PARKING COST CALCULATOR PROJECT

TEST PLAN

Version 1.0

21/10/2019

VERSION HISTORY

Version	Implementer	Revision date	Approved by	Approval date	Reason
1.0	*Peter Zsilak*	*21/10/2019*		*21/10/2019*	Test Plan draft

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1. INTRODUCTION

The Test Plan document documents and tracks the necessary information required to effectively define the approach to be used in the testing of the project's product. The Test Plan document is created during the Planning Phase of the project. Its intended audience is the project manager, project team, and testing team. Some portions of this document may on occasion be shared with the client/user and other stakeholder whose input/approval into the testing process is needed.

2. REGRESSION TESTING

2.1. TEST RISKS / ISSUES

Environment availability, stability.

2.2. SCOPE - ITEMS TO BE TESTED

Features to Test	Test Description	Test Date	Responsibility
Valet Parking		21/10/2019	Peter Zsilak
Short Term Parking		21/10/2019	Peter Zsilak
Long Term Garage Parking		21/10/2019	Peter Zsilak
Long Term Surface Parking		21/10/2019	Peter Zsilak
Economy Lot Parking		21/10/2019	Peter Zsilak

2.3. SCOPE - NOT TESTED

Features to Test	Test Description	Test Date	Responsibility
BackEnd API		21/10/2019	Peter Zsilak
User Interface		21/10/2019	Peter Zsilak

2.3. TEST APPROACH(S)

Black box testing, Exploratory testing, Boundary value analysis, Equivalence partitioning.

2.4. TEST REGULATORY / MANDATE CRITERIA

All features which has been delivered, has to be passed.

2.5. TEST PASS / FAIL CRITERIA

Test passed: if the feature's expected criteria matches with the actual result.

Test failed: if the page broken, does not contains the feature or the feature returns with unwanted results.

2.6. TEST ENTRY / EXIT CRITERIA

Unit test was passed, the site deployed to the environment without issues, and the browser can load in the page.

Exit criteria: All feature are working as requested.

2.7. TEST DELIVERABLES

- Test Plan
- Test Cases
- Test Incident Reports
- Test Summary Reports

2.8. TEST SUSPENSION / RESUMPTION CRITERIA

Testing will be suspended:

- if the environment is unavailable,

- if the key functions are not working (smoke test)

Resumption criteria:

- stable environment

- failed test cases have been fixed, unit tests were passed, deployment was successful

2.9. TEST ENVIRONMENTAL / STAFFING / TRAINING NEEDS

Environment levels: Dev, UAT, Test, Production

Each environment level needs:

  - Apache or Nginx webserver,

  - PHP interpreter

Staff:

  - Functional Test Engineer(s)

Trainings:

  - Not needed special training for functional testing.