

INTEREST RATE CALCULATOR TEST CASE – APPLICATION 03

- **TEST INFO**

Test ID: IRTST_03

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Test Design Date: 29/05/2021

Test Title: Interest rate validation test.

Description: Check if the inserted data will calculate the correct interest rate based on its rules and display it properly.

Pre-conditions: User is able to access the main screen.

- **BDD SCENARIO**

GIVEN that the user is on the main screen,

WHEN he types the requested fields with age and deposit amount

AND he hits the 'Calculate' button,

THEN the interest rate emerges on the screen,

AND a 'New Calculation' button is displayed on screen.

- **TEST CASE**

Step	Test Steps	Test Data	Expected Results
1	Type an age value	Int-type numbers (1, 2, 3 ... , n)	The typed number is displayed on the input field
1.1	Check if the input field accepts other digits than numbers	Strings, special characters and the space key	The user can't type any other digits than numbers

1.2	Check if the max number length allowed is 3.	3-length int numbers (100, 101, ... , 999)	3-length int numbers are the max allowed for the user to type
1.3	Check if an error is displayed when the input gets an age below 18	Int numbers below 18 (1, 2 ... , 17)	An error is displayed on screen and the operation can't be done
2	Type an deposit value	Float and int values	The typed number is displayed on the input field
2.1	Check if the input field accepts other digits than numbers and a comma or a dot	Strings, other special characters and the space key	The user can't type any other digits.
2.2	Check if an error is returned when the input field is submitted blank	Blank input field	An 'Type an age' error is displayed on screen
2.3	Check if a number greater than 10000 typed on the field returns an error	Numbers greater than 10000	An error is displayed on screen.
2.4	Check if a number less than 100 typed on the field returns an error	Numbers less than 100	An error is displayed on screen.
3	Click on the 'Calculate' button		The result is displayed on screen
3.1	Check if the result is 1.0% for values between 100 and 999	Numbers between 100 and 999	The result is displayed correctly
3.2	Check if the result is 1.3% for values between 1000 and 4999	Numbers between 1000 and 4999	The result is displayed correctly
3.3	Check if the result is 1.5% for values between 5000 and 10000	Numbers between 5000 and 10000	The result is displayed correctly
3.4	Check if the result is 2.0% for any values if the	All values between 100 and 10000	The result is displayed correctly

	age field is greater than 60		
4	Click on the 'New Calculation' button		The result is cleared from the screen and all the fields are set default