<A BIDV based smart banking app>

Use-Case Specification: <Transfer>

Version <1.0>

Revision History

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Table of Contents

1. Use-Case Name 4

1.1 Brief Description 4

2. Flow of Events 4

2.1 Basic Flow 4

2.2 Alternative Flows 4

2.2.1 < First Alternative Flow > 4

2.2.2 < Second Alternative Flow > 5

3. Special Requirements 5

3.1 < First Special Requirement > 5

4. Preconditions 5

4.1 < Precondition One > 5

5. Postconditions 5

5.1 < Postcondition One > 5

6. Extension Points 5

6.1 <Name of Extension Point> 5

Use-Case Specification: <Transfer>

# Transfer

## Brief Description

This document describes the process of interactions between a user and the system to transfer money online from the current account to another account, which can be in the same bank or another, of the same user herself/himself or another.

# Flow of Events

## Basic Flow

Step 1: The user  clicks on “Transfer” button

Step 2: The system displays the “Select Beneficiary” page to the user, the mode “Within BIDV transfer” is selected as default

Step 3: The user selects another mode “Interbank transfer to account” or “Interbank transfer to card” depending on the target.

Step 4: The system displays the corresponding mode to the user

Step 5: The user enters the  target account number and click check

5.1 If the user selected the “Interbank transfer to account” mode, he/she has to enter the target bank name before

5.2 If the user selected the “Interbank transfer to card”, he/she has to enter the target card number instead of target account number

Step 6: The system displays the full name of the target account user.

Step 7: The user clicks on “Continue” button at the end of the page

Step 8: The systems displays the “Transaction information”

Step 9: The user fills in the form provided

9.1 The user enters the amount of money that he/she want to transfer

9.2 The user enters the transaction remark (limit 170 characters)

Step 10: The user clicks on “Continue” button at the end of the page

Step 11: The systems displays “Confirm transaction” page with full information of transaction with a space for enter pin code

Step 12: The users enters the correct pin code, then clicks on “Continue” button

Step 13: The system executes and displays a successful transaction

## Alternative Flows

*2.2.1. <The user choose the account from the saved beneficiary>*

After step 2, the users choose one of the saved beneficiaries, then the system displays the “Transaction information” for the user to continue as step 9.

*2.2.2. <Within my accounts>*

After step 2, if the user wants to transfer between the accounts of himself/herself, he/she can choose to turn on “Within my accounts” mode.

The system displays a dropdown selector to choose one of the user’s available accounts

The user clicks on the dropdown to choose the target account (this account should be different from the sender account)

*2.2.3. <Invalid target account number>*

After step 5, the target account number is entered by the user is invalid

The user has to redo step 5 until the target account number is valid and expected

*2.2.4. <Wrong pin code>*

In step 12, the user enters wrong pin code, a error notification is displayed to user

*2.2.5. <Cancel the transaction>*

In step 11, the user can cancel the transaction by clicking the “home” button in the upper right-hand corner. And the system will return to the main screen

# Special Requirements

## < Speed >

The execution speed should be as fast as possible. It means that when the user wants to take another transfer right away, make sure the account balance is updated.

* 1. **<The amount of money transferred is greater than 1000 VND>**

# Preconditions

* 1. **<The user has to login in advance>**
  2. **<Enough money>**

The amount of money that the user wants to transfer has to be less than the sender account balance

# Postconditions

## <Successful transaction >

A successfully message is displayed to user with all the transaction information and the serial number which is an ID for the transaction in case any malfunction

* 1. **<Cancel the transaction>**

The system returns the main screen.

# Extension Points

## 6.1. <Save the beneficiary>

In step 5, the user can choose to save the beneficiary to the system. All the saved beneficiaries can be used for the alternative flow 2.2.1.

## 6.2. <Save photo>

After successfully transaction is conducted, the user can choose to save the transaction information photo to device

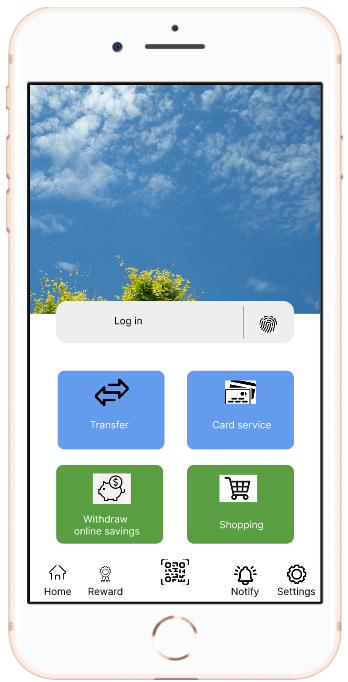
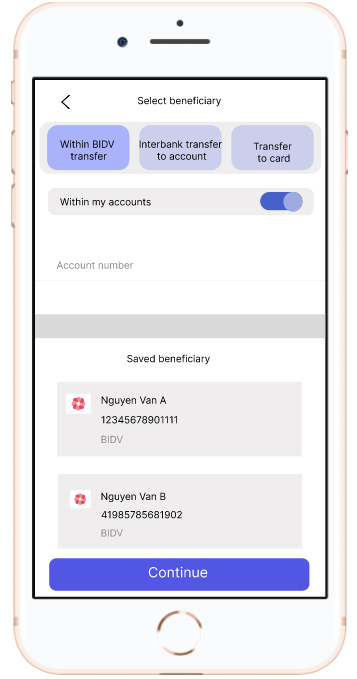
## 6.3. <Send email>

After successfully transaction is conducted, the user can choose to add to send an email about the transaction information

## 6.4. <Share>

After successfully transaction is conducted, the user can choose to share the transaction information to someone else via social media

# Prototype

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