete player
- Update - update CEO of company
- Selection - find company that made the game
- Projection - find tournament winner
- Join - find all players that played in a tournament
- Aggregation with group by
- Aggregation with Having
- Nested aggregation with group by
- Division - finding players who were in all tournaments