Parking Calculator

Test Plan Document

Version 0.1

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Prepared By: Manisha Phadnis

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## Introduction

This Test Plan document addresses the different standards that will apply to the system testing of the Parking Calculator application.

## Objective

This document outlines the overall strategy for testing the Parking Calculator application. It also describes the test environment, the pre-requisites, test scope, test approach and schedule.

## Scope

### In Scope

* GUI testing
* End to end functionality of the application.

### Out of Scope

* Non-functional aspects such as performance, security testing of the application

## References

No document references for the current application testing

## Test Strategy

### Testing types

* Black Box Testing: This technique concentrates on the input and output of the test object without reference to its internal structure.
* GUI Testing: It refers to the testing of the GUI of the application. It covers the format, look and feel, error messages, spelling mistakes.
* Functional Testing: This involves tests that evaluate functions that the system should perform.
* Acceptance Testing: The purpose of user acceptance testing is to ensure that the system is developed as per the user’s requirement and is ready for operational use.

### Tools

* Selenium IDE/Webdriver
* Eclipse IDE
* Web browser (Chrome)

## Testing Environment

In this case the only requirement is to have an internet connection to access the Parking Calculator application.

## Test Schedule

* Test Plan – 01/18/2019
* Test Scenarios and Test Cases – 01/18/2019
* Test Deliverables – 01/19/2019

## Roles and Responsibilities

(In the current case) QA is responsible for Test Plan, Test Scenarios and test case writing, test case execution, automating test cases and defect report.

## Deliverables

* Test Plan document
* Test Scenarios and Test cases
* Defect report
* Automated test cases

## Entry Criteria

* Parking calculator application is available along with reliable internet connection.
* Selenium IDE/Webdriver tool is available for automating the tests
* Eclipse IDE with TestNG plug-in

## Exit Criteria

* All the test cases/test scenarios have been executed
* There are no open high severity defects

## Suspension Criteria

* Not applicable

## Resumption Criteria

* Not applicable

## Risk

* Not applicable