

# Test Report for 'Task - QA - Statement turnovers'

## Bug 1

**Title:** 'Balance before' and 'Balance after' shouldn't show as statements page loads as system is calculating turnover amount of all the given accounts together and showing it in those fields.

### Steps to Reproduce:

1. First enter few test data consisting of at least two account having different account id.
2. Calculate the turnover amount in 'Balance before', 'Balance after' fields.

**Actual Result:** System is calculating all present operations amount and putting them in 'Balance before', 'Balance after' fields.

**Expected Result:** As according to balance calculation for turnover states that '..total sum of operations that has happened in the *same account before* that operation...' the calculation in 'Balance before' and 'Balance after' are incorrect. When statement page load with account id search parameter, then those two fields should appear and their balance properly calculated.

### Screenshot:

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Statements			
Name	Account id	Date from	Date to
	Balance before: 0.00 EUR		
#	Account id	Money	Date
1	1	100.00 EUR	2020-09-14 00:00:00
2	1	-20.00 EUR	2020-09-15 00:00:00
3	2	50.00 EUR	2020-09-16 00:00:00
4	1	-30.00 EUR	2020-09-17 00:00:00
	Balance after 130.00 EUR		

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## **Bug 2**

**Title:** Turnover calculation becomes incorrect when as a second account's operation data is entered into the system. The data of 'Balance before', 'Balance after' shown from thereafter for the second account is incorrect.

### **Steps to Reproduce:**

1. First enter few test data consisting of only one account (having same account id).
2. Then enter a test data of another account (having different account id then then first account); in which no operations have been done before.
3. Enter second account's id in account id field and click search.
4. Calculate the turnover amount in 'Balance before', 'Balance after' fields.

**Actual Result:** System is calculating account 1's turnover balance and putting them account 2's balance before and after which is completely wrong.

**Expected Result:** System should show 'Balance Before' and 'Balance After' zero as just one operation has been done and no other operation has been performed before in this account.

### **Screenshot:**

Statements

Name: 2 Date from: Date to: Search

Balance before: 80.00 EUR			
#	Account id	Money	Date
3	2	50.00 EUR	2020-09-16 00:00:00
Balance after: 80.00 EUR			

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## **Bug 3**

**Title:** System cannot calculate turnover accurately after putting two accounts operations as system calculates turnover data treating all accounts operations as if they are from the same account.

### **Steps to Reproduce:**

1. First enter few test data consisting of at least two account having different account id.

2. Enter accounts id separately in account id field and click search.
3. Calculate the turnover amount in 'Balance before', 'Balance after' fields for each accounts.

**Actual Result:** System is calculating account id 1's and account id 2's turnover balance together treating them as if they are same account and 'balance before' and 'before after' values are incorrect for both accounts.

**Expected Result:** System should calculate turnover data of each account separately and when unique account id is inputted in search parameter, correct 'Balance before' and 'Balance after' should be appear to account's user.

### Screenshot(s):

Statements

Name  Date from  Date to  Search

Balance before: 0.00 EUR

#	Account id	Money	Date
1	1	100.00 EUR	2020-09-14 00:00:00
2	1	-20.00 EUR	2020-09-15 00:00:00
4	1	-30.00 EUR	2020-09-17 00:00:00

Balance after 130.00 EUR

Balance After should be 80.00 EUR

Statements

Name  Date from  Date to  Search

Balance before: 80.00 EUR

#	Account id	Money	Date
3	2	50.00 EUR	2020-09-16 00:00:00

Balance after 80.00 EUR

Balance Before and Balance After should be 0 EUR here

## **Bug 4**

**Title:** System's recalculation of turnovers after entering a previous date operation is incorrect as System can't detect it as a previous date operation.

### **Steps to Reproduce:**

1. First enter few test data consisting of only one account (having same account id);
2. Calculate the turnover amount in 'Balance before', 'Balance after' fields for the account.
3. Now enter an account operation with a previous date
4. Recalculate the turnover amount in 'Balance before', 'Balance after' fields for each account.

**Actual Result:** After entering previous date operation data, system should treat it as a previous data and recalculate turnover balance accordingly.

**Expected Result:** System's recalculation of turnovers after entering a previous date operation is incorrect because System doesn't detect that it has a previous date; just calculates data sequentially as inputted.

### **Screenshot(s):**

Statements

Name  Date from   Date to

Balance before: 0.00 EUR

#	Account id	Money	Date
1	1	100.00 EUR	2020-09-14 00:00:00
2	1	-20.00 EUR	2020-09-15 00:00:00
3	1	-30.00 EUR	2020-09-17 00:00:00
4	1	-20.00 EUR	2020-09-13 00:00:00

Balance after 50.00 EUR

Balance After should be 60 EUR as 13/09/2020 is actually the first operation and then the other ones.

## Statements

Name  Date from   Date to  

Balance before: 50.00 EUR

#	Account id	Money	Date
4	1	-20.00 EUR	2020-09-13 00:00:00

Balance after 50.00 EUR

Balance Before and After  
should be 0 EUR here as  
13/09/2020 is actually the  
first operation: (previous  
date input)