# CPSC 304 Project Cover Page

Milestone #2

Date: October 22nd, 2025

Group Number: 31

| Name | Student Number | CS Alias (Userid) | Preferred E-mail Address |
|---|---|---|---|
| Cameron Jim | 64991375 | c5x9i | cjim02@student.ubc.ca |
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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

2.) Our project is based in the sustainable agriculture/farm management space. The system will help farms keep organized records about the crops they grow and the certifications their farm has (ie. organic, non-GMO, etc.). Data is seasonal and can change over time, thus a centralized platform will help farmers review yearly crop records.

3.)
- Finalize table definitions **Ryan**
- Have enough demo data for all queries **Ryan**
- Implement backend code that communicates with oracle and returns results to front end **Ryan + Wit**
- Write and test all 10 required queries (Insert, Update, Delete, Selection, Projection, Join, Group By, Having, Nested Aggregation with Group By, Division) **Wit**
- Produce master SQL script **Ryan + Wit**
- Create a working GUI so a non technical user can easily use our program to enter and manipulate data **Cameron**
- Milestone #4 document creation **Ryan + Wit + Cameron**

Timeline:
- Nov 7:
    - Finalize tables + demo data
    - Create SQL script
    - Implement basic functions for Insert, Update, Delete
        - Unit testing
    - Basic front-end implementation (Insert, Update, Delete), working buttons, showing basic data
    - Integration testing (frontend-backend interactions for newly implemented functions)
- Nov 14:
    - Implement functions for Selection, Projection, Join
        - Unit testing
    - Build search screens, conditional rendering of data on the frontend
    - Integration testing (frontend-backend interactions for newly implemented functions)
- Nov 21:
    - Finish functions Group By, Having, Nested Aggregation with Group By, Division
        - Unit testing
    - More frontend rendering/filtering logic, improve the UI/UX
    - Integration testing + System testing

- Nov 28:
    - Code cleanup, UI/UX cleanup
    - Finalize SQL script
    - Create Milestone #4 document
    - Project submission

4.) Added to repository

5.) Done on GitHub

6.) N/A

7.) N/A

8.) Committed

9.) N/A