test plan document

ShO-MTP01.0

Shop online personalization master test plan

Author: Yulia Pochikovskaya

Current Owner: Yulia Pochikovskaya

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# Document Signoff

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| --- | --- | --- |
| Name | Position | Signature and Signoff Date |
| Yulia Pochikovskaya | QA Manager | 01/12/2021 |
| Valeria Dmitrieva | Dev Manager | 01/12/2021 |
| Karina Karpovich | Product Manager | 01/12/2021 |
| Christina Skoda | Release Team Manager | 01/12/2021 |
|  |  |  |

# Document Control

## Change History

| Name | Position | Date | Document Version | Description of Change Including Section of test plan |
| --- | --- | --- | --- | --- |
| Valeria Dmitrieva | Dev Manager | 30/11/2021 | V 1.0.0 | Testing scope |
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## Review and Approval History

| Reviewer Name | Position | Document Review Status (Approved/Not Approved) | Date Reviewed | Comments Incorporated(Yes/No) |
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## Document References

| Name | Type of Reference | Document Location |
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# General Information

## Document Scope:

The test plan covers tests for authorization and login forms on ‘Shop Online’.

## Product Summary:

‘Shop Online’ wants to have their site personalized for users. For that reason they want to create authorization form on the Home page. Need to test form for registration and authorization.

## Product Quality Goals

* Reliability, proper functioning as specified and expected.
* Robustness, acceptable response to unusual inputs, loads and conditions.
* Efficiency of use by the frequent users
* Easy to use even for the less frequent users
* Ability for email confirmation

# Testing Objectives

* Verify functional correctness
* Test product robustness and stability
* Measure performance ‘hot spots’
* Test visual consistency
* Test error processing

# Assumptions

The Reassigned Sales administration staff currently has two positions unfilled. As a result of this staff shortage there may be delays in getting staff to review appropriate documents and to participate in the Acceptance test process. Should client staff become a problem, the appropriate dates for reviews and acceptance testing will slip accordingly. No attempt will be made to bypass any part of the review and testing processes.

However, if acceptable to the Reassigned Sales staff administrator, a member if the test team my be available to act as the client’s representative for part of the Acceptance test itself. The reviews of the screens and reports must have Client participation and approval.

# Testing Scope

## Areas Tested and Not Tested

|  |  |  |  |
| --- | --- | --- | --- |
| S.No | Area Name | Tested(Yes/No) | Comments |
| 1 | Data | No |  |
| 2 | Errors Handling | No |  |
| 3 | User Interface | No |  |
| 4 | Perfomance | No |  |
| 5 | Stress | No |  |
| 6 | E-mail confirmation | No |  |

## Features Tested and Not Tested

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | Feature Name | Priority  (H, M, L) | Tested(Yes/No) | Comments |
| 1 | Password restoration | H | No |  |
| 2 | Email confirmation | H | No |  |
| 3 | Registration | H | No |  |
| 4 | Authorization | H | No |  |

# Testing Strategy

## Testing Methodology

The testing for the Reassigned Sales project will consist of Unit, System/Integration (combined), Acceptance test levels and tours(rained-out, guidebook). It is hoped that there will be at least one full time independent test person for system/integration testing. However, with the budget constraints and time line established; most testing will be done by the test manager with the development teams participation.

## Testing Types

UNIT Testing will be done by the developer and will be approved by the development team leader. Proof of unit testing (test case list, sample output, data printouts, defect information) must be provided by the programmer to the team leader before unit testing will be accepted and passed on to the test person. All unit test information will also be provided to the test person.

SYSTEM/INTEGRATION Testing will be performed by the test manager and development team leader with assistance from the individual developers as required. No specific test tools are available for this project. Programs will enter into System/Integration test after all critical defects have been corrected. A program may have up to two Major defects as long as they do not impede testing of the program (I.E. there is a work around for the error).

ACCEPTANCE Testing will be performed by the actual end users with the assistance of the test manager and development team leader. The acceptance test will be done in parallel with the existing manual ZIP/FAX process for a period of one month after completion of the System/Integration test process.

Programs will enter into Acceptance test after all critical and major defects have been corrected. A program may have one major defect as long as it does not impede testing of the program (I.E. there is a work around for the error). Prior to final completion of acceptance testing all open critical and major defects MUST be corrected and verified by the Customer test representative.

### Functional Testing

|  |  |
| --- | --- |
| Test Objective: | To validate all functional requirements are correctly implemented |
| Technique: | Execute each use case, use case flow, or function, using valid and invalid data, to verify the following:   * The expected results occur when valid data is used. * The appropriate error / warning messages are displayed when invalid data is used. * Each business rule is properly applied. |
| Completion Criteria: | * All planned tests have been executed. * All identified defects have been addressed. |
| Special Considerations: | None |

### User Interface Testing

|  |  |
| --- | --- |
| Test Objective: | Login form, register form |
| Technique: |  |
| Completion Criteria: | Readable |
| Special Considerations: |  |

### Load Testing

Not Applicable

### Stress Testing

Not Applicable

### Configuration Testing

Not Applicable

### Installation Testing

Not Applicable

## Tools

The following tools will be employed in the project.

|  |  |  |  |
| --- | --- | --- | --- |
| Task Name | Tool Name and version | Vendor name | Free/Shareware/Buy |
| Test Management | Test Director 7.01 | Mercury Interactive | Buy |
| Regression Testing | Winrunner 7.01 | Mercury Interactive | Buy |
| Defect Tracking | Bugzilla |  | Free |
| Project Management | … | … | … |
| … |  |  |  |

# Testing Schedule

## Project Milestone list

|  |  |  |  |
| --- | --- | --- | --- |
| **#No** | **Milestone Name** | **Sched’d Date** | **Actual Date** |
| 1 | Planning Phase Starts |  |  |
| 2 | Planning Phase Ends |  |  |
| 3 | Design Phase Starts |  |  |
| 4 | Usability Testing |  |  |
| 5 | Prototype Complete |  |  |
| 6 | Design Phase Ends |  |  |
| 7 | Development Phase Starts |  |  |
| 8 | Acceptance into Internal Release Testing |  |  |
| 9 | Internal Release Testing Complete |  |  |
| 10 | Acceptance into Alpha Testing |  |  |
| 11 | Alpha Testing Complete |  |  |
| 12 | Development Phase Complete |  |  |
| 13 | Stabilization Phase Starts |  |  |
| 14 | Acceptance into Beta Testing |  |  |
| 15 | Beta Testing Complete |  |  |
| 16 | Release To Manufacturing |  |  |
| 17 | Project Post Mortem |  |  |

## Detailed Testing Schedule

In this section specify in-detail testing schedule. The start and end dates of each testing activity must be mentioned here.

# Resources

## People

The development team leader will be responsible for the verification and acceptance of all unit test plans and documentation.

The project manager/test manager is responsible for all test plans and documentation.

The entire project team will participate in the review of the system and detail designs as well as review of any change requests that are generated by the user or as a result of defects discovered during development and testing. The sales administration staff is also required to participate in the initial high-level system review.

The sales administration staff will provide a person, as required, throughout the project to verify test results and answer questions as they arise. This person will also be responsible for participating in the execution of the acceptance test plan.

## Systems

### Hardware

One work station.

### Software

Web browser (Google Chrome, Yandex, Mozila, Microsoft Edge).

## Tools

No need for liscences.

## Test Environments

Database server with users data, Web server, Web browsers.

# Communication Approach

## Bug Reporting and tracking

According to the scheduled dates features need to be tested and reported in the documentation.

## Meeting

The test team will meet weekly to evaluate progress to date and to identify error trends and problems as early as possible. The test team leader will meet with development and the project manager weekly as well. These two meetings will be scheduled on different days. Additional meetings can be called as required for emergency situations.

## Reports

Reports for the developers about bugs, reports for the client to track the process.