

## Technical test Akuiteo -Automatic tests

***“Portail Collaborateur”***

***Timing and Expense element***

**OWNER: Axel VISSOH**  
**LANGUAGE: English**  
**STATUS: Version 0.0.1**

### 1. Revision History

Version	Delivery Date	Revision Owner	Reason
0.0.1	10/08/2023	Axel VISSOH	Creation and initial revision

### 2. Contributors & Reviewers

#### Reviewers

Team	Name	Signoff Date

#### Contributors

Team	Name	Related Sections

### 3. Requirement Tracability

Document Type	Document Name	Document Link
PDF	Specification technical assessment	<a href="#">Doc link</a>

## 4. Introduction

This document will serve as a testing plan and strategy to perform tests required for the technical assessment. The purpose is to test two functionalities related to « Portail collaborateur » including timing and expense element. The first one will help the client to create a timing element like a planning of a task/event while the second one will help create an expense element like an expense report or a reimbursement.

## 5. Resourcing

Many res

Tester	Task	% Committed
Axel VISSOH as Tester	US Analysis	100%
	Test Strategy/Plan	
	Test Design	
	Test Implementation	
	Test Analysis	
	Test Report	
... as QA lead	Review+FeedBack	
... as a Dev	Review+FeedBack	
... as a BA	Review+FeedBack	

## 6. Test Approach

Testing this functionality will be the responsibility of every team member. Two levels of testing will be performed.

Developers will perform unit tests of their components which is out of scope of this document.

The tester will analyze the US and propose test strategy/plan test cases, workflow and will design/execute automatic tests, provide reports, and integrate needed changes in the future. The level of test here will be Integration testing as many components are involved (both in front and back) in the “Portal collaborateur” page but not the whole system will be involved.

Related to this page some workflow could be taken as part of the acceptance criteria.

The automatic tester will perform functional UI tests using the tool Katalon manual mode. Then the created script will be updated to insert variables/loop/custom actions etc. It should be able to launch the tests at will. Also, the tests should be easily integrated into a CI tool to automatically launch and schedule them at will.

Thes tests will ensure that UI elements are present/visible and displayed as they should. As CRUD like actions will be performed interacting with the back end and persisting data in the database, those tests will indirectly attest that the back end provides proper output based on the given input.

Information about defects found by these tests should be addressed in the Defect management tool and a summary should be addressed at the end of this doc. After bugs are fixed by the developer, it should be possible to launch these tests again to ensure compliance.

This feature should be part of the automation process for non-regression testing as many developments in some back-end areas can impact the feature in scope for these tests.

## 7. Test Environment

Test will be developed with katalon studio latest version installed in windows.

The tests should be compatible with chrome and Firefox for the versions supported by the product and used by our client.

Informations about the resolution should be provided.

## 8. In Scope

Functional UI tests will be performed and will include only the creation of timing/expense element and the verification that they are properly displayed with the given values.

- Positive tests: Create tests.

## 9. Out of Scope

Positive tests like Read, Update and Delete operation of created timing/expense elements.

Negative Functional tests (Empty and null values)

Nonfunctional tests (performance, usability...) shall be discussed in another document.

## 10. Values and data testing

### Timing Element:

	Date	Client	Business	Task	Action	Time	Place	Comment
Simple values	Curent Date (+/- 1)	Optimal Compta	Optimal Compta	Tâche de test 06	Absence	5	CHESSY	Same as Action
	Curent Date (+/- 1)	Optimal Compta	Sud	Tâche de test 09	Déplacement	7.3	BORDEAUX	Same as Action
	Curent Date (+/- 1)	Optimal Compta	Sud	Tâche de test 09	Travail	3.45	BORDEAUX	Same as Action
Boundary and string value for time	Curent Date (+/- 1)	Optimal Compta	Optimal Compta	Tâche de test 06	Absence	-2	CHESSY	Same as Action
	Curent Date (+/- 1)	Optimal Compta	Optimal Compta	Tâche de test 06	Absence	12	CHESSY	Same as Action
	Curent Date (+/- 1)	Optimal Compta	Optimal Compta	Tâche de test 06	Absence	dummy	CHESSY	Same as Action

**Expense Element:**

	Nature	Date	Amount TTC	TVA	Comment	Client	Affectation	Option
<b>Simple values</b>	Avion	Curent Date (+/- 1)	10000	00 (0 %)	Same as Nature	C9006 - Zodiac conception	Zodiac conception	Refacturable
	Avion	Curent Date (+/- 1)	10000	06 (5.5 %)	Same as Nature	C9006 - Zodiac conception	Zodiac conception	Non remboursable
	Avion	Curent Date (+/- 1)	10000	07 (10 %)	Same as Nature	C9006 - Zodiac conception	Zodiac conception	Refacturable Non remboursable
<b>Boundary and string value for tva</b>	Avion	Curent Date (+/- 1)	10000	-2 (-12 %)	Same as Nature	C9006 - Zodiac conception	Zodiac conception	Refacturable
	Avion	Curent Date (+/- 1)	10000	12 (14%)	Same as Nature	C9006 - Zodiac conception	Zodiac conception	Non remboursable
	Avion	Curent Date (+/- 1)	10000	07(10%)du mmy	Same as Nature	C9006 - Zodiac conception	Zodiac conception	Refacturable Non remboursable

## 11. Ready Criteria

The environment and resources are available. The site is up and running. Dev code must be complete.

Credentials for the login page must be created and provided. Details of test and steps and expected results must be provided.

## 12. Exit Criteria

Strategy and Test cases, is reviewed, discussed, approved, and signed off by peers (at least 1 BA, 1 Dev, 1 QA)

## 13. Risks








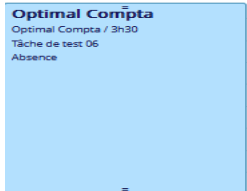
Due to the lack of skills related to the new automation tool, the execution of the entire test strategy is at risk.

## 14. Test Cases


### 1- Creation and Verification of Timing Element

Every scenario will be performed after login is successfully performed and the agenda page is displayed.


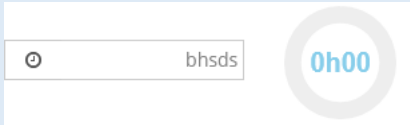
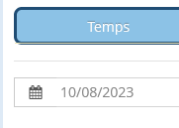
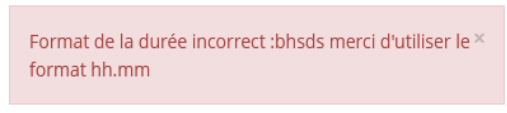

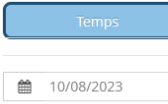
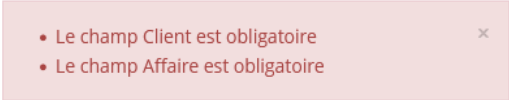
#### a- Nominal Scenario:

Actions	Result expected	Status	Comments
Verify the current date is between the default agenda range	SXX : Du (Monday date) au (Sunday date) août 2023  if today is 12/08/2023, the expected message would be  S32 : Du 7 au 13 août 2023		
<b>Create a timing element</b>  Click on   Enter simple normal value for every field          Click on "Valider"  	The timing element creation modal is displayed The date is already set with the selected value on the calendar.   10/08/2023  Verify comment is autofilled after choosing the Action  Verify the time duration is properly set    Verify created element is displayed with the proper value at the right date.  		

**b- Alternative Scenario:**

Actions	Result expected	Status	Comments
<p><b>Create a timing element</b></p> <p>Click on the created timing element</p> <p>Click on the two folders icon to duplicate</p> <p>Enter new simple normal values for every field</p> <p>Click on “Valider”</p> <div> <span>Fermer</span> <span>✓ Valider</span> </div>	 <p>Verify the modal is displayed and that all the field are displayed with the proper values of the previous timing element.</p> <p>Verify created element is displayed with the proper value at the right date.</p>		



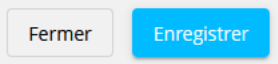

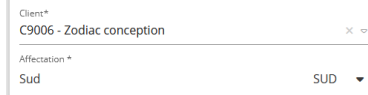



c- Error Scenario:

Actions	Result expected	Status	Comments
<p><b>Create a timing element</b></p> <p>Click on </p> <p>Enter string value for time and valid value for other field</p>  <p>Click Valider</p>	<p>The timing element creation modal is displayed The date is already set with the selected value on the  calendar.</p> <p>Verify error message</p> 		
<p><b>Create a timing element</b></p> <p>Click on </p> <p>Don't enter any value</p> <p>Click Valider</p>	<p>The timing element creation modal is displayed The date is already set with the selected value on the  calendar.</p> <p>Verify error message</p> 		

## 2- Creation and Verification of Expense Element

Every scenario will be performed after login is successfully performed and the expense report page is displayed.

### a- Nominal Scenario:


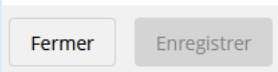
Actions	Result expected	Status	Comments
Verify the label 	The label should be visible		
<b>Create an expense element</b>  Click on   Enter simple normal value for every field.       Click on "Enregistrer" 	The expense element creation outlook panel is displayed to the right The date is already set with the current date value on the Date field.   Verify Client is auto filled after entering the Affectation   Verify amount label is properly set with the TVA value   Verify new "Note de frais en cours" is created.  Based on create element option (refactorable, Non remboursé) verify the value of the labels   Amount NDF = Sum of Amount of all expenses To reimburse = Sum of Amount of refundable expenses  Verify created element is displayed with the proper value under the element 		



**b- Alternative Scenario:**

Actions	Result expected	Status	Comments/Remarks
<p><b>Create an expense element</b></p> <p>Click on the 3dots in created expense element to duplicate</p> <p>Enter new simple normal values for every field or wrong value for TVA</p> <p>Click on “Enregistrer”</p> <div><div>Fermer</div><div>Enregistrer</div></div>	<div><div>1 000,00 €</div><div><div>Dupliquer</div></div></div> <p>Verify the expense element creation outlook panel is displayed to the right and that all the field are displayed with the proper values of the previous expense element.</p> <p>Verify created element is displayed with the proper value at the right date.</p>		

c- Error Scenario:

Actions	Result expected	Status	Comments
<b>Create an expense element</b>  Click on   Don't enter any value or leave one mandatory field (*) empty  Click Enregistrer	      Verify the "Enregistrer" button is not clickable  		

## 15. Defect tracking

Defect ID (link)	Description	Status