**E-Commerce Apps Development**

Purpose - This document explains the list of functionalities required for Wholesale Mobile Apps (WMA). The WMA is mainly targeted for customers to allow the majority of all possible functionality available on the website listed below.

The mobile apps are divided in two parts, Customer Center part focused on customer end functionality and Admin Center part focused on admin user end functionality.

The app should be easily able to integrate with any identical wholesale portal. Example IE Wholesale and Easy Wholesale or VapeDensity, etc.

**Customer Center functionality** -

1. Customer Account function
   1. Create account/Login account
   2. View Order History
   3. Payment
   4. Address Book
   5. Account Information
   6. Notification Subscription
   7. Customer representative view and quick contact
2. Order Processing - Order Place, Address update, Payment, ect using Apps
3. Order Notification
4. Product Browse
5. Push notification
   1. New Order
   2. Order Status
   3. Promotion
6. Possibility to scan barcodes to add items to shopping cart.. If product is not existing then create an placeholder with ability to capture description and require quantity to process an order
7. App admin configuration option to update Apps API settings by authorized admin users
8. App API settings to switch different Magento Website running on same platform version and functionality.
9. App development and Production easy to switch API from App admin panel by authorized admin user only.

**Play Store Publishing in normal or 21+ category -**

1. Google Play Store Publishing
2. Apple Play Store Publishing

**Technology and Security Details**

1. Only authorize users should allow to access functionality
2. Development platform consideration - Flutter with backend Magento
3. Change release strategy to release ongoing changes – Development testing and release to production once tested successfully
4. Security protocol and consideration
5. Data processing consideration - High data demanding app, it will be used to process around 1000+ products, order processing of 150 lines or more some of the orders
6. Our team will provide Magento API for functionality
7. Automatic error reporting for any processing level crash or possibility to submit report up on error page
8. Ongoing monitoring and support protocol

**Implementation Timeline**

1. Design Discussion Complete
2. Development Complete
3. Testing and QA Complete
4. Go-live
5. Apps Publish Complete
6. Post Go-live Support End