

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 15

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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:

Our project resides in the domain of tourism. Specifically, our project focuses on tourist spots present in Canada.

The database models all relevant information about a tourist attraction, such as available activities, booking information, photos, and location. This application is applicable for tourists that want to visit areas that best fit their preference criteria (achieved with activity category filtering), and add reviews and comments to help future tourists to make informed decisions.

Database Specification:

With the database, users can search for important details of different tourist attractions present in an area, such as the location (coordinates), reviews, and booking details, using province and city as identifiers. Additionally, since each attraction is categorized, users can filter categories to find activities that appeal to them most. Lastly, users can perform CRUD (Create, Read, Update, Delete) operations on available tourist attractions with reviews, comments and bookings for each attraction.

Application Platform:

The frontend of our application will use simple HTML/CSS web pages with JavaScript. The backend of our stack will use Node.js with the Express framework and the oracledb module. The oracledb module will allow us to establish connections to the department provided Oracle database server.

Notes:

The category entity only has one attribute (name). This is because we plan to have unique names for each category which will act as a primary key, and users can sort attractions based on category.

ER Diagram:

