

Name	TransferFunds
ID	BankCustomer-11
Version	1
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Summary	Use case to perform a transfer of funds on behalf of a BankCustomer from one account to another
Basic Path	<ol style="list-style-type: none"> 1. The system displays the prompt for the selection of the FromAccount from the list of available accounts; a Cancel button is visible (screen SC-Transfer-1) 2. The BankCustomer selects a FromAccount 3. The system locates and displays the selected FromAccount Account object and prompts for the selection of the ToAccount from the list of available accounts (the selected FromAccount is not included); a Cancel button is visible 4. The BankCustomer selects a ToAccount 5. The system locates the selected ToAccount Account object; the system displays the selected FromAccount and ToAccount and prompts for the Amount of the transfer; a Cancel button is visible 6. The BankCustomer enters the Amount of the transfer and presses the OK button. 7. The system displays a prompt for the confirmation of the transfer (screen SC-Transfer-2); the selected FromAccount and ToAccount and the transfer Amount are displayed; OK and Cancel buttons are visible; 8. The BankCustomer presses the OK button; 9. The system checks if the FromAccount.balance is greater or equal to the transfer Amount 10. The system updates the balances in the FromAccount and ToAccount and creates a Transaction object detailing the transfer of funds, including the FromAccount, ToAccount, transfer Amount, as well as the Date and Time of the transfer; 11. The system displays the transfer confirmation (screen SC-Transfer-3), including the FromAccount, ToAccount, transfer Amount, as well as the Date and Time of the transfer and the Transaction.id; the account balances reflect the transfer
Alternative Paths	<ol style="list-style-type: none"> 1. If in 1. the BankCustomer presses the Cancel button the use case is terminated 2. If in 3. the BankCustomer presses the Cancel button the system goes to 1. in the Basic Path 3. If in 5. the BankCustomer presses the Cancel button the system goes to 1. in the Basic Path
Exception Paths	<ol style="list-style-type: none"> 1. If in 3 the selected FromAccount Account object cannot be located, the system displays the ServiceUnAvailableMessage and the use case is terminated. 2. If in 5 the selected ToAccount Account object cannot be located, the system displays the ServiceUnAvailableMessage and the use case is terminated. 3. If in 9. the FromAccount.balance is less than the transfer Amount, the system prints out the InsufficientFundsMessage to the BankCustomer; the system goes to 1. in the Basic Path
Extension Points	
Triggers	The BankCustomer elects to transfer funds between the customer's accounts
Assumption	
Pre-conditions	The customer has logged into the system; the Customer object has been located and is available
Post-conditions	The balances of the involved accounts are updated with the amount of the transfer and a corresponding Transaction object has been created.