# Control

|  |  |  |  |
| --- | --- | --- | --- |
| Project | PIM tool | Component name | New & Edit project |
| Author signature & visa | CHUP | Finished date | 28/06/2022 |
| Task sheet ID |  | Time spent | 1h |

# Functional Test-cases

The following section is mandatory and cannot be left empty. It is either filled in by the PL for a specific task sheet, before handing it over to the Engineer, or by the Engineer himself.

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Test case description** | **OK / KO[[1]](#footnote-1)** | **Corrected** |
| 1 | When I create a new project and does not fill any values, then I receive error messages informing about required fields. | OK |  |
| 2 | When I create a new project and fill values for all fields, then I can save the project successfully. The application is navigate to the Projects list screen. | OK |  |
| 3 | When I update an existing project, filling all fields with new information, then the update information is successfully saved. | OK |  |
| 4 | In Edit mode, Project Number can’t be changed | OK |  |
| 5 | With new projects, status “New” is selected by default | OK |  |
| 6 | “Members” field can contain single or multiple visas, separated by comma (,). E.g: DTH, BHU, JHV | OK |  |
| 7 | Any fields that have validation errors are highlighted | OK |  |
| 8 | If the user creates a new project having number already existed, display the following error message: “The project number already existed. Please select a different project number”. | OK |  |
| 9 | If a visa is not valid, i.e. does not exist, display the following error message: “The following visas do not exist: {visa list}.” | OK |  |
| 10 | If there is unexpected error (e.g. network error, database connection error, etc.), redirect user to a dedicated error page and display the following error message: “Unexpected error occurred [<detail of the error>]. Please contact your administrator”. | OK |  |
| 11 | List of members is an auto-selection for multiple visas | KO |  |

# Generic Test-cases

If the project support multi-browsers, it is recommended to add each browser (and corresponding version) as a column of the below checklist.

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Operations** | **Result (OK, KO or NA)** | **Corrected** |
| **A** | **Layout Check** |  |  |
| **1** | **Page properties** |  |  |
| 1.1 | Check that layout fit well with defined minimal resolution screen | OK |  |
| 1.2 | Check window's title (spelling) for all application's languages | OK |  |
| 1.3 | Check that cache is disabled -> do back navigation to check refresh | NA |  |
| 1.4 | Check keyboard shortcuts are working (for menu, toolbar, button …), should be defined in specification | NA |  |
| 1.5 | Check resizing behavior (according to specification) | NA |  |
| **2** | **Item's size** |  |  |
| 2.1 | Check the size of the items: font, button, text control, list control, frame… | OK |  |
| 2.2 | Check tooltip is implemented correctly (should be defined in specification), tooltip should be available when item’s text can not fully displayed | NA |  |
| **3** | **Item's alignment** |  |  |
| 3.1 | Check alignment for text field, numeric field, date field  (text field -> left, numeric field -> right, date field -> center) | OK |  |
| 3.2 | Check alignment (vertical and horizontal) of fields within the layout | OK |  |
| **4** | **Read-only fields (should be defined globally in the project)** |  |  |
| 4.1 | Check color (different color to input fields) | OK |  |
| 4.2 | Check keyboard navigable (no keyboard navigation on read-only fields) | OK |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **5** | **Default button (should be defined globally in the project)** |  |  |
| 5.1 | Check existing a default button  Ex: “Enter” to select the default button on screen  “Esc” to close the popup  When a confirmation popup is open, default focus on the default button. | NA |  |
| **6** | **Standard format (should be defined globally in the project)** |  |  |
| 6.1 | Check standard formats:   * Entire numbers: ZZZ0 * Floating numbers: XXX0.X0 or X'XX0.X0 * Date: The date is formatted correctly. The application works correctly with the configured locale in customer environment. | KO |  |
| **7** | **Tabular** |  |  |
| 7.1 | Check the tabular sequence | OK |  |
| **8** | **Menu** |  |  |
| 8.1 | Check the operations of the menu items of the menu by mouse | OK |  |
| 8.2 | Check if all menu options are visible and accessible according to access rights | NA |  |
| **9** | **Standard language** |  |  |
| 9.1 | Check that page is compatible with chosen mark-up language (html4, xhtml1, etc…) | NA |  |
| **10** | **Multilingual text** |  |  |
| 10.1 | Check GUI object text labels (fields buttons, menus, toolbar tool tips, labels, etc.) in all application's languages (D, F, E, I). | OK |  |
| 10.2 | Check text of the messages | OK |  |
| 10.3 | Check text of the reference data (combo box) | OK |  |
| **11** | **Messages** |  |  |
| 11.1 | Check message title (error, warning, question, information) corresponding the specific case | OK |  |
| 11.2 | Check icon, font, content , color | OK |  |
| **12** | **Search result list** |  |  |
| 12.1 | Any list must be sorted by default | NA |  |
| 12.2 | The search result list should return a limit amount of elements (e.g. max rows = 300) | NA |  |
| **13** | **Focus** |  |  |
| 13.1 | Check default focus when the screen is opened | OK |  |
| **14** | **Data sorting** |  |  |
| 14.1 | Check data in list box, combo box, table is sorted by default | OK |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **B** | **General Operation Check** |  |  |
| **1** | **Default values** |  |  |
| 1.1 | Check the default values of the items: text items, numeric items, list items, radio buttons, check boxes… | OK |  |
| **2** | **Max length** |  |  |
| 2.1 | Check max length of the items: text items, numeric items, editable list items… | OK |  |
| **3** | **Mandatory fields** |  |  |
| 3.1 | Check mandatory fields in Create and Update processes. In case of error, screen should indicate which field is missing. | OK |  |
| **4** | **Correct border data** |  |  |
| 4.1 | Check that inputting HTML tags in fields has no effect on page rendering.  For example : <table>, <tr> or <script>alert(1)</script> | OK |  |
| 4.2 | Check the correct border data for the items:  Number: min value, max value  Text: empty string, max length string, allowed character set (ex: A-Z)  contains special character: ', %, \_  Date: first date, last date  Note: Of course, the correct border data has to be suitable to specific business rules | OK |  |
| 4.3 | File upload component: check file type and size before processing.  File type: xls, xlsx, image file format (gif, jpg …)  Max file size allowed: 500Kb, 1Mb … | NA |  |
| **5** | **Incorrect data** |  |  |
| 5.1 | Check the incorrect data for the items:  Number: < min value, > max value, text data  Date: 0/1, 32/1, 29/2, 30/2, 31/4, 31/6, 31/9, 31/11, null date | OK |  |
| 5.2 | Check incorrect data cannot be input through copy/paste | **NA** |  |
| 5.3 | Test that SQL-injection is impossible (security) | NA |  |
| **6** | **Date interval** |  |  |
| 6.1 | Check with start date > end date | OK |  |
| **7** | **Web navigation (should be defined and implement globally in the project)** |  |  |
| 7.1 | Check management of refresh button | NA |  |
| 7.2 | Check management of back and forward buttons | NA |  |
| 8 | **Double submit** |  |  |
| 8.1 | Check that it’s impossible to submit twice by error the form | OK |  |
| **9** | **Standard messages** |  |  |
| 9.1 | Check save confirmation request when changing context | NA |  |
| 9.2 | Check delete confirmation request | OK |  |
| 9.3 | Check referential integrity error on delete | NA |  |
| 9.4 | Check no data found error | OK |  |
| 9.5 | Check concurrent update error | OK |  |

1. KO must have a justification as to why it is not fixed yet, a new bug report should also be filed and referenced here. [↑](#footnote-ref-1)