

Test Plan for JpetStore

1) Test Plan Identifier

JPETStore_Test_Plan

2) References

- JPETStore Requirements Document
- Githubb repositories
- Various community Forums like stack overflow...

3) Introduction

This test plan outlines the testing strategy for the JPETStore application, an online pet store platform designed for users to browse and purchase pet products. The objective is to ensure the application meets the defined requirements and provides a seamless user experience.

4) Test Items

- User Registration and Login
- Product Browsing and Search
- Shopping Cart Functionality
- Payment Processing
- User Reviews and Ratings

5) Software Risk Issues

- Integration with third-party payment gateways
- Data security and privacy concerns
- Potential for UI inconsistencies across browsers

6) Features to be Tested

- User authentication
- Product management (add, edit, delete)
- Order management (tracking, history)
- Customer support features (FAQ, contact forms)

7) Features not to be Tested

- backend functionalities like internal tools
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8) Approach

Testing will be conducted using a combination of manual and automated testing methods. The focus will be on functional testing and regression testing.

9) Item Pass/Fail Criteria

- A test item will be considered "passed" if it meets all specified requirements and functions as intended.
- A "fail" will be recorded for any deviation from expected results, which will require further investigation.

10) Suspension Criteria and Resumption Requirements

Testing may be suspended if critical defects are identified that prevent further testing. Testing will resume once these issues are resolved and the build is validated.

11) Test Deliverables

- Test Plan Document
- Test Case Documentation
- Test Execution Reports
- Defect Reports
- Final Test Summary Report

12) Remaining Test Tasks

- Finalize test cases
- Execute test cases
- Log defects and track their resolution
- Conduct regression testing

13) Environmental Needs

- Development and Testing environments with the same configuration
- Access to necessary hardware and software
- Test data setup

14) Staffing and Training Needs

- Testers with knowledge of e-commerce applications
- Training on tools and technologies used in the JPETStore

15) Responsibilities

- Test Manager: Overall responsibility for test planning and execution
- Testers: Design, execute, and report on test cases
- Developers: Fix defects and provide support during testing

16) Schedule

- Ensure it is tested at next week of the same day.

17) Planning Risks and Contingencies

- Risk of delays in requirement gathering could impact the schedule.
- Lack of resources could slow down testing.

18) Approvals

- Test Plan Approval: [Insert Name/Title]
- Requirement Specifications Approval: [Insert Name/Title]