test plan document

<Shop Online Personalization >

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Creation Date: 31.10.2021

Last Updated: 31.10.2021

Document Version: 1.0.5

Status: draft

# General Information

## Document Scope:

The test plan covers Registration;

## 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.

## 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

# Testing Objectives:

* Verify functional correctness
* Test product robustness and stability.

## Assumptions

We may need to change the criteria for fields in user registration and authorization

# Testing Scope

The testing scope will be covered in testing is registration and won’t be covered are login, confirm login and forget password.

## Areas Tested and Not Tested

|  |  |  |  |
| --- | --- | --- | --- |
| S.No | Area Name | Tested(Yes/No) | Comments |
| 1 | Login | Yes |  |
| 2 | Password | Yes |  |
| 3 | Confirm Password | Yes |  |
| 4 | E-mail | Yes |  |
| 5 | First Name | Yes |  |
| 6 | Last Name | Yes |  |
| 7 | Gender | Yes |  |
| 8 | Address | Yes |  |

# 

# Testing Strategy

Functional testing and user interface testing.

## Testing Methodology

The testing team going to participate in evaluating the requirements and design;

The testing group is going to do usability testing even before development phase start;

The testing group will start writing test outlines and test cases the day before start coding project;

3 rounds of functional testing will be done;

The testing will stop when the project will be done and ready to work;

Some criteriaes which determine that product:

* Functionality;
* Usability;
* Efficiency;
* Portability;
* Security.

## Testing Types

Functional testing

### 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

Not applicable

### Load Testing

Not Applicable

### Stress Testing

Not Applicable

### Configuration Testing

Not Applicable

### Installation Testing

Not Applicable

## Tools

|  |  |  |  |
| --- | --- | --- | --- |
| 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 |

# Testing Schedule

## Project Milestone list

|  |  |  |  |
| --- | --- | --- | --- |
| **#No** | **Milestone Name** | **Sched’d Date** | **Actual Date** |
| 1 | Planning Phase Starts | 31.10.2021 | 31.10.2021 |
| 2 | Planning Phase Ends | 31.10.2021 | 31.10.2021 |
| 3 | Design Phase Starts | 02.11.2021 | 02.11.2021 |
| 4 | Usability Testing | 03.11.2021 | 03.11.2021 |
| 5 | Prototype Complete | 05.11.2021 | 05.11.2021 |
| 6 | Design Phase Ends | 10.11.2021 | 10.11.2021 |
| 7 | Development Phase Starts | 15.11.2021 | 15.11.2021 |
| 8 | Acceptance into Internal Release Testing | 20.11.2021 | 20.11.2021 |
| 9 | Internal Release Testing Complete | 25.11.2021 | 25.11.2021 |
| 10 | Acceptance into Alpha Testing | 30.11.2021 | 30.11.2021 |
| 11 | Alpha Testing Complete | 05.12.2021 | 05.12.2021 |
| 12 | Development Phase Complete | 10.12.2021 | 10.12.2021 |
| 13 | Stabilization Phase Starts | 15.12.2021 | 15.12.2021 |
| 14 | Acceptance into Beta Testing | 20.12.2021 | 20.12.2021 |
| 15 | Beta Testing Complete | 25.12.2021 | 25.12.2021 |
| 16 | Release To Manufacturing | 30.12.2021 | 30.12.2021 |
| 17 | Project Post Mortem | 05.01.2022 | 05.01.2022 |

# Resources

## People

Needed team of 5 people to testing that.

## Systems

### Hardware

5 workstations need for testing

### Software

MS word, Browser and Microsoft Windows 10, MS excel

## Tools

Bee virtual machine

## Test Environments

Microsoft Windows, MacOS, Linux, Android, IOS;

Microsoft Edge – 10 , Firefox - 10, Google Chrome - 10, Opera - 10;

# Communication Approach

## Bug Reporting and tracking

Using Microsoft Excel and Microsoft Word or Google docs and Google tables;

## Meetings

Meetings for discuss about bugs and what they not tested yet; And to report on the process of work;

One a week;

## Reports

Reports on completed tests will be sent to the team leader every three days in MS word. If necessary, the interim results of all work can be sent to the customer by email