

Manual testing: strategy

Test Suite: Bigbank Loan Calculator

QA: Liis Nelis

Browser: Google Chrome

Date: 11.06.2025

My manual test cases focused on validating the main functionality of the calculator as well as more visual and UX-oriented aspects that are more difficult to test accurately with automated tests.

What I tested:

- Positive flows - standard inputs produce expected results
- Boundary conditions - minimum/maximum values
- Invalid input handling - different input methods (slider vs. typing)
- Interaction with UI elements – hovering and clicking on elements




How many test scenarios would be needed to cover the functionality of the calculator:

Considering the application is most likely covered with automated tests as well, the manual test cases may not need to go into extreme detail on the functionality but rather focus more on the user experience. But to cover the whole functionality, I would say you need to keep the following scenarios in mind:





- Valid input scenarios (3-5 test cases)
- Boundary value tests (5-8 test cases)
- Invalid input scenarios (3-5 test cases)
- UI-UX behavior (5-8 test cases)
- Calculation validation (3-5 test cases)
- Unexpected user activity scenarios – double clicks, reloads etc. (5 test cases)
- Accessibility (3-5 test cases)
- Keyboard navigation scenarios (3-5 test cases)
- Different browsers and devices (5-8 test cases)









Manual testing report

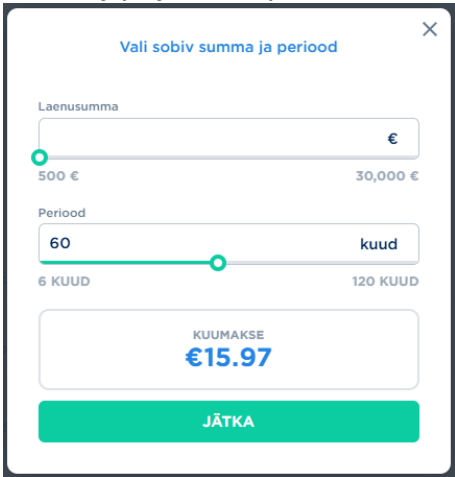

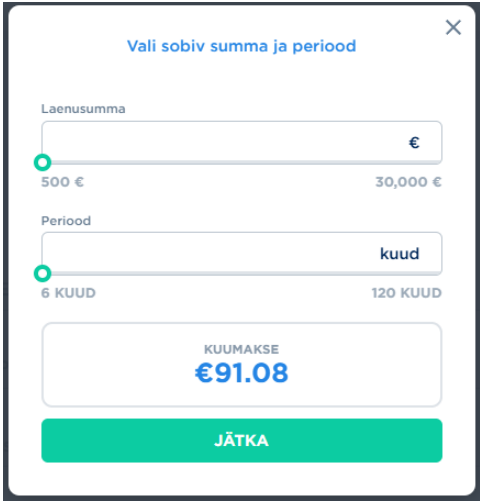

Table guide







Status	Symbol
Passed	
Minor defects	
Major defects	

Test cases

Test Case ID	Title	Test steps	Expected result	Actual result	Status
TC01	Default view	Open the page	Calculator modal appears after page has loaded	As expected	
		Check for pre-filled parameters	Amount = 5000 Period = 60 Result calculated	As expected	
TC02	Minimum values	Enter 500 for amount and change focus to somewhere else on the modal	Input is accepted Slider moves accordingly Monthly payment updated	As expected	
		Enter 6 for period and change focus to somewhere else on the modal	Input is accepted Slider moves accordingly Monthly payment updated	As expected	
TC03	Maximum values	Enter 30000 for amount and change focus to somewhere else on the modal	Input is accepted Slider moves accordingly Monthly payment updated	As expected	

		Enter 120 for period and change focus to somewhere else on the modal	Input is accepted Slider moves accordingly Monthly payment updated	As expected	
TC04	Slider interaction logic	Move amount slider to max	Amount = 30000 Monthly payment updated	As expected	
		Move period slider to min	Period = 6 Monthly payment updated	As expected	
TC05	Invalid input rejection	Type letters in amount field	Letter are ignored, cannot enter	As expected	
TC06	Value below minimum	Type 5 in amount field and change focus to somewhere else on the modal	Amount is corrected to minimum accepted value = 500 Monthly payment updated	As expected	
		Type 1 in period field and change focus to somewhere else on the modal	Period is corrected to minimum accepted value = 6 Monthly payment updated	As expected	
TC07	Value above maximum	Type 150000 in amount field and change focus to somewhere else on the modal	Amount is corrected to maximum accepted value = 30000 Monthly payment updated	As expected	
		Type 180 in period field and change focus to somewhere else on the modal	Period is corrected to maximum accepted value = 120 Monthly payment updated	As expected	

TC08	Empty fields	Delete the amount placeholder and move focus to somewhere else on the page	Amount field is corrected to the minimum accepted value = 500 Monthly payment updated	<p>The first attempt works as expected, but on the second try, the field is left empty and not automatically corrected. Monthly payment updated correctly.</p> 	
		Delete the period placeholder and move focus to somewhere else on the page	Period field is corrected to the minimum accepted value = 6 Monthly payment updated	<p>The first attempt works as expected, but on the second try, the field is left empty and not automatically corrected. Monthly payment updated correctly.</p> 	

TC09	Enter value without blur	Type amount value but do not move focus somewhere else on the page	Monthly payment is only updated on blur, not updated when user focus remains on current field	As expected	
		Type period value but do not move focus somewhere else on the page	Monthly payment is only updated on blur, not updated when user focus remains on current field	As expected	
TC10	Element state changes on interaction	Verify amount field state	Darker edges on mouse hover/click	As expected	
		Verify period field state	Darker edges on mouse hover/click	As expected	
		Verify “Jätka” button state	Darker on mouse hover Highlighted edges on clicking	As expected	
		Verify closing “X” state	Darker on mouse hover Highlighted edges on clicking	As expected	
TC11	Slider movement visual	Drag the sliders up and down the axis	Slider moves smoothly, without lagging	As expected	