

CPSC 304 Project Cover Page

Milestone #3

Date: 07-28-2023

Group Number: 32

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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

Milestone 3: Project Check In

Your project TA will be looking for the following things:

1. Each team member has committed to the repository at least once. The commits should have been completed prior to the start of the meeting.

2. The timeline and task breakdown/assignment should have been committed to the repository at least two business days prior to the meeting. During the meeting, your TA will discuss your timeline and task breakdown with you and answer any questions/address any concerns you may have.

The breakdown should be at a level of detail that shows the group has looked into how to accomplish the remaining tasks and the timeline for each item is realistic. Note that we are not asking you to predict every single possible task that you will need to do. That is unrealistic and there are always unexpected situations that arise. We want to see that the group has spent time meaningfully considering what there is left to do and has a plan on how to start accomplishing each of those large items.

Each task should be assigned to a particular group member. Unless otherwise stated, it is assumed that all group members will work equally on the project. If this is not the case, state the work percentage breakdown for each member. This will serve as a written acknowledgement between all group members that there will be an uneven distribution of work. The member who does not do their fair share of work will have a penalty applied to their final project grade.

Each member is expected to implement at least two queries from end to end (i.e., from the GUI to making the call to the database). It would not be considered an equal distribution of work if one person wrote the script to do the table creation/tuple insertion while the other members implemented the project.

While each member is not expected to know about every single line of code in the project, it is expected that all members can talk about the overall architecture of the code.

3. Equal contribution to the discussion by all group members.

4. Willingness to participate in the discussion.

If you are late or miss the meeting, we reserve the right to award a 0 for this milestone. If there are extenuating circumstances, please contact the instructor.

Refer to the grading rubric on Canvas for more details.

Project Timeline

- Set up project folders/files, figure out how to work/collaborate using Git/GitHub. - By Jul 31
- Have all members connect to the database and server via Microsoft SQL server, install necessary packages and frameworks for development. - By Aug 1
- Write out queries we want to execute. - By Aug 3
- Implement GUI. - By Aug 7
- Connect GUI to the database. - By Aug 8
- Running the program, debugging and refining. - By Aug 9

Task Breakdown

Of these 10 required queries:

- 1.Insertion operation
- 2.Delete operation
- 3.Update operation
- 4.Select
- 5.Projection
- 6.Join
- 7.Aggregation with Group By
- 8.Aggregation with Having
- 9.Nested Aggregation with Group By
- 10.Division

Each member will implement 3 of them from end to end (from the GUI to making the call to the database), while we implement the remaining one query together.

~~Milestone 4 Project Implement (due Aug 9)~~

- ~~1. Completed cover page: **together**~~
- ~~2. A single SQL script that can be used to create all the tables and data in the database
 - ~~a. ensure more than 5 or more product is non-trivial:~~
 - ~~b. test script runnable:~~~~
- ~~3. A PDF file containing
 - ~~a. A short description of the final project:~~
 - ~~b. A description of how your final schema differed from the schema you turned in:~~
 - ~~c. A list of all SQL queries used:~~
 - ~~d. Screenshots of the sample output of the queries using the GUI:~~~~
- ~~4. A README.txt file if needed: **together**~~

~~Milestone 5 Group Demo (due Aug 11)~~

~~Handle in files: **together**~~

~~Demo~~

- ~~1. Introduction:~~
- ~~2. GUI:~~
- ~~3. Insertion operation:~~
- ~~4. Delete operation:~~
- ~~5. Update operation:~~
- ~~6. Select:~~
- ~~7. Projection:~~
- ~~8. Join:~~
- ~~9. Aggregation with Group By:~~
- ~~10. Aggregation with Having:~~
- ~~11. Nested Aggregation with Group By:~~
- ~~12. Division:~~

~~Milestone 6 Individual and Peer Assessment (due Aug 11)~~

~~**Together of course :')**~~