Software Requirements Specifications

For

Service Tool App

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1. Introduction

**1.1 Purpose**

The purpose of this document it to describe the general functions of the Service Tool App which will be used by independent mechanics. This app will aide these independent mechanics in creating invoices and documentation of a customer’s vehicle. This app can also look up for previous service reports of a vehicle, if available.

**1.2 Intended Audience**

This documentation is intended for independent mechanics to implement or maintain service history reports created by them. This documentation can be used to improve an existing framework.

**1.3 Scope of the document**

This document provides information about the service tool app. The service tool app will consists of these following sub systems:

GUI for the mechanics. The GUI will allow the independent mechanics to perform all of the actions available in the app. This GUI is meant to be user friendly that will use familiar icons to reduce learning time of the app.

VIN scan. The VIN scan will be the integral part of this app. This will scan the vehicle’s VIN number to populate any information of the vehicle that is retrieved from the data base. This feature will reduce the time a mechanic will need to use in retrieving the vehicle’s information.

Plate scan and search. This will be a secondary search and information retrieval of the vehicle’s information. (not sure if theres an available database for plates).

VIN search. This VIN search is a tertiary search. This search is similar to VIN scan function but the mechanic will input the VIN via keyboard to populate vehicle information.

**1.4 Overview**

The rest of this document contains the functional and non-functional requirements as well as design/implementation constraints. Following this introduction will be the overall description of the system through product perspective, functions, and user characteristics.