Test plan

Transaction type screen

Design phase

Version 0.01

Authors

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Introduction

All tests in this test plan will cover all current functionality in the application and will be limited to acceptance testing.

The functionality of the to be tested screens are limited to concept phase implementation and thus will be tested as such.

The goal of the tests is to test the implementation of the requested functionality.

All tests that will be executed because of this test plan will be documented and implemented in the author's internship report.

Objectives and tasks

The following screens and functionality within each screen will be tested through acceptance testing:

- Transaction type overview
    - Displaying all transaction types
    - Ordering data through table headers
    - Filtering results through the search bar
    - Selecting a single transaction type
- Admin menu
    - Correct redirect on links
- Entire Application
    - Language change

Errors and unexpected behaviors of functionality may or may not be fixed during the course of testing as the product to be tested is a proof of concept and is not expected or required to be flawless for delivery.

Acceptation testing will take into account the non-functional requirements set for the proof of concept in the design phase of the author's intern report.

Testing methods

All testing techniques used to test the product:

Testing of the product will be limited to acceptance testing only.

Acceptance testing
In acceptance testing the front of the running application is tested from the user's point of view.
These tests target all user inputs and actions as well as the screen's quality traits.
In these screens, all non-functional requirements set for the product are expected to work and displayed as described in the documentation.
Acceptance testing is testing if all the functionality works for the end-user and is acceptable for delivery.

Expectations

The asked functionality of the web application angular proof of concept is expected to be accessible and functional without any errors on the user's side.

Literature

Sources used to setup the test plan and tests:

No external sources have been used.

Tests

All test formats to be executed

Test Case	Displaying all transaction types		
Test method	Acceptance testing		
Purpose	Check if transaction types are loaded into the table and displayed correctly		
Initiation Criteria	The URL is accessible		
Execution Steps	1. Navigate to Transaction type through the menu 2. Wait for the table to load the data		
Expected Results	Expected results	Actual results	pass/fail
	The user is redirected to the transaction type screen		
	The table loads the transaction type data from the API		
Description(if fail)			

Test Case	Ordering data through table headers
Test method	Acceptance testing
Purpose	Check if transaction types data in the table can be ordered
Initiation Criteria	The table is filled with transaction type data
Execution Steps	1. Navigate to Transaction type through the menu 2. Wait for the table to load the data 3. Click on a table header to order on this data ASC or DESC.

Expected Results		
Expected results	Actual results	pass/fail
The user is redirected to the transaction type screen		
The table loads the transaction type data from the API		
The table is ordered on the MotherCode value		
The table is ordered on the Description value		

Solution(if fail)	

Test Case	Filtering results through the search bar
Test method	Acceptance testing
Purpose	Check if transaction types can be filtered through a search query
Initiation Criteria	The table is filled with transaction type data
Execution Steps	1. Navigate to Transaction type through the menu 2. Wait for the table to load the data 3. Enter text into the search bar
Expected Results	<table><tr><td>Expected results</td><td>Actual results</td><td>pass/fail</td></tr><tr><td>The user is redirected to the transaction type screen</td><td></td><td></td></tr><tr><td>The table loads the transaction type data from the API</td><td></td><td></td></tr><tr><td>Text can be entered through the search bar</td><td></td><td></td></tr><tr><td>The table is filtered on the given query</td><td></td><td></td></tr></table>
Solution(if fail)	

Test Case	Selecting a single transaction type
Test method	Acceptance testing
Purpose	Check if the user is redirected to the edit screen of the selected transaction type
Initiation Criteria	The table is filled with transaction type data
Execution Steps	1. Navigate to Transaction type through the menu 2. Wait for the table to load the data 3. Select a transaction type through the table
Expected Results	<table><tr><td>Expected results</td><td>Actual results</td><td>pass/fail</td></tr><tr><td>The user is redirected to the transaction type screen</td><td></td><td></td></tr><tr><td>The table loads the transaction type data from the API</td><td></td><td></td></tr><tr><td>A transaction type can be selected and the user gets redirected to the edit screen</td><td></td><td></td></tr></table>
Solution(if fail)	

Test Case	Selecting a single transaction type
Test method	Acceptance testing
Purpose	Check if the user is redirected to the edit screen of the selected transaction type
Initiation Criteria	The table is filled with transaction type data
Execution Steps	1. Navigate to Transaction type through the menu 2. Select a language from the dropdown in the top header 3. See textual changes to the table when a different language option is selected
Expected Results	
Solution(if fail)	

Expected results	Actual results	pass/fail
The user is redirected to the transaction type screen		
The language dropdown displays different options		
Table header names change when changing the language from nl to en		