**IEEE TEST PLAN TEMPLATE FOR J-PET STORE**

1. Test Plan Identifier

* ID: JPET-OCT-TP-001
* Version: 1.0

2. References

* Project Plan
* Requirements Document
* Design Documents

3. Introduction

This test plan is our strategy for testing the J-PET store website. It covers what we will test, how we will test it, and the resources we need.

4. Test Items

* User Registration
* Product Browsing
* Shopping Cart
* Payment Processing
* Order Confirmation

5. Software Risks

* Potential risks include:
* Issues with payment processing
* Security concerns with user data
* Complexity in user authentication

6. Features to be Tested

* User Registration (High Risk)
* Shopping Cart (High Risk)
* Payment Processing (High Risk)

7. Features Not to be Tested

* Admin Panel functions
* Old product listings (already stable)

8. Approach

* Manual testing for user interactions
* Automated testing tools like Selenium
* Performance testing with JMeter

9. Pass/Fail Criteria

* Code coverage should be over 80%
* Defect rate should be below 5%

10. Suspension Criteria

* Testing will pause if we find too many critical defects. We will resume once those issues are fixed.

11. Test Deliverables

* The test plan document
* Test cases and reports

12. Remaining Tasks

* Future tasks related to the admin panel will need separate planning.

13. Environmental Needs

* Specific browser versions for testing
* Access to test payment data

14. Staffing Needs

* The JPETStore platform

15. Responsibilities

* Test Manager: [Name]
* QA Team Members: [Names]

16. Schedule

* Testing Start Date: 20-10-2024
* Testing End Date: 15-11-2024

17. Risks and Contingencies

* Delays in development
* Resource shortages during peak times

18. Approvals

* Final approval will be needed.

19. Glossary

* UI: User Interface

QA: Quality Assurance