**Test plan**

**“Image Gallery”**

# 1 Introduction

## Objectives

The Test Plan document include and tracks the necessary information required to effectively define the approach to be used in the testing of the project’s product. The Test Plan document is created during the Planning Phase of the project. Its intended audience is the project manager, project team, and testing team. Some portions of this document may be shared on occasion be shared with the client/user and other stakeholders whose input/approval into the testing process is needed.

## Team Members

|  |  |
| --- | --- |
| **Resource Name** | **Role** |
| S. Enes PEKKAYA | Automation Tester |

# Scope

The initial phase will include all ‘must have’ requirements. These and any other requirements that get included must all be tested and create automation scripts. A tester must be able to:

1. Create a manual test with as many steps as necessary
2. Save it
3. Retrieve it and have the ability to view it when running the test
4. Enter results and appropriate comments
5. View results

Load testing will not be considered part of this project since the user base is known and not an issue.

Rewriting, moving or porting existing test cases from the existing Word documents is not considered part of this project.

# Assumptions / Risks

## Assumptions

This section lists assumptions that are made specific to this project.

1. Delivery of the product is in format that the test team can check it into CVS.

## Risks

The following risks have been identified and the appropriate action identified to mitigate their impact on the project. The impact (or severity) of the risk is based on how the project would be affected if the risk was triggered. The trigger is what milestone or event would cause the risk to become an issue to be dealt with.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| # | Risk | Impact | Trigger | Mitigation Plan |
| 1 | Scope Creep – as testers become more familiar with the tool, they will want more functionality | High | Delays in implementation date | Functionality will be closely monitored. Priorities will be set and discussed by stakeholders. Since the driver is functionality and not time, it may be necessary to push the date out. |
| 2 | Changes to the functionality may negate the tests already written and we may loose test cases already written | High – to schedule and quality | Loss of all test cases | Export data prior to any upgrade, massage as necessary and re-import after upgrade. |
| 3 | Weekly delivery is not possible because the developer works off site | Medium | Product did not get delivered on schedule |  |

# Test Approach

The project is using an agile approach, with weekly iterations. At the end of each week the requirements identified for that iteration will be delivered to the team and will be tested.

Per iteration the tester will code automation scripts.

## Test Automation

Automated unit tests are part of the development process, Automated functional tests are planned at this time.

# Test Environment

A new server is required for the web server, the application and the database.

# Deliverables

|  |  |  |
| --- | --- | --- |
| **Deliverable** | **For** | **Date / Milestone** |
| Test Plan | Project Manager; QA Director; Test Team |  |
| Traceability Matrix | Project Manager; QA Director |  |
| Test Results | Project Manager |  |
| Test Status report | QA Manager, QA Director |  |
| Metrics | All team members |  |

**Image Gallery**

**Version History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Version # | Date | Author | Changes Summary | Review Comments Location |
| 1.0 | 06/05/2018 | S. Enes Pekkaya | Initial test case |  |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| Number | Action | Comments |
| 1 | Image Gallery |  |
|  |  |  |

**Test cases**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Number | Action | Expected result | | Test result |
| **1** | **Image Gallery** | | | |
| **1.1** | **Upload – Delete File(s)** | | | |
|  | Pre steps:   1. Open the web page (https://basitali.github.io/test\_gallery/dist/) |  |  | |
| 1.1.1 | Steps:   1. Check that web page is appeared. 2. Click plus button on right top of the page. 3. Choose a image file from dialog box. 4. Click “Open” button. 5. Uploaded image is visibled on the page | Uploaded image is appeared |  | |
| 1.1.2 | Steps:   1. One image file is appeared. 2. Click the image. 3. When shows up gallery popup, click trash icon button. 4. Confirm dialog shows up and click “OK” button. | Uploded image is disappeared on the page. |  | |
| 1.1.3 | Steps:   1. Click plus button on right top of the page. 2. Choose multi image files from dialog box. 3. Click “Open” button. 4. Uploaded images are visibled on the page | Uploaded images are appeared |  | |
| 1.1.4 | Steps:   1. Click plus button on right top of the page. 2. Choose a non image file from dialog box. 3. Click “Open” button. 4. Alert dialog is showed up and text is “Only Images available to upload” 5. Click “Ok” button. | Non image file never uploaded |  | |
| 1.1.5 | Steps:   1. Check that web page is appeared. 2. Click plus button on right top of the page. 3. Choose a image file from dialog box. It’s size of upper to 4MB file. 4. Click “Open” button. 5. The alert dialog box is appeared and text is “Files should be less than 4Mb” | File is not uploaded |  | |
| **1.2** | **View changing (forward back close)** | | | |
|  | Pre steps:   1. More than one image files are appeared. 2. Click any image. |  |  | |
| 1.2.1 | Steps:   1. Click on Back Button. 2. Check that other image is loaded. | Previous image is loaded |  | |
| 1.2.2 | Steps:   1. Click on Forward Button 2. Check that other image is loaded. | After image is loaded |  | |
| 1.2.3 | Steps:   1. Click on Cross Button 2. Gallery slide popup is disappeared. | Gallery slide popup is disappeared. |  | |