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| Girl Cabby  Software Development Specification | ABSTRACT  Waxbill Africa (LTD) PTY is an innovate company which develops personal and corporate solutions using technology for millions of people in Africa  Waxbill Africa (PTY) LTD |

Table of Contents

[**Introduction**](#_gjdgxs) **3**

[**General description**](#_1t3h5sf) **4**

[**Business Specification requirement**](#_3j2qqm3) **5**

[**Change Management Process**](#_4i7ojhp) **5**

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**Documentary history**

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| **Revision** | **Name** | **Date** | **Comments** |
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# Introduction

Girl Cabby is an upcoming mobile application which will provide Taxi’s to women across South Africa

* 1. **Purpose**

This document specifies the functional and non functional requirement for Girl Cabby. The document is intended for developers at Waxbill and Welekazi Ndiweni.

* 1. **In scope**
     1. Develop an android app that allows passengers and drivers to request and accept rides and other related functions respectively.
     2. Develop an iOS app that allows passengers and drivers to request and accept rides and other related functions respectively.
     3. Develop a web page to allow users to administer app users.
  2. **Out of scope**
     1. Payment reversals
  3. **Definitions and acronyms**

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| --- | --- |
| **Terms** | **Full description** |
| iOS | Application that runs on iPhone and iPads |
| Android | Application that runs on android phones and tablets |
| # | References an ID |

* 1. **References**
* No reference so far

# General description

* 1. **Develop a web application**
* The web application will be hosted under a linux hosting server of client’s choice.
* The web application is to be used to manage all app users and for reporting.
* The web application will display all app users.
* The web application will enable users to open and verify documents sent by drivers.
* The web application will enable users to ban and reinstate drivers and passengers.
* The web application will give a summary of rides taken.
* The web application will give a summary of monthly payments to drivers
  1. **Develop a mobile application / passenger**
* The mobile application will allow passengers to register.
* The mobile application will require an OTP SMS for every verification.
* The mobile application will allow passenger to specify details for payment options.
* The mobile application will allow passengers to request a ride from a specified or GPS location to a location of their choice.
* The mobile application will provide a summary of price and time estimate before the ride request is sent.
* The mobile application will allow passengers to cancel ride requests.
* The mobile application will provide the passengers details of driver after their request has been accepted.
* The mobile application will provide real time estimate as driver approaches pickup point and for to destination.
* The mobile application will provide all historical data for the passenger.
  1. **Develop a mobile application / driver**

* The mobile application will allow drivers to register.
* The mobile application will require an OTP SMS for every verification.
* The mobile application will allow driver to upload required documents and specify details for payment options.
* The mobile application will allow passengers to request a ride from a specified or GPS location to a location of their choice.
* The mobile application will provide a summary of price and time estimate before the ride request is accepted.
* The mobile application will allow drivers to cancel ride requests.
* The mobile application will provide the drivers details of passenger before they accept a ride request.
* The mobile application will provide real time estimate as driver approaches pickup point and for to destination.
* The mobile application will provide all historical data for the driver.
  1. **User characteristics**
* User - a person who will access the web application.
* Driver - a person who registers and accepts to drive passengers using the app.
* Passenger - a person who registers to request rides using the app.
  1. **Technical constraints**
* Web application must developed in HTML and PHP.
* Website must be able to run on a Linux server.
  1. **Business constraints**
* The schedule for the requirement is 2 months

# Business Specification requirement

* 1. **Backend URL**

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| **Code** | **Purpose** | **URL** |
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# Change Management Process

The document updates require the signature of the document author. The new version will be given a name which summarises the change.