Web Aplication

<http://clinic.doveryai-no-proveryai.com:9966/petclinic/swagger-ui.html> and <https://clinic.doveryai-no-proveryai.com/petclinic/welcome>

Test Plan Summary

Author: John Ferguson

Creation Date: March 12, 2020

Last Modified on: April 27, 2020

Version #1.3

Table of Contents

[1. APPLICATION SUMMARY 3](#_Toc38008392)

[1.1. Application Overview 3](#_Toc38008393)

[2. Release Testing Summary 3](#_Toc38008394)

[2.1. Testing Scope 3](#_Toc38008395)

[2.2. Associated Information 3](#_Toc38008396)

[2.3. Release Testing Metrics 3](#_Toc38008397)

[2.4. Defects Logged 4](#_Toc38008398)

[2.5. Problem Report (Bug) Metrics 4](#_Toc38008399)

[2.6. Deferred Issues 4](#_Toc38008400)

[3. Test Criteria 4](#_Toc38008401)

[3.1. Suspension Criteria 4](#_Toc38008402)

[3.2. Exit Criteria 4](#_Toc38008403)

[3.3. Test Cases 5](#_Toc38008404)

[3.3.1. Test Valid Admin logins 5](#_Toc38008405)

[3.3.2. Verify rights for Admin logins 5](#_Toc38008406)

[3.3.3. Login with incorrect credentials 5](#_Toc38008407)

[3.3.4. Verify user information isn’t given 5](#_Toc38008408)

[3.3.5. Use wireshark to verify information can’t be captured 5](#_Toc38008409)

[3.3.6. Use API to verify user information 5](#_Toc38008410)

[4. Resource Planning 5](#_Toc38008411)

[4.1. System Resources 5](#_Toc38008412)

[5. Test Environment 5](#_Toc38008413)

[6. Release Testing Results 5](#_Toc38008414)

# APPLICATION SUMMARY

## Application Overview

The purpose of this test plan is to provide the scope and approach of all testing activities for the web application <http://clinic.doveryai-no-proveryai.com:9966/petclinic/swagger-ui.html> and <https://clinic.doveryai-no-proveryai.com/petclinic/welcome>

# Release Testing Summary

## Testing Scope

Security testing using the OWASP principals. User permissions, login authentication, and security of login information. Utilizing Postman, Wireshark, and Ruby to conduct test.

Postman will be used to test what information is shown making API Calls.

Wireshark will be used to see what information is given during login attempts.

Ruby will be used for automating test cases.

Bug Magnet will be used to input data.

**Out of Scope for Testing/Assumptions:**

The following items are out of scope with no development efforts to change the existing processes:

* QA will not be responsible for the defects identified in UAT which were not included in scope of QA test execution
* Performance Testing
* Capacity Testing
* Compatibility Testing
* Database Testing

## Associated Information

|  |  |
| --- | --- |
| **User Story#** | **Description** |
| 18694 | <http://clinic.doveryai-no-proveryai.com:9966/petclinic/swagger-ui.html> and <https://clinic.doveryai-no-proveryai.com/petclinic/welcome> |

## Release Testing Metrics

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type of Testing | No. of Test Cases | No. of Test Cases Executed | No. of Test Cases Passed | No. of Test Cases Failed | On Hold |
| Functional | 11 | 11 | 11 | 0 | 0 |
|  |  |  |  |  |  |
| **Total** | **11** | **11** | **10** | **1** | **0** |

## Defects Logged

* Defect 1: List items set to randomize

## Problem Report (Bug) Metrics

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Domain | Total bugs | Open | Closed | Rejected | Deferred |
| <https://clinic.doveryai-no-proveryai.com/petclinic/welcome> | 1 | 1 | 0 | 0 | 0 |

## Deferred Issues

* None.

# Test Criteria

## Suspension Criteria

If 40% of the test cases fail, suspend testing until the development team fixes all failed cases.

## Exit Criteria

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

* Must complete 100% of test cases.
* Must have a Pass rate of 80%.

## Test Cases

### Test Valid Admin logins

### Verify rights for Admin logins

### Login with incorrect credentials

### Verify user information isn’t given

### Use wireshark to verify information can’t be captured

### Use API to verify user information

# Resource Planning

## Work Hours

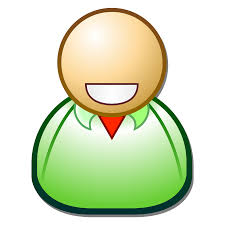
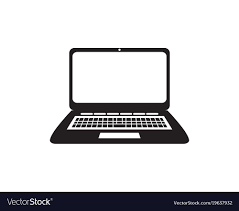
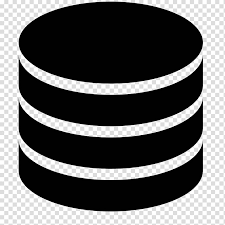
John Ferguson will work from 1730-2000 everyday until test cases are complete.

## System Resources

|  |  |  |
| --- | --- | --- |
| No. | Resources | Description |
| **1.** | Network | Setup a WLAN with the speed of at least 50 Mbps |
| **2.** | Computer | One computer run Windows 10, Ram 8GB, CPU 1.20 GHz 1.50 GHz, Microsoft Edge 44.18362.449.0 |

# Test Environment

The Test Environment should be setup as figure below.



# Release Testing Results

https://github.com/Johnferguson1440/Class12Capstone.git