University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 84

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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

Project Description

- Domain of the application: Leisure is our application's domain because our app encourages people to have quality experience and involvement by providing the information of parks (e.g. trails and activity programs), utilizing the accessibility of the facilities.
- Aspects of the domain modeled by the database:
  - Users can look up the trails based on their location and availability to pursue their hobbies in hiking/trekking.
  - Users can view activity programs provided by each park, through which they can improve their physical and spiritual health.

Database specifications

- Functionality provided by the database:
  - **Listing**: A list of trails can be generated by selecting provinces and/or parks.
  - **Filtering**: Detailed information of selected entities can be displayed. For instance, trails' duration, difficulty and parks' opening/closing hours.
  - **Sorting**: Each entity can be sorted by its attributes.

Application platform

- Platform of our project: Web application using JDBC
- Application technology stack:
  - Database: MySQL, Hibernate (if allowed)
  - Backend: Java, Spring (if allowed)
  - Frontend: HTML/CSS, JavaScript, React
  - Tech: Git, GitHub