University of British Columbia, Vancouver

Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 3

Date: 15 March 2023

Group Number: 4

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

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Project Summary

Our project relates to international sport competition logistics. Sport competitions at the international level require careful planning and management with regards to venues, athletes, coaches, and specific sporting events. Our project aims to address these logistical considerations by consolidating all of these parts into a single database management system.

Timeline

Milestone 4 - Project Implementation (by Apr 5)

- Review and correct SQL DDL statements and INSERT statements (**March 15, All)**
    - INSERT, DELETE, UPDATE
- Compile DDL statements and INSERT statements into a single SQL script representing all the data in the database. These will be of non-trivial size and the SQL script will be runnable **(March 16, All)**
- Learn how to use PHP and check out UBC resources **(March 17, All)**
- Get screenshots that show what data is present in each relation after the SQL initialization script is run **(March 17, Edward)**
- Use base PHP code from Tutorial, add to repository **(March 17, Julia)**
- Implement INSERT Query **(March 21, Edward)**
- Implement DELETE Query **(March 21, Julia)**
- Implement UPDATE Query **(March 21, Ryan)**
- Implement Selection Query **(March 22, Edward)**
- Implement Projection Query **(March 22, Julia)**
- Implement Join Query **(March 22, Ryan)**
- Implement Aggregation with Group By Query **(March 24, Edward)**
- Implement Aggregation with Having Query **(March 24, Julia)**
- Implement Nested Aggregation with Group By Query **(March 24, Ryan)**
- Implement Division Query **(March 24, Edward)**
- Implement GUI
    - Add multi page functionality **(March 26, Ryan)**
    - Add heading elements **(March 26, Julia)**

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    - Add tables **(March 26, All)**
    - Add forms/input elements that allow for data filtering **(March 26, Edward)**
- Style page with CSS **(April 2, All)**
- Commit README.txt file, if needed **(April 4, Ryan)**

Milestone 5 - Demo

- Create commands to drop, create, and reload tables before the demo **(April 9)**
- Prepare demo queries for **(April 10)**:
    - INSERT **(Edward)**
    - DELETE **(Julia)**
    - UPDATE **(Ryan)**
    - Selection **(Edward)**
    - Projection **(Julia)**
    - Join **(Ryan)**
    - Aggregation with GROUP BY **(Edward)**
    - Aggregation with HAVING **(Julia)**
    - Nested Aggregation with GROUP BY **(Ryan)**
    - Division **(Edward)**

Milestone 6 - Individual and Peer Assessment

- Complete the assessments **(April 5, all)**