

CPSC 304 Project Cover Page

Milestone #: 3

Date: Oct 30, 2023

Group Number: 115

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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

University of British Columbia, Vancouver

Department of Computer Science

Repository Link:

https://github.students.cs.ubc.ca/CPSC304-2023W-T1/project_i3b6k_q0v8x_t2f7p

Project Description:

A database of data on stars, planets, star systems, and astronomical entities. This includes a collection of classifications.

Timeline:

Date in parentheses represent a due date for the task.

- Designing the frontend (Nov 5) - Everyone
- Implementing the frontend - Ayush
 - Create skeleton website with query-making functionality, no CSS (Nov 11)
 - Understand what format data will be returned in
 - Display data using template data (Nov 15)
 - Add CSS
- Create SQL script to create tables and data (Nov 11) - Wrik
 - Use data from Milestone 3
 - Add more examples to flesh out database
- Query Parser (Nov 18) - Max 75%, Wrik 25%
 - Parse Insert operations
 - Parse Delete operations
 - Parse Update operations
 - Parse Selection operations
 - Parse Projection operations
 - Parse Join operations
 - Parse Aggregation with Group By operations
 - Parse Aggregation with Having operations
 - Parse Nested Aggregation with Group By operations
 - Parse Division operations
- Query Retrieval (Nov 11) - Wrik
 - Given parsed Query, get returned outputs
- Other Non-SQL Backend (As needed) - Wrik
- Combining front and backend (Dec 1) - Wrik and Ayush