

# CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 18

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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:**

The domain of our application is community engagement, local exploration, and tourism. This project will help users discover Vancouver's hidden gems of lesser-known foods, events, and recreation activities encouraging users to explore the whole extent of Vancouver. By providing references like costs, reviews, and transit options this application will be a city exploration tool that highlights community experiences.

The database will model aspects of local exploration which include locations, events, reviews, users, transit stops, travel passes, gift cards, and promotions. Additionally, the app will have community-focused elements like local businesses offering gift cards and community-driven events. For example, a user attending a local jazz festival could be recommended to go to hidden gem restaurants and attractions nearby. Further, the integration of public transportation will make the exploration easier, helping users go beyond the typical tourist spots and explore the true character of Vancouver.

**Database specifications:**

The system will allow users to explore and discover locations in Vancouver as well as any events happening in the near future. Users will be able to search for certain businesses and attractions, and find details about them, including opening hours, contact information, and the nearest transit stops. Moreover, they will be able to buy travel cards which will provide savings and cover fares for certain attractions/businesses. By visiting certain locations and buying passes, users will earn points which they can use to redeem gift cards for even more fun.

**Description of the application platform:**

The project will use the department-provided Oracle database for storing and managing data related to users, locations, events, and transactions. The application will be developed with JavaScript (Node.js) and React.js.

## ER DIAGRAM

