

# PROJECT REQUIREMENTS

Project 1: API Development and Testing  
University of British Columbia Okanagan  
COSC499 - Summer 2022



Date: August 15, 2022

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## **4. NON-FUNCTIONAL REQUIREMENTS**

- Stripe will handle payments done throughout the app along with storing transactional information.
- Ads will be displayed to the user with pagination
- A route guard is implemented to make sure the correct user is able to use the correct features
- Login credentials are email and password
- There are 4 types of accounts:
  - Consumer account
  - Business account
  - Admin account
  - Helpya account

## **5. FUNCTIONAL REQUIREMENTS**

- The system will search a business using a collection of keywords and name
- The system will be able to delete or tombstone user accounts
- The system will be able to recognise an update to account information and update accordingly
- The system will be able to recognise the different types of accounts upon login.
- The system will handle all transactional data and sales data via the Stripe suite and API

## **6. TECHNICAL REQUIREMENT**

- The system will use a Node.js framework to retrieve data from a MySQL database
- The system will be hosted by Heroku for continuous implementation
- The system will use Drone by Harness for continuous deployment
- JWT tokens are used for authentication and session handling

## **7. User Requirements**

- Users will be able to view other user's profile
- Users are able to log in, log out and recover accounts
- Consumer users are able to view ads made by business users
- Consumers will be able to purchase a subscription via the Stripe API that will change their accounts to Business.
- Business users are able to create, delete update ads
- A business will be able to have multiple Ads up to 3
- Consumer users and business users are able to communicate over a chat feature
- Admin accounts will add delete update user credentials and information
- Admin accounts are able to access the Stripe information dashboard and view, refund and update transactional data
- There will only exist one HelpYa account at a time

- Helpya account will be able to drop database
- Helpya account will be able to add delete or update a subscription model and coupons