

TEST PLAN DOCUMENT

DemoBlaze Project

Contents

1. TEST STRATEGY	3
1.1. Scope of Testing	3
1.1.1. Feature to be tested	3
1.1.2. Feature not to be tested	3
1.2. Test Type	4
1.3. Risk and Issues	4
1.4. Test Logistics	4
1.4.1. Who will test?	4
1.4.2. When will test occur?	4
2. TEST OBJECTIVE.....	4
3. TEST CRITERIA	5
3.1. Suspension Criteria	5
3.2. Exit Criteria	5
4. RESOURCE PLANNING.....	5
5. TEST ENVIRONMENT.....	5
6. SCHEDULE & ESTIMATION.....	5
7. TEST DELIVERABLES	5
7.1. Before testing phase	5
7.2. During the testing.....	5
7.3. After the testing cycles is over	6

INTRODUCTION

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

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

1. TEST STRATEGY

1.1. Scope of Testing

1.1.1. Feature to be tested

All the features of website DemoBlaze which were listed below are needed to be tested.

Module Name	Description
Register	This module allows new users to create an account on the DemoBlaze website. Users will typically provide information like username, password
Log in	This module allows registered users to access their accounts on DemoBlaze.
Log out	This module allows logged-in users to terminate their current session.
Add to Cart	This module allows users to add products to their shopping cart.
Cart Management	This module allows users to delete and place order the items in their shopping car
Place Order	This module allows users to finalize their purchase.

1.1.2. Feature not to be tested

These features are not being tested because of access restrictions.

- User Interfaces

- Hardware Interfaces
- Software Interfaces
- Database logical
- Communications Interfaces
- Website Security and Performance

1.2. Test Type

In the project DemoBlaze, there are 3 types of testing that should be conducted.

- Integration Testing (Individual software modules are combined and tested as a group)
- System Testing: Conducted on a complete, integrated system to evaluate the system's compliance with its specified requirements

1.3. Risk and Issues

Risk	Mitigation

1.4. Test Logistics

1.4.1. Who will test?

The project should use outsource members as the testers.

1.4.2. When will test occur?

The tester will start the test execution when all the following inputs are ready

- Software is available for testing
- Test Specification is created
- Test Environment is built
- Enough human resource for testing

2. TEST OBJECTIVE

The test objectives are to verify the Functionality of website DemoBlaze, the project should focus on testing the website operation such as Shopping Cart, Login & Log out,

Check out ...etc. to guarantee all these operations can work normally in a real business environment.

3. TEST CRITERIA

3.1. 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.

3.2. 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.

4. RESOURCE PLANNING

5. TEST ENVIRONMENT

- Windows 10 – Chrome, Firefox and Edge
- Mac OS – Safari Browser
- Android Mobile OS – Chrome
- iPhone Mobile OS - Safari

6. SCHEDULE & ESTIMATION

7. TEST DELIVERABLES

Test deliverables are provided as below

7.1. Before testing phase

- Test plans document.
- Test cases documents

7.2. During the testing

- Test Data
- Error logs and execution logs.

7.3. After the testing cycles is over

- Test Results/reports
- Defect Report
- Release notes