**Business Requirement Document**

When a System or an application needs to be developed there will be an objective what that system is going to serve. Requirement document is written in order to make sure that the application is developed and tested in such a way that the application will serve the same objective once it’s released.

These requirements will further be divided into high and low level requirements for the ease of understanding.

**Application Name:** Simple website.

Simple website developed with an “Objective” of providing response based on lot ID.

Functionalities of Simple website

1. **Home Page.**

**Functionalities**

1. Functionality is to search lot id.
2. Accepts file which contains lot ids in txt or csv file and search for all those ids.
   1. **Home Page:**

**High-Level document**

The home page of the website should have one text field in order to identify unique lot id and upload file field which accepts the file which contains lot id’s in csv format. The same page should also have the options to submit and close.

**Low-Level document**

1.1.1 Home page of the website should have an Enter lot id text fields with a submit button and close button.

1.1.2 Text field should accept alpha numeric special characters with size 30.

1.1.3 Should have validation for blank value while submitting.

1.1.4 Should be able to trim the blank in both side of lot id while submitting.

* + 1. Alpha characters should be made upper case before submitting the form.
    2. Close the window on click on close button.

1.2.1 Home page of the website also should have file upload field with upload and close button

1.2.2 Upload field should accept file.

1.2.3 The uploading file should be .txt or .csv format only the file should contain the lot id’s separated by “ , ”.

1.2.4 The lot id’s should be alpha numeric special characters with max size of 30 characters.

1.2.5 The lot id’s cannot be blank.

1.2.6 The lot id’s should not contain spaces in-between.

1.2.7 The lot id’s should not contain any special characters except “ . ” and “ - ” .

1. **Success page :**

This functionality is to Display Success message.

**High-Level document**

When the user is providing the valid lot id, success page should contain lot id field with entered lot id along with lot status, and back and close buttons.

**Low-Level document**

* 1. If lot id is valid success page should contain the current lot id.
  2. Display lot status: all 3 attributes for lot is available and it should be available in PRF system (print this status only if all 3 attributes for lot is present in database).
  3. Display messages like if lot is still not available kindly wait for the next refresh which is scheduled at every 2 hours basis.
  4. The refresh timing of PRF system.
  5. If the lot is still not available after next refresh. Please contact IT help desk.
  6. A valid lot id should have the fallowing 3 attributes should be a customer PO lot with sales order tagged in promis/siview/insite is available in WIP.
  7. If the lot has above 3 attribute and still not available, Please contact IT helpdesk team.
  8. Any changes made to the lot attribute would take 6 to 8 hours to refresh into PRF system.

1. **Failure page:**

This functionality is to failure messages.

**High-Level document**

When the user is providing the in valid lot id, failure page should contain lot id field with entered lot id along with lot status, and back and close buttons

**Low-Level document**

* 1. If lot id is in valid failure page should contain the entered lot id.
  2. Lot status message: Entered lot id is invalid or upstream system is refreshing. Please try again after 30 mines. Please check lot status in promise/Insite.
  3. A valid lot id should have the fallowing 3 attributes should be a customer PO lot with sales order tagged in promise/siview/insite is available in WIP.
  4. If the lot has above 3 attribute and still not available, Please contact IT helpdesk team.
  5. Any changes made to the lot attribute would take 6 to 8 hours to refresh into PRF system.

1. **Response page;**

Functionality is to give the result for the corresponding uploaded file

**High-Level document**

When the user upload the file which contains lot id’s, result page should contain all the valid lot id’s present in the form with lot id’s along with lot status, and back and close buttons.

**Low-Level document**

* 1. **If the uploaded file contains valid lot id’s then the response page should contain all the valid lot id’s.**
  2. Display lot status for all the valid id’s: all 3 attributes for lot is available and it should be available in PRF system (print this status only if all 3 attributes for lot is present in database).
  3. Display messages like if lot is still not available kindly wait for the next refresh which is scheduled at every 2 hours basis.
  4. The refresh timing of PRF system.
  5. If the lot is still not available after next refresh. Please contact IT help desk.
  6. A valid lot id should have the fallowing 3 attributes should be a customer PO lot with sales order tagged in promis/siview/insite is available in WIP.
  7. If the lot has above 3 attribute and still not available, Please contact IT helpdesk team.
  8. Any changes made to the lot attribute would take 6 to 8 hours to refresh into PRF system.