7/20/2024

**QA Project**

Version 1.1

Pet Store

**Software Test Design**

# *Table of Contents*

[1. Introduction 3](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920894)

[2. Objective 3](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920899)

[2.1 Test cases that should be covered 3](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920900)

[2.2 Requirements of covering test cases 3](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920901)

[2.3 Project description 3](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920902)

[2.4 Scope 4](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920903)

[3. Team Members 4](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920904)

[4. Test Cases Table 5](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920907)

[4.1 Test Case [1] 5](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920908)

[4.2 Test Case [2] 5](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920909)

[4.3 Test Case [3] 5](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920910)

[4.4 Test Case [4] 6](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920911)

[4.5 Test Case [5] 6](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920912)

[4.6 Test Case [6] 6](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920913)

[4.7 Test Case [7] 7](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920915)

[4.8 Test Case [8] 7](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920916)

[4.9 Test Case [9] 7](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920917)

[5. Traceability Table 8](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920894)

[6. Conclusion 9](file:///C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\IE\M7FRBOQ1\std_(1)_(1)%5b1%5d.doc#_Toc107920894)

**Introduction**

A document that outlines the methodologies used to design and develop test cases for our project. It specifies the test coverage strategy and the expected results for each test case according to the tree testing and system analysis.

Taking in consider the traceability between requirements and test cases.

**Objectives**

1. Test cases that should be covered:
   1. Get pet status.
   2. Add a pet.
   3. Delete a pet.
   4. Store inventory.
   5. Add an order.
   6. Store order.
   7. Get user.
   8. User login.
   9. User logout.
2. Requirements of covering test cases:
   1. Name of the test case
   2. Target of the test case
   3. Data
   4. Preconditions
   5. Writer
   6. Date
   7. Priority
   8. Serial number of test case
   9. Steps
   10. Expected result
3. Project description

**Pet Store** is an online website where you can manage a pets store's inventory, orders and other pets adding and details editing .

1. Scope

The testing scope includes all functional and non-functional requirements of the Pet Store website.

* 1. Scope-in
     1. Functional tests
        1. Sanity test
        2. User interface tests
     2. Non-functional tests
        1. Security tests
  2. Out of scope
     1. Functional tests
        1. Unit tests
        2. Component tests
        3. Integration tests
        4. API tests
        5. Regression tests
        6. End To End tests
     2. Non-functional
        1. Performance tests
           1. Load
           2. Stress
           3. Volume
        2. Upgrade & Installation
        3. Usability
        4. Compatibility
        5. Globalization & Localization
        6. GUI
        7. Recovery tests

## **Team Members**

|  |  |
| --- | --- |
| **Resource Name** | **Role** |
| Majd Bader | Tester |
| Ehab Khalil | Tester |
| Ali Fares | Tester |

**Test cases for Pet Store Website**













## *The Traceability Table*

|  |  |  |  |
| --- | --- | --- | --- |
| **Req. #** | **Requirement Description** | **T.C. #** | **Test Case Description** |
| **1** | **An option to get access to a pet**  **Details by its status.** | **1** | Get pet by status. |
| **2** | **An option to add a pet to the store.** | **2** | Add a pet. |
| **3** | **An option to delete a pet from the store.** | **3** | Delete a pet. |
| **4** | **An option to get an access to the store inventory.** | **4** | Store inventory. |
| **5** | **An option to add a new order in the store.** | **5** | Add an order. |
| **6** | **An option to get an access to an order in the store.** | **6** | Store order. |
| **7** | **An option to get a user details.** | **7** | Get user. |
| **8** | **User can submit a login successfully.** | **8** | User login. |
| **9** | **User can submit a logout successfully.** | **9** | User logout. |

## **Conclusion**

This test design ensures comprehensive coverage of the software's functionalities, including positive and negative test cases. By following this plan, we can identify and address potential issues early in the development process, leading to a higher quality and more reliable software product.