

6.3.4.3 Automated investment end-to-end test case - E2E AI-3

End-to-End test case testing:

- Loan issue date from 5 months till 3 months ago
- Loan listing date from a month ago till 1 week ago
- Include loans already invested in ☒

Tested: @ Andis Lejietis, 19.11.2022, iOS 16 + API Windows 11



Test Case ID	E2E AI-3 LO API 1 - Creating loan with an issue date of 5-3 months
Description	Check that a loan with a custom issuing date can be created
Precondition	<ul style="list-style-type: none">• Loan Originator should be available and authorized
Test data	Loan Originator API key: dtzoCvPpltZWJHgNXavsJTCwNsErK9
Test steps	<ol style="list-style-type: none">1. Open Squad 6 Automated Loan originator in Confluence2. Find and download the "Automated Loan Creatorv1_2.postman_collection" file3. Open Postman4. Import the downloaded library5. Open Existing documentation and get the LO API key for Squad 66. Authorize in Postman under "Variables" using the LO API key7. Go to POST Create loan-Automated v1.2 /loans/store - Pre-request Script in Postman8. Modify loan data by instructions to create loans with a issue date dating 5, 4 and 3 months back<ul style="list-style-type: none">• Modify date on this line and in correct format to follow back 5, 4 and 3 months - <code>var myIssued = new Date('2022-12-12');</code>9. Repeat step 8 atleast three times to create multiple loans to execute necessary test process10. Click <Send>, observe
Expected result	<ul style="list-style-type: none">• Step number 6: User is successfully authenticated• Step number 10: Loans are successfully listed
Result	Passed

Test Case ID	E2E AI-3 LO API 2 - Invest page, Issue date
Description	Check that the Automated Investing filter can find loans with a issue date 5 to 3 month from current date
Precondition	<ul style="list-style-type: none">• User is logged in on https://income-frontend.code-lab.it/invest• Test case E2E AI-3 LO API 1 was executed successfully
Test data	-
Test steps	<ol style="list-style-type: none">1. Open https://income-frontend.code-lab.it/invest2. Open Invest page3. Click the <Automated investing>4. Click <+Create new strategy>5. Click the "Filters" button6. Choose the loan originator: CerebrumHub - 67. Adjust - Loan issue date to 5 to 3 months back from current date8. Adjust - Loan listing date to 1 week back from current date9. Click the <Show matching loans>
Expected result	Loans with ranges set by the user are listed
Result	Passed

Test Case ID	E2E AI-2 LO API 3 - Invest page, Creating a new strategy
Description	Check if an automated investing strategy with a custom loan term and Loan Originator can be created
Precondition	Test case E2E AI-3 LO API 2 was executed successfully.

Test data	-
Test steps	<ol style="list-style-type: none"> 1. Enter Strategy name 2. Enter Portfolio size 3. Enter Min and Max amounts for any single loan 4. Click the "I accept the terms of Assignment Agreements" checkbox 5. Click <Save and activate>
Expected result	<ul style="list-style-type: none"> • A new Automated Investment Strategy is successfully created • A summary block is shown and has the correct data
Result	Passed

Test Case ID	E2E AI-3 LO API 4 - Invest page, Checking if automated strategy works
Description	Checking if the newly created automated strategy works correctly
Precondition	Test case E2E AI-3 LO API 3 was executed successfully
Test data	-
Test steps	<ol style="list-style-type: none"> 1. Wait for the strategy to initiate, refresh the Automated Investing page 2. Observe executed changes
Expected result	<ul style="list-style-type: none"> • Automated investing into loans with matching criteria was executed without any problems • Presing <View invested loans> on Automated investing page, detailed information about the loans invested in can be seen • Presing <View recent autoinvest jobs>, detailed information about the selected automated investing strategy can be seen (Run time, Result Message, Invested Count, Invested Amount)
Result	Passed

Test Case ID	E2E AI-3 LO API 5 - Invest page, Checking if automated strategy continues to invest
Description	Checking if the automated strategy continues to repeatedly invest if all designated money have not been invested
Precondition	Test case E2E AI-3 LO API 4 was executed successfully
Test data	-
Test steps	<ol style="list-style-type: none"> 1. Observe if strategy has invested in all loans 2. Observe if strategy has available funds <ol style="list-style-type: none"> a. If funds are not sufficient, add funds to portfolio 3. reduce max investable amount to minimum available 4. If there is no loans available to invest <ol style="list-style-type: none"> a. Check - Include loans already invested in 5. Save changes 6. Strategy will execute once 7. Wait 61 to 121 min 8. Observe if strategy continues to invest as long as there are sufficient funds
Expected result	<ul style="list-style-type: none"> • Strategy will execute successfully after changes have been made as long as there are sufficient funds in portfolio • Strategy will continue to look for loans to invest until it is maxed out its portfolio or there are no available loans to invest
Result	Failed <div>  INC2-326 - [Automatic investing strategy ENG] Strategy executes only a single time TO DO </div> <div>  INC2-321 - [Automatic investing strategy ENG] Min amounts are not respected TO DO </div>