## **Introduction**

This document outlines the development plan for “G-Mobile”, a website that will allow users to browse and purchase physical products and services from its’ online store. This plan is intended for web developers, designers, and marketers with the brand.

## **About G-Mobile**

G mobile, is your multi-service company in Montreal.

We offer various technology and communication services, for individuals and businesses.

Our cell phone and computer repair services come with a lot of responsibilities and we happily take them on.

## **Customers**

The target market for mobile and computer repair services primarily comprises individual consumers of all ages, businesses that rely on technology, educational institutions with tech needs, tech enthusiasts who frequently use multiple devices, and environmentally-conscious consumers who prefer repair to reduce electronic waste.

## **Functionality**

The website will have the following functionality:

* Users should be able to browse through the website with ease and learn about the brand
* Users should be able to browse and search for products based on categories
* Users should be able to browse and search for services based on categories
* Users should be able to view product/service details, such as descriptions, images, and reviews
* Users should be able to add products to a cart and checkout securely
* Users should be able to book appointments/make inquiries about services through the website
* Users should be able to live chat with agents through the website
* Users should be able to receive push notifications about new arrivals, sales, and promotions.

## **Platform**

The website will be built using WooCommerce and hosted on a VPS from

## **Development Responsibilities**

The technical team of The Run Digital will be responsible for designing, developing and ensuring quality of the website of “G-Mobile”

## **User Class and Characteristics**

There will be two types of users for “G-Mobile”: customers and admins. Customers will be able to use all the website’s features, while admins will have access to additional features such as managing product listings, seeing analytics, creating discounts, etc.

## **System Features and Requirements**

### **Functional Requirements**

* Users should be able to browse and search for products and services based on brand, category, color, and price range.
* Users should be able to view product/service details, such as descriptions, images, and reviews.
* Users should be able to add products to a cart and checkout securely.
* Users should be able to book for services through the website

### **Internal Interfaces**

* User Interfaces
  + Back-end software: WooCommerce
  + Database software: MySQL
  + Front-end software: HTML, CSS, Javascript & PHP
  + Page-builder: Elementor
* Hardware Interfaces
  + IOS and Android mobile devices
  + Desktop screen
  + Laptop screen
  + iPad screen

## **Non-functional requirements**

### **Performance Requirements**

* The website should load and be ready to use within 5 seconds.
* The website should react to user interaction within 2 seconds.
* The database should be optimized to ensure fast query performance.

### **Safety Requirements**

* The website should ensure secure transactions and protect user data through encryption and other security measures.
* The REST API’s keys (if any) should be stored securely

### **Software Quality Attributes**

* Availability: The website should have a goal of 99% availability to ensure customers can shop anytime.
* Correctness: The website should accurately display product information and ensure secure transactions.
* Maintainability: The website should be continuously integrated so that features, updates, and bug fixes can be deployed rapidly without downtime.
* Usability: The interface should be intuitive and easy to navigate, allowing users to shop and make purchases without confusion.