*SPRING PET CLINIC*

Test Plan

Version *1.0*

*03/02/2020*

ABSTRACT

This document provides an overview of the project and the project test strategy, a list of testing deliverables and plan for development

Michael Harris

VERSION HISTORY

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID & Version #** | **Prepared**  **By** | **Revision**  **Date** | **Approved**  **By** | **Approval**  **Date** | **Reason** |
| 1.0 | Michael Harris | 03/02/2020 |  |  | Test Plan create |
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# Introduction

## Purpose of The Test Plan Document

The test plan is designed to prescribe the scope, approach, resources, and schedule of all testing activities of the project Spring Pet Clinic.

The plan identify the items to be tested, the features to be tested, the types of testing to be performed, the personnel responsible for testing, the resources and schedule required to complete testing, and the risks associated with the plan.

# Test ITEM

## Project description

[Describe the project for which Test Plan is prepared.]

## Items to be Tested / Not to be Tested

All the feature of website Spring Pet Clinic which were defined in software specs requirements need to be tested

|  |  |  |  |
| --- | --- | --- | --- |
| **Item to Test** | **Test Description** | **Test Date** | **Responsibility** |
| View Vets | View all the veterinarians | 15 MAR 2020 | Michael Harris |
| Delete Owner | Remove an owner from the owners list | 15 MAR 2020 | Michael Harris |
| Add Veterinarian | Create a new Veterinarian | 15 MAR 2020 | Michael Harris |
| CWE-264 | Permissions, Privileges, and Access Controls | 15 MAR 2020 | Michael Harris |
| CWE-614 | Sensitive Cookie in HTTPS Session Without 'Secure' Attribute | 15 MAR 2020 | Michael Harris |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Items NOT to be tested

|  |  |
| --- | --- |
| **Item Not to Test** | **Comment** |
| Hardware Interfaces |  |
| Communications Interfaces |  |
| Software Interfaces |  |

## Test Approach(s)

Functional, API, and security testing using combined manual and automation approaches.

## Test Pass / Fail Criteria

If report that there is 40% of test cases failed, suspend testing until the development team fixes all the failed cases.

## Test Entry / Exit Criteria

Specifies the criteria that denote a successful completion of a test phase

-Run rate is mandatory to be 100% unless a clear reason is given.

-Pass rate is 80%, achieving the pass rate is mandatory.

## Test Deliverables

[Describe the deliverables that will result from the testing process (documents, reports, charts, etc.).]

## Test Suspension / Resumption Criteria

[Describe the suspension criteria that may be used to suspend all or portions of testing. Also describe the resumption criteria that may be used to resume testing.]

## Staffing / Training Needs

Clear understanding of SDLC, API testing using Postman and Curl, (manual and automated) functional testing. Tester must be familiar with security testing using OWASP ZAP and the Common Weakness Enumeration (CWE) definitions.

# Risk and mitigation

## Test Risks / Issues

[Describe the risks associated with product testing or provide a reference to a document location where it is stored. Also outline appropriate mitigation strategies and contingency plans.]

# Test Environment and infrastructure

## Required Infrastructure

[Describe the required infrastructure for test environment]

# Test Schedule

## Milestones and schedule

[Describe the describe key milestones, deliverables, efforts, start date and end date]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Milestone** | **Deliverable** | **Effort(Person Hour)** | **Start Date** | **End Date** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

# Test Plan Approval

The undersigned acknowledge they have reviewed the **Spring Pet Clinic Website Test Plan** document and agree with the approach it presents. Any changes to this Requirements Definition will be coordinated with and approved by the undersigned or their designated representatives.

|  |  |  |  |
| --- | --- | --- | --- |
| Signature: |  | Date: |  |
| Print Name: |  |  |  |
| Title: |  |  |  |
| Role: |  |  |  |

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| Role: |  |  |  |

Appendix A: References

[Insert the name, version number, description, and physical location of any documents referenced in this document. Add rows to the table as necessary.]

The following table summarizes the documents referenced in this document.

|  |  |  |
| --- | --- | --- |
| **Document Name and Version** | **Description** | **Location** |
| *<Document Name and Version Number>* | *[Provide description of the document]* | *<URL or Network path where document is located>* |