

## **CMPT 276: Project Proposal**

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### **What is the name of your web application?**

BC Liquor Store (Delivery)

### **What is the problem?**

BC Liquor Stores are currently the largest in-person alcohol stores in British Columbia. However, with new technology coming out, the stores are missing out on a lot of revenue which could be made by creating a web application that delivers their products. Our application solves three problems:

- 1. Increased Revenue;**

*Expanding to an online store*

- 2. Convenience;**

*Users are able to order their alcohol with a touch of a button*

- 3. Decreased DUI rate;**

*Reduce the likelihood of people driving to get refills*

### **How is this problem solved currently (if at all)?**

Currently, the liquor delivery problem is being solved by having a friend willing to help delivery or another restaurant liquor product carrier such as Uber Eats or DoorDash which comes with significantly increased prices.

### **How will this project make life better?**

Our application provides our users with a broad selection of budget alcohol products, especially compared with our competitors, such as Uber Eats or DoorDash's restaurant liquor product delivery.

### **Who is the target audience?**

Our target audience is ages 19+ liquor lovers.

**Does this project have many individual features, or one main feature (possibility with many subproblems)? These are the ‘epics’ of your project.**

The main feature of our project is an application that matches a client with a driver assigned by BC Liquor Stores. Individual features include user registration and user login with MongoDB, real time notifications on the web page with Socket.io, SMS notification through Twilio and a payment portal using Stripe.

**What are some sample stories/scenarios? For example, as a regular user to your site, what types of things can I do?**

Users can sign up, login and view the BC Liquor Store’s full collections of liquor products. They may choose their favourite items, add them to the shopping cart, checkout and wait for a driver who is matched by our app according to distance. Users may track the delivery status of their orders in real time.

**How we are going to meet technical requirement**

Our web API’s include Google Maps, Stripe (payment portal) and BC Liquor Store API. For our real-time features, we will be using Twilio as a SMS sender and Socket.io for our web page notifications.