

6.4 Sprint testing report

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Loan originator

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Testing report

Squad Jira board: <https://cerebrumhubstudents.atlassian.net/jira/software/c/projects/INC2/boards/41>

Test scenario and Test case	Description	Tester: Maia Nurme	Tester: Andis Lejietis	Tester: Erkki Loginov	
		Date of testing: 21.11.22, 22.11.22,	Date of testing: 22.11.22	Date of testing: 21.11.22, 22.11.22	
		OS: Windows 11 Browser: Google Chrome version 107.0.5304.107	OS: iOS 16.1.1 Browser: Safari 16 API: Windows 11	OS: Windows 10 pro, version 21H2, build 19044.2006 Browser: Firefox version 108.0.1 (64-bit)	OS: Android 12 Browser: Chrome version 107.0.5304.91
Account					
Account balance table	Test whether or not Available Funds and Invested Funds amount changes when new manual investment is created.	Passed	Passed	Passed	Passed
Portfolio table - total balance	Adding a new investment to users portfolio - changes match portfolio total balance.	Passed	Passed	Passed	Passed
Portfolio table - loan payments	Investment <i>status</i> should match payments table in account page	Unable to test	Unable to test	Unable to test	Unable to test
Accessible links	All available links on account page transfer to a page it suggests it will.	Passed	Passed	Passed	Passed

Portfolio table - Investment count	Investments count matches actual amount of investments that user participates in and if adding an additional one changes the amount.	Passed	Passed	Passed	Passed
Explanations	All explanations that are marked by question mark have proper explanations in them and they are with correct grammar.	Passed	Passed	Passed	Passed
Assets invested donuts charts	User is shown correctly processed information in donuts chart when pressing buttons - <By Loan Type> ; <By Loan Originator>; <By Country>; <By Loan Duration> Meaning that user sees only what, where and by how much investments are made.	Passed	Failed <div> <div>  INC2-261 - [Account page EN] Assets invested charts data overlay TO DO </div> <div>  INC2-281 - [Account page EN] Assets invested charts datasets with no value TO DO </div> </div>	Passed	Passed
Filters, invest					
Manual investing - Filters - Interest rate	Verify that changing "Interest rate" percentages produce changes in the loans list	Passed	Passed	Passed	Passed
Manual investing - Filters - Favorite filters	Verify that filters can be saved and searched for in the filter search	Failed <div> <div>  INC2-305 - [Invest page ENG] Filter favourite search unresponsive with capital letters TO DO </div> </div>	Failed <div> <div>  INC2-305 - [Invest page ENG] Filter favourite search unresponsive with capital letters TO DO </div> </div>	Failed <div> <div>  INC2-305 - [Invest page ENG] Filter favourite search unresponsive with capital letters TO DO </div> </div>	Failed <div> <div>  INC2-305 - [Invest page ENG] Filter favourite search unresponsive with capital letters TO DO </div> </div>
Manual investing - Filters - Reset filters	Verify that "Reset filters" button resets all the filters.	Passed	Passed	Passed	Passed
Manual investing - Filters - Apply filters	Verify that the "Apply filters" button applies all the filters.	Passed	Passed	Passed	Passed
Manual investing - Filters - Remaining term	Verify that changing the "Remaining term" parameters will produce changes in the loans list.	Passed	Passed	Passed	Passed
Manual investing - Filters - Loan type	Verify that changing the parameters in the "Loan type" will produce changes in the loans list.	Passed	Passed Note: Changes were produced for the parameters that were accessible to see more information - view test case <i>Manual investing - Filters - Drop-down list</i>	Passed	Passed

Manual investing - Filters - Country	Verify that changing the "Country" parameters will only show the chosen countries in the loans list.	Passed	Passed	Passed	Passed
Manual investing - Filters - Loan originator	Verify that choosing the different loan originators from the "Loan originator" list will only show the chosen loan originators in the loans list.	Passed	Passed	Passed	Passed
Manual investing - Filters - Loan amount	Verify that choosing the different loan amount from the "Loan amount" bar will only show the suitable loans in the loans list.	Passed	Passed	Passed	Passed
Manual investing - Filters - Term	Verify that choosing the different term from the "Term" bar will only show the suitable loans in the loans list.	Passed	Passed	Passed	Passed
Manual investing - Filters - Loan status	Verify that choosing the different loan status from the "Loan status" list will only show the suitable loans in the loans list.	Passed	Passed	Passed	Passed
Manual investing - Filters - Available amount	Verify that choosing the different available amount from the "Available amount" bar will only show the suitable loans in the loans list.	Passed	Passed	Passed	Passed
Manual investing - Filters - Loan ID	Verify that inserting valid loan ID to the "Loan ID" field gives out right loan.	Passed	Passed	Passed	Passed
Manual investing - Filters - Loan ID2	Verify that deleting loan ID from the "Loan ID" field brings back all the available loans in the list.	Failed 🔴 INC2-177 - [My Investments page EST] Loan ID filter partly not working TO DO	Passed	Passed	Passed
Manual investing - Filters - Set filter as favorite	Verify that "Set filter as favorite" functionality enables to save the currently chosen parameters.	Passed	Passed	Passed	Passed
Manual investing - Filters - Sliders responsiveness	Verify that filter sliders responds with changes in Potential loan count	Passed	Failed 🔴 INC2-295 - [Invest page ENG] Interest Rate slider can become unresponsive TO DO	Failed 🔴 INC2-295 - [Invest page ENG] Interest Rate slider can become unresponsive TO DO	Failed 🔴 INC2-295 - [Invest page ENG] Interest Rate slider can become unresponsive TO DO

Manual investing - Filters - Potential loans	Verify that the count of the Potential loans available does not fluctuate and remains sound if no changes are applied	Passed	Failed INC2-294 - [Invest page ENG] Potential loan number broken in the filter list TO DO	Failed INC2-294 - [Invest page ENG] Potential loan number broken in the filter list TO DO	Failed INC2-294 - [Invest page ENG] Potential loan number broken in the filter list TO DO
Manual investing - Filters - Drop-down list	Verify that all drop down lists items can be accessed by the user and are selectable	Passed	Failed INC2-296 - [Invest page ENG] filter list drop down menu items has no access TO DO	Passed	Failed INC2-296 - [Invest page ENG] filter list drop down menu items has no access TO DO
Manual investing					
Manual investing 1 - Minimum investment	Check that no investments below the minimum amount can be made.	Failed INC2-168 - [Invest page EN] Investments less than 10€ can be made TO DO	Failed INC2-168 - [Invest page EN] Investments less than 10€ can be made TO DO	Failed INC2-168 - [Invest page EN] Investments less than 10€ can be made TO DO	Failed INC2-168 - [Invest page EN] Investments less than 10€ can be made TO DO
Manual investing 2 - Loan textbox symbols	Check that only numerical symbols can be entered into the textbox when trying to invest in a loan on the Invest page.	Passed	Passed	Passed	Passed
Manual investing 3 - Maximum investment amount	Check that when trying to invest in a loan, the desired investment amount cannot exceed the available amount.	Passed	Passed	Passed	Passed
Manual investing 4 - LO detailed info	Check that the user can access the loan details view page to see detailed information regarding the LO and borrower.	Passed	Passed	Passed	Passed
Manual investing 5 - Changing investment amount	Check that the user can change the investment amount on the Confirm Investment page.	Passed	Passed	Passed	Passed
Manual investing 6 - Multiple investments	Check that the user can confirm multiple investments at the same time on the Confirm Investment page.	Passed	Passed	Passed	Passed
Automated investment end-to-end test case - E2E AI-1					
E2E AI-1 LO API 1 - Creating loan with Country Indonesia using API	Check that loan with the country Indonesia can be created	Passed	Test not performed	Test not performed	Test not performed
E2E AI-1 LO API 2 - Invest page, Country	Check that the Automated Investing filter can find loans with country Indonesia	Passed	Test not performed	Test not performed	Test not performed





E2E AI-1 LO API 3 - Invest page, Creating a new strategy	Check if an automated investing strategy with a custom loan country and Loan Originator can be created	Passed	Test not performed	Test not performed	Test not performed
E2E AI-1 LO API 4 - Invest page, Checking if automated strategy works	Checking if the newly created automated strategy works correctly	Passed	Test not performed	Test not performed	Test not performed
Automated investment end-to-end test case - E2E AI-2					
E2E AI-2 LO API 1 - Creating loan term with 12 months using API	Check that a loan with a custom loan term can be created	Test not performed	Test not performed	Passed	Created using Windows 10
E2E AI-2 LO API 2 - Invest page, Remaining Term	Check that the Automated Investing filter can find loans with a remaining term of 10-12 months	Test not performed	Test not performed	Passed	Passed
E2E AI-2 LO API 3 - Invest page, Creating a new strategy	Check if an automated investing strategy with a custom loan term and Loan Originator can be created	Test not performed	Test not performed	Passed	Passed
E2E AI-2 LO API 4 - Invest page, Checking if automated strategy works	Checking if the newly created automated strategy works correctly	Test not performed	Test not performed	Failed INC2-326 - [Autom atic investing strategy ENG] Strategy executes only a single time TO DO	Failed INC2-326 - [Automa tic investing strategy ENG] Strategy executes only a single time TO DO
Automated investment end-to-end test case - E2E AI-3					
E2E AI-3 LO API 1 - Creating loan with issue date 5-3 months	Check that a loan with a custom issuing date can be created	Test not performed	Passed	Test not performed	Test not performed
E2E AI-3 LO API 2 - Invest page, Issue date	Check that the Automated Investing filter can find loans with a issue date 5 to 3 month from current date	Test not performed	Passed	Test not performed	Test not performed
E2E AI-2 LO API 3 - Invest page, Creating a new strategy	Check if an automated investing strategy with a custom loan term and Loan Originator can be created	Test not performed	Passed	Test not performed	Test not performed
E2E AI-3 LO API 4 - Invest page, Checking if automated strategy works	Checking if the newly created automated strategy works correctly	Test not performed	Passed	Test not performed	Test not performed

E2E AI-3 LO API 5 - Invest page, Checking if automated strategy continues to invest	Checking if the automated strategy continues to repeatedly invest if all designated money have not been invested	Test not performed	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>	Test not performed	Test not performed
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Corner test: create a loan end-to-end test case with every loan term and amount filtering option maxed out

E2E CO-1 LO API 1 - Creating a loan with every filtering option maxed out	Check that a loan with every loan term and amount filtering option maxed out can be created: <ul style="list-style-type: none"> Interest rate: 30% Remaining term: 72 months Loan amount: 10000€+ Term: 72 months Available amount: 10000 €+ 	Test not performed	Test not performed	Passed	Created using Windows 10
E2E CO-1 LO API 2 - Invest page, maximum filtering values	Check that the Automated Investing filter can find loans with values: <ul style="list-style-type: none"> Interest rate: 30% Remaining term: 72 months Loan amount: 10000€+ Term: 72 months Available amount: 10000 €+ 	Test not performed	Test not performed	Failed <div> INC2-331 - [Invest page ENG] Loan Amount slider bar in advanced filters malfunctioning TO DO </div> <div> INC2-332 - [Invest page ENG] Available Amount slider bar in advanced filters malfunctioning TO DO </div>	Failed <div> INC2-331 - [Invest page ENG] Loan Amount slider bar in advanced filters malfunctioning TO DO </div> <div> INC2-332 - [Invest page ENG] Available Amount slider bar in advanced filters malfunctioning TO DO </div>
E2E CO-1 LO API 3 - Invest page, Creating new strategy	Check if an automated investing strategy with a custom interest rate, remaining term, loan amount, term, available amount and Loan Originator can be created.	Test not performed	Test not performed	Passed	Passed
E2E CO-1 LO API 4 - Invest page, Checking if automated strategy works	Checking if the newly created automated strategy works correctly	Test not performed	Test not performed	Failed (Test case E2E CO-1 LO API 2 failed, automated strategy cannot find loans due to previously specified bugs)	Failed (Test case E2E CO-1 LO API 2 failed, automated strategy cannot find loans due to previously specified bugs)

Create a loan with negative and unmatching values

CO-2 LO API 1 - Create a loan with negative period values	Checking that whether or not the server accepts API with "period" negative and not matching schedule count total	Test not performed	Failed - <div>  INC2-322 - [API] "period" can be negative and doesn't have to correspond with "rowno" TO DO </div>	Test not performed	Test not performed
CO-2 LO API 2 - Create a loan with negative schedule	Check if system allows payment schedule to be negative and in chronological order	Test not performed	Failed - <div>  INC2-323 - [API] "rowno" chronological order can be altered TO DO </div>	Test not performed	Test not performed
CO-2 LO API 3 - Create a loan with other negative and extreme values	Check if system allows to create a loans with other negative and extreme values	Test not performed	Failed - <div>  INC2-325 - [API] "debt_amount" can be negative TO DO </div> <div>  INC2-328 - [API] Investor interest rate has no realistic limit TO DO </div>	Test not performed	Test not performed