

Milestone 3

University of British Columbia, Vancouver
Department of Computer Science
CPSC 304 Project - The Formula for Success
Milestone #: 3
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Group Number: 51

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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 email 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

Summary:

The domain of our application is sports data management. More specifically, our application focuses on Formula One (F1), a form of international motorsport. The application will store statistics and results for fans to reference and explore.

Timeline:

Database Tasks: *finished by Nov. 15*

- Single, runnable SQL script - *broken down, but to be combined at the end:*
 - ☐ Faraneh: DDL statements #1-8, INSERT statements #1-8
 - ☐ Kira: DDL statements #9-16, INSERT statements #9-16
 - ☐ Kelly: DDL statements #17-24, INSERT statements #17-24

Front End Tasks: *finished by Nov. 22*

- Administrator login (complete with username + password): - *everyone*
 - ☐ Administrator page display - *everyone*
- Main page display:
 - ☐ Search bar + “Search by” drop-down display - *everyone*
 - ☐ Standardized additional filters display + format
 - Faraneh: Season, Drivers filters
 - Kira: Grand Prix, Constructors filters
 - Kelly: Sponsor, Circuit filters
- Query output display - *everyone*

Back End Tasks: *finished by Nov. 22*

- Administrator page: should include INSERT, DELETE, and UPDATE query functionalities - *everyone*
- Main page: search bar functionality + “search by” drop down - *everyone*
- Additional filters specific to the “search by” category that fulfills our required queries:
****Keep in Mind: the required queries when making our additional search filters/functionalities (division, nested aggregation with group by, selection, projection, aggregation with having, join, aggregation with group by)*
 - ☐ Faraneh: Season, Drivers
 - In Season: possibly incorporate Constructor Standing and Driver Standing data
 - ☐ Kira: Grand Prix, Constructors
 - In Constructors: possibly incorporate Car and Team Member data
 - ☐ Kelly: Sponsor, Circuit

Project Presentation Tasks: *finished by Dec. 1*

In the PDF File:

- ☐ Short description of final project - *everyone, already done*
- ☐ Description of final schema differences from original schema from Milestone 2 - *Faraneh*
- ☐ Screenshots demonstrating functionality before, during, and after the query using the GUI - *Kira*
- ☐ Copy of final schema + screenshots - *Kelly*

Check-In Questions:

- Should we use the decomposed relations?
- Clarify workflow steps with the TA - *When exactly is PHP used? How can we integrate frameworks like Bootstrap?*