Liferay Hires Sven

The Test Plan

Document History –

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Approvers List

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| **Name** | **Role** | **Approval ( Y/N )** | **Date** | **Remarks** |
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# Introduction

* 1. Purpose

The purpose of this test plan is to get hired by Liferay as an Associate Test Engineer by demonstrating effective overall test planning for the Parking Cost Calc (also known as parkcalc app).

* 1. Project Overview

The parkcalc web application provides users a basic calculation functionality for their parking needs.

* 1. Audience
* Project Manager
* Technical Team
* Business Analysts

# Test Strategy

* 1. Test Objectives

The aim of the following tests is to validate the function of PARKING COST CALCULATOR

* 1. Test Assumptions
     1. Overall
* No Downtime
* Test case design activities will be performed by QA Group
* Black box
* Data is preloaded
  + 1. Functional Testing
* Test Team will perform Functional testing only on PARKING COST CALCULATOR
  + 1. UAT
* End Users will perform the UAT execution and QA Team will provide support
  1. Test Standards
* Teams will work on a common procedure during testing activity.
* Test procedures will be structured with the option to course direct as needed.
* Test environment will replicate an actual prod environment.
* All tests should have the ability to be reproduced
* All tests should be measurable
* Test Phases will be defined with clear direction
* Entrance and Exit criteria to be validated before each Phase begins.
  1. Test Phases
     1. Exploratory
* Purpose
* Scope
* Executors
* Method
  + 1. Functional
* Purpose
* Scope
* Executors
* Method
  + - 1. Test Acceptance Criteria
      2. Test Deliverables
    1. User Acceptance Test (UAT)
       1. Test Deliverable
  1. Test Effort Estimate

# Execution Strategy

* 1. Entry and Exit Criteria
  2. Test Cycles
  3. Validation and Defect Management
  4. Test Metrics
  5. Defect tracking & Reporting

# Test Management Process

* 1. Test Management Tool
  2. Test Design Process
  3. Test Execution Process
  4. Test Risks and Mitigation Factors
  5. Communication Plan and Team Roster
  6. Role Expectation
     1. Project Manager
     2. Test Planning (Test Lead)
     3. Test Team
     4. Test Lead
     5. Development Team

# Test Environment