

**Test plan for**

**Liferay Forms**

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| **Version** | **Change Date** | **By** | **Description** |
| 1.0 | 27/03/2021 | Juliana Jacques Andrade | Criação do Plano de Testes |



1. **Introduction**

**1.1 Purpose**

The pupose of this document is to create and execute test scripts with black-box techniques, to assist the validation of filling out a form, and to ensure quality and functioning, as expected by the end customer.

The form has, as main functionality, to receive and store the information inputed, according to the rules submitted. To be submitted, the form must have all fields filled out.

This document contains the test scripts developed, the results of this tests and the report of the defects found.

1. **Scope**

At this stage, only User Interface Testing were performed and documented.

For this first validation, manual tests were performed.

* 1. **In Scope**

**2.1.1. User Interface Testing**

* Check if each graphic interface screen can be easily understood and used.
* Validate that all information is being presented correctly on the screen (Ex. Fields, buttons, texts)
* Validate that the behavior, during filling and after submitting is occurring as expected;

**2.1.2 Functional Testing**

* Ensure that the system's functionalities, specified in the use cases, are generating the expected results.

**2.2. Out of Scope**

**2.2.1 Database Testing**

* Validate if the reported data are being recorded in the Database;
* Validate that the data recorded in the Database consists of data that has been provided.

**2.2.2 Performance Testing**

* Validate the insertion response time in the Database;

**2.2.3 Stress Testing**

* Validate how the system behaves in cases where several simultaneous insertions are made in the database.

**2.2.4 Installation Test**

* Validate that a form url normally occurs on all machines that meet the specified requirements.
* Validate that a form url is accessed in different environments (ex: Chorme, IE)

1. **Execution**

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| **CT01: Submit form successfully** | |
| **Pre Condition:** Form URL **(**[This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US)) avaliable. | |
| **Steps** | **Results** |
| 1. Access the online form link: [This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US); | 1. The online form will be displayed successfully; |
| 2. Fill in the field: **“What is your name?”**; | 2. Field filled in successfully; |
| 3. Fill in the field: “**What is the date of your birth?**” with a valid date; | 3. Field filled in successfully; |
| 4. Fill in the field: “**Why did you join the testing area?**”; | 4. Field filled in successfully; |
| 5. Press the button “**Submit**” | 5. A new screen is displayed with the message “Information sent Information sent successfully!” |

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| **CT02: Submit form with field “What is your name?” not filled;** | |
| **Pre Condition:** Form URL **(**[This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US)) avaliable. | |
| **Steps** | **Results** |
| 1. Access the online form link: [This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US); | 1. The online form will be displayed successfully; |
| 2. Don´t fill in the field **“What is your name? ”;** | 2. Empty field; |
| 3. Fill in the field: “**What is the date of your birth?**” with a valid date; | 3. Field filled in successfully; |
| 4. Fill in the field: “**Why did you join the testing area?**”; | 4. Field filled in successfully; |
| 5. Press the button “**Submit**” | 5. The system will remain on the same screen and display the message “This field is required.” under the text box of the “What is your name?” field. |

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| **CT03: Submit form with field “What is the date of your birth?” not filled;** | |
| **Pre Condition:** Form URL **(**[This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US)) avaliable. | |
| **Steps** | **Results** |
| 1. Access the online form link: [This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US); | 1. The online form will be displayed successfully; |
| 2. Don´t fill in the field **“What is your name? ”;** | 2. Field filled in successfully; |
| 3. Fill in the field: “**What is the date of your birth?**”; | 3. Empty field; |
| 4. Fill in the field: “**Why did you join the testing area?**”; | 4. Field filled in successfully; |
| 5. Press the button “**Submit**” | 5. The system will remain on the same screen and display the message “This field is required.” under the text box of the “What is the date of your birth?” field. |

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| **CT04: Submit form with field “Why did you join the testing area?” not filled;** | |
| **Pre Condition:** Form URL **(**[This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US)) avaliable. | |
| **Steps** | **Results** |
| 1. Access the online form link: [This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US); | 1. The online form will be displayed successfully; |
| 2. Don´t fill in the field **“What is your name? ”;** | 2. Field filled in successfully; |
| 3. Fill in the field: “**What is the date of your birth?**” with a valid date; | 3. Field filled in successfully; |
| 4. Fill in the field: “**Why did you join the testing area?**”; | 4. Empty field; |
| 5. Press the button “**Submit**” | 5. The system will remain on the same screen and display the message “This field is required.” under the text box of the “Why did you join the testing area?” field. |

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| **CT05: Submit form with field “What is your name?” and “What is the date of your birth?” not filled;** | |
| **Pre Condition:** Form URL **(**[This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US)) avaliable. | |
| **Steps** | **Results** |
| 1. Access the online form link: [This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US); | 1. The online form will be displayed successfully; |
| 2. Don´t fill in the field **“What is your name? ”;** | 2. Empty field; |
| 3. Fill in the field: “**What is the date of your birth?**”; | 3. Empty field; |
| 4. Fill in the field: “**Why did you join the testing area?**”; | 4. Field filled in successfully; |
| 5. Press the button “**Submit**” | 5. The system will remain on the same screen and display the message “This field is required.” under the text box of the “What is your name?” and “What is the date of your birth?” field. |

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| **CT06: Submit form with field “What is your name? ” and “Why did you join the testing area?” not filled;** | |
| **Pre Condition:** Form URL **(**[This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US)) avaliable. | |
| **Steps** | **Results** |
| 1. Access the online form link: [This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US); | 1. The online form will be displayed successfully; |
| 2. Don´t fill in the field **“What is your name? ”;** | 2. Empty field; |
| 3. Fill in the field: “**What is the date of your birth?**” with a valid date; | 3. Field filled in successfully; |
| 4. Fill in the field: “**Why did you join the testing area?**”; | 4. Empty field; |
| 5. Press the button “**Submit**” | 5. The system will remain on the same screen and display the message “This field is required.” under the text box of the “What is your name?” and “Why did you join the testing area?” field. |

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| **CT07: Submit form with field “What is the date of your birth?” and “Why did you join the testing area?” not filled;** | |
| **Pre Condition:** Form URL **(**[This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US)) avaliable. | |
| **Steps** | **Results** |
| 1. Access the online form link: [This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US); | 1. The online form will be displayed successfully; |
| 2. Don´t fill in the field **“What is your name? ”;** | 2. Field filled in successfully; |
| 3. Fill in the field: “**What is the date of your birth?**”; | 3. Empty field; |
| 4. Fill in the field: “**Why did you join the testing area?**”; | 4. Empty field; |
| 5. Press the button “**Submit**” | 5. The system will remain on the same screen and display the message “This field is required.” under the text box of the “What is the date of your birth?” and “Why did you join the testing area?” field. |

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| **CT08: Submit form with invalid day in “What is the date of your birth?” field;** | |
| **Pre Condition:** Form URL **(**[This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US)) avaliable. | |
| **Steps** | **Results** |
| 1. Access the online form link: [This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US); | 1. The online form will be displayed successfully; |
| 2. Don´t fill in the field **“What is your name? ”;** | 2. Field filled in successfully; |
| 3. Fill in the field: “**What is the date of your birth?**” with a invalid day; | 3. The message **"Please check the date field" s**hould by display and the form can’t be submmited; |

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| **CT09: Submit form with invalid month in “What is the date of your birth?” field;** | |
| **Pre Condition:** Form URL **(**[This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US)) avaliable. | |
| **Steps** | **Results** |
| 1. Access the online form link: [This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US); | 1. The online form will be displayed successfully; |
| 2. Don´t fill in the field **“What is your name? ”;** | 2. Field filled in successfully; |
| 3. Fill in the field: “**What is the date of your birth?**” with a invalid month; | 3. The message **"Please check the date field" s**hould by display and the form can’t be submmited; |

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| **CT010: Submit form with invalid year in “What is the date of your birth?” field;** | |
| **Pre Condition:** Form URL **(**[This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US)) avaliable. | |
| **Steps** | **Results** |
| 1. Access the online form link: [This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US); | 1. The online form will be displayed successfully; |
| 2. Don´t fill in the field **“What is your name? ”;** | 2. Field filled in successfully; |
| 3. Fill in the field: “**What is the date of your birth?**” with a invalid year; | 3. The message **"Please check the date field" s**hould by display and the form can’t be submmited; |

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| **CT011: Change the language of the form (EN)** | |
| **Pre Condition:**   1. Form URL **(**[This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US)) avaliable. 2. The language option must appear right above the form | |
| **Steps** | **Results** |
| 1. Access the online form link: [This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US); | 1. The online form will be displayed successfully; |
| 2. Wich the option language **“enlish-United Stated”** | 2. The form must be in English |

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| **CT012: Change the language of the form (PT)** | |
| **Pre Condition:**   1. Form URL **(**[This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US)) avaliable. 2. The language option must appear right above the form | |
| **Steps** | **Results** |
| 1. Access the online form link: [This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US); | 1. The online form will be displayed successfully; |
| 2. Wich the option language **“pt-BR”** | 2. The form must be in Portugues |

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| **CT013: Customer Experience** | |
| **Pre Condition:** Form URL **(**[This is a Liferay Forms](https://forms.liferay.com/web/forms/shared/-/form/122548?p_p_state=pop_up&p_p_auth=BvrbMkZp&_com_liferay_dynamic_data_mapping_form_web_portlet_DDMFormPortlet_languageId=en_US)) avaliable. | |
| **Steps** | **Results** |
| 1. Check the behavior of the objects and characteristics of the window, such as: menus, size, position, state and focus remain according to the standards. | 1. It’s verified that each behavior remains within acceptable standards. |
| 2. Observe users groups using the form interface | 2. It’s verified that the user can use the interface without training and considers it pleasant. |

1. **Bug Reporting**

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| **Bug** | **Description** | **Possible solution** | **Evidence** | **Status** | **Priority** |
| #01 - Invalid birthday date (year) field | The birthday date field is allowing you to put a year above the current year (example 2030). | Validate that the entered year is valid, compared to the current year and a message should be displayed, about the invalid year and request that it be inserted again. | Bug01.docx | Open | 3 |

1. **Test Report**

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| **Test Case** | **Status** | **Bug** |
| **CT01: Submit form successfully** | Passed |  |
| **CT02: Submit form with field “What is your name?” not filled;** | Passed |  |
| **CT03: Submit form with field “What is the date of your birth?” not filled;** | Passed |  |
| **CT04: Submit form with field “Why did you join the testing area?” not filled;** | Passed |  |
| **CT05: Submit form with field “What is your name?” and “What is the date of your birth?” not filled;** | Passed |  |
| **CT06: Submit form with field “What is your name?” and “Why did you join the testing area?” not filled;** | Passed |  |
| **CT07: Submit form with field “What is the date of your birth?” and “Why did you join the testing area?” not filled;** | Passed |  |
| **CT08: Submit form with invalid day in “What is the date of your birth?” field;** | Passed |  |
| **CT09: Submit form with invalid month in “What is the date of your birth?” field;** | Passed |  |
| **CT010: Submit form with invalid year in “What is the date of your birth?” field;** | Failed | #01 - Invalid birthday date (year) field |
| **CT011: Change the language of the form (EN)** | Passed |  |
| **CT012: Change the language of the form (PT)** | Passed |  |
| **CT013: Customer Experience** | Passed |  |