University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: <u>1</u>

Date: <u>Friday September 26, 2025</u>

Group Number: <u>20</u>

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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

1. What is the domain of the application? Describe it. The domain of an application refers to the area of knowledge your application resides in. For example, if I am making an application for a hospital, the domain would be something like healthcare/patient management/logistics (it would depend on what the application is trying to do). The domain of an application refers to the area of knowledge your application resides in. For example, if I am making an application for a hospital, the domain would be something like healthcare/patient management/logistics (it would depend on what the application is trying to do).
- **Hiking/Trail domain**

2. What aspects of the domain are modeled by the database? In answering this question, you will want to talk about what your project is trying to address and how it fits within the domain. It is likely that in the process of answering these questions you will bring up examples of a real-life situation that the application could be applied to.
- **The database will allow users to find hikes/trails based on certain criteria. Users will also be able to write/read reviews and ratings.**

3. What functionality will the database provide? I.e., what kinds of things will people using the database be able to do.

- **Users can create new hikes they've discovered by providing essential details such as a descriptive name, elevation (total gain or peak height in feet or meters), estimated duration, difficulty level (easy, moderate, hard, or expert), and type (glacier hike, day hike, through-hike, or backpacking trip), while also submitting a safety report to flag potential risks like avalanches, wildlife encounters, or forest fires; additionally, creators can list required equipment (e.g., crampons, bear spray, or trekking poles) and specify the exact location via address or coordinates. To foster community feedback, users can submit a single review and rating (on a 1-5 star scale) per hike, ensuring authentic and balanced insights. Each review has a title, and a description.**

- **Users can also search for hikes based on their preferences**

AI declaration:
We did not use AI for milestone 1.