

TEST PLAN IDENTIFIER

TestPlan_JPetStore_9thSep_v1.0

INTRODUCTION

The Test Plan is designed to prescribe the scope, approach, resources, and schedule of all testing activities of the JPetStore.

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

TEST ITEMS

- Home page
- Cart Button
- Sign in
- Help
- Search bar
- Search button
- Link to products
- Link to product description

FEATURES TO BE TESTED

This are the list of features to be tested

Feature	Description
Sign in	This is where the user have to give their password and user id and the it will authenticated after the click submit
Login button	The button will redirect the user to homepage and also will authenticate the user
Username and password fields	Where the user id and password is entered and the password should be shown in encrypted format.
Home page	This is where the user can click on the pets shown in the homage and click on it. It will show all the available pet on the store

Register	This is where a new user will have to give their user information (user id, new password, repeat password), account information (name, address, e-mail, phone) and profile information (language preference, category etc.)
Save the information button	This will save information of the new user into database
Return to home	This will help the user to go back to home page from any other page
Search bar and button	This where the user can search for the pets they want and details of them will be shown after clicking the search button
Cart	Where all the items need to be purchased is added
Help page	Where user can get help regarding the usage of the website

FEATURES NOT TO BE TESTED

These features are not be tested because they are not included in the software requirement specs

- Database
- Communications Interfaces
- Website Security and Performance

TEST TYPE

The type testing to be used are:

- Functionality Testing: To make sure all the functions in the website are working properly.
- Web UI Testing: To make sure all the components within the website are connected properly.
- Compatibility Testing: To check the mobile browsing and system compatibility.
- Performance Testing: To understand the performance of the web site in various scenarios.

TEST OBJECTIVE

The test objectives are to verify the Functionality of website JPetStore, the project should focus on testing the operation such as sign in, register, and search...etc. to guarantee all these operations can work normally in a real environment.

TEST CRITERIA

Fail and Pass Criteria

At the Unit test level:

- All test cases completed.
- Code coverage tool indicates all code covered.

At the Master test:

- All lower-level plans completed.
- All the plans have been completed and only has a minor error

Suspension Criteria

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

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

Test deliverables are provided as below

- Test plans document.
- Test cases documents
- Test Design specifications.
- Test Tool
- Test Data
- Test Trace-ability Matrix

- Error logs and execution logs.
- Test Results/reports
- Defect Report

TEST ENVIRONMENT

A windows environment with Internet Explorer 8, 9 and 10, and with Firefox 27.0, as well as Google Chrome.

RESPONSIBILITIES

1.Test Manager

- Manage the whole project
- Define project directions
- Acquire appropriate resources

2.Tester

- Identifying and describing appropriate test techniques/tools/automation architecture
- Verify and assess the Test Approach
- Execute the tests Report the defects.

3.Developer in Test

- Implement the test cases, test program, test suite etc.

4.Test Administrator

- Builds up and ensures Test Environment and assets are managed and maintained
- Support Tester to use the test environment for test execution

STAFFING AND TRAINING NEEDS

1.Test Manager

2.Tester

3.Developer in Test

4.Test Administrator

SCHEDULES

Task Name	Start Date	End Date
Making Test Specification	09-09-2021	09-09-2021
Milestone	09-09-2021	09-09-2021
Perform Test Execution	10-09-2021	10-09-2021
Milestone	10-09-2021	10-09-2021
Test Report	11-09-2021	11-09-2021
Milestone	11-09-2021	11-09-2021
Test Delivery	12-09-2021	12-09-2021
Milestone	12-09-2021	12-09-2021

RISK AND CONTIGUOUS

Risk	Contiguous
Team members lack the required skills for website testing.	Plan training course to skill up your members
The project schedule is too tight; it's hard to complete this project on time	Set Test Priority for each of the test activities.
A lack of cooperation negatively affects your employees' productivity	Encourage each team member in his task, and inspire them to greater efforts.
Defects are found at last stage	Create a proper Defect Management plan

TEST APPROVALS

Signature	
Name	
Role	
Date	