

Milestone 3 Timeline

Group Members: Nathan, Aurora, Jessie

Project Task List

1. **Create Cover Page (DEADLINE: October 30, 2023)** *Assigned to:* Aurora
 - a. Develop a cover page for your project, following the usual format.
2. **SQL Script Development (DEADLINE: Nov 3, 2023)** *Assigned to:* Jessie DONE
 - a. Write a single SQL script that creates all necessary tables and data for the project database.
 - b. Ensure the script is well-documented and organized.
3. **Schema Description (DEADLINE: Nov 12, 2023)** *Assigned to:* Nathan
 - a. A short description of the final project and its accomplishments.
 - b. Describe any differences between the final schema and the initial schema submitted, along with reasons for changes.
 - c. Include the schema with primary key attributes underlined and foreign keys bolded.
 - d. Create screenshots or diagrams showing the data present in each relation after running the SQL script.
 - e. List all SQL queries used, along with references to their locations in the code (file name and line number).
 - f. Include screenshots demonstrating the functionality of each required query using the GUI (before, during, and after).
4. **SQL Queries (DEADLINE: Nov 15)** *Assigned to:* Aurora, Jessie, Nathan
 - a. Create required queries
5. **Produce GUI (DEADLINE: Nov 20)** *Assigned to:* Aurora, Jessie
 - a. Landing HTML page with a form for submitting queries, some multiple select components, some user text input components to explore data from the 2010 Vancouver Olympics in a meaningful way.
 - Query personnel data (athletes, coaches, federations)
 - Query event results data (country rankings, venues)
 - Connect to backend
 - Front End styling
 - b. Query result output
 - If query is invalid, display error to user
 - If query is valid, display database results in a table
6. **Compile Documentation (DEADLINE: Nov 20)** *Assigned to:* Jessie
 - a. Organize all documentation into a cohesive PDF file, following the format and sequence as specified in the task description.
7. **Create README.txt File (DEADLINE: Nov 25)** *Assigned to:* Aurora

- a. If there's additional information or explanations that should be included but are not part of the PDF document, create a README.txt file to add these details.
- 8. **Testing and Verification (DEADLINE: Nov 30) Assigned to: Nathan**
 - a. Test the SQL script to ensure it's runnable without issues on the undergrad servers.
 - b. Verify that all queries mentioned in the documentation are functional and produce the expected results.
- 9. **Repository Submission (DEADLINE: Dec 1) Assigned to: Jessie**
 - a. Commit all deliverables to the CPSC 304 provided repository.
 - b. Submit a link to your repository on Canvas.

Anticipated challenges:

- SQL Complexity: Developing complex SQL scripts and ensuring their correctness might be challenging. Extensive testing and validation will be necessary
- Creating a user-friendly and visually appealing GUI may take time and effort