<A BIDV based Smart Banking app>

Use-Case Specification: <Register a Periodical Payment>

Version <1.0>

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <dd/mmm/yy> | <x.x> | <details> | <name> |
| <28/11/2022> | <1.0> | <Analyse and write use cases> | <Lai Trang> |
|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Register a Periodical Payment 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: <Register a Periodical Payment>

# Register a Periodical payment

## Brief Description

This document describes the process of users registering a new periodical bill payment on BIDV Smart Banking. Periodically, usually monthly, the banking will deduct automatically the amount to pay the bill you have registered and send the information via SMS on telephone number and balance alert in BIDV Smart Banking

# Flow of Events

## Basic Flow

Step 1: User clicks on the plus sign on the bottom of right-hand conner of Periodical bill list screen to create a new periodical bill payment

Step 2: The system will show the “New Registration” screen to the user

Step 3: User clicks on the “Service type” button to select the service type

Step 4: The system will show the “Select service type” screen to the user

Step 5: User will choose:

5.1 Users select the services they want to pay automatically

5.2 The system will show the “Select provider” screen to the user

5.3 Users select a suitable provider

5.4 The system will show the “Select service” screen to the user

5.5 Users select a suitable service

Step 6: The system will return the “New registration” screen to the user automatically

Step 7: User enter “Customer code”

Step 8: User enter “Registration date” suitable date instead of default date

Step 9: User clicks on the “Next” button

Step 10: User enters the PIN Smart OTP registering before

Step 11: The system automatically fills the OTP code

Step 12: User clicks on the “Confirm” button within 120 seconds

Step 13: The system shows a successful registration screen and update all information

## Alternative Flows

### < Second way to fill select service type in some services (step 5) >

Step 5: User just select one of all services in “Select service type” this application will automatically fill the information remain includes Provider and Service

Step 6: The system will return the “New registration” screen to the user automatically

Step 7: User enter “Customer code”

Step 8: User enter “Registration date” suitable date instead of default date

Step 9: User clicks on the “Next” button

Step 10: User enters the PIN Smart OTP registering before

Step 11: The system automatically fills the OTP code

Step 12: User clicks on the “Confirm” button within 120 seconds

Step 13: The system shows a successful registration screen and update all information

### < Third way to fill select service type in some service (step 5) >

Step 5: User will choose:

5.1 Users select the services they want to pay automatically

5.2 The system will show the “Select provider” screen to the user

5.3 Users click on the “Close” button

Step 6: The system will return the “New registration” screen to the user

Step 7: User clicks on the “Provider” place to select a provider

Step 8: User click on the “Close” button

Step 9: The system will return the “New registration” screen to the user

Step 10: User clicks on the “Service” place to select a service

Step 11: User enters “Customer code”

Step 12: User enter “Registration date” suitable date instead of default date

Step 13: User clicks on the “Next” button

Step 14: User enters the PIN Smart OTP registering before

Step 15: The system automatically fills the OTP code

Step 16: User clicks on the “Confirm” button within 120 seconds

Step 17: The system shows a successful registration screen and update all information

### < Cancel the registration (all steps) >

Users can cancel the registration during the process by clicking on the arrow sign in the top left-hand conner or “Home” sign on the right hand conner

### <Service type is empty (step 3)>

If users skip Service type, the system will show a notification “Please select service type” when pressing “Next” button in step 9 and then the system returns step 3

### <Provider is empty (step 5.2)>

If uses skip Provider, the system will show a notification “Please select Provider” when pressing “Next” button in step 9 and then the system returns step 5.2

### <Service is empty (step 5.4)>

If users skip Service, the system will show a notification “Please select Service” when pressing “Next” button in step 9 and then the system returns step 5.4

### <The user enters wrong customer code>

When users enter a wrong customer code, the system will show a notification “Transaction can not be processed. Please try again later! (012) (012)”

### <No reply from user (all step)>

If the system requires users input and they do not response within an allotted time, this operation will close, and Login session has expired box appear and show a message “Session expired or your account has been logged in another device. Please login again”. Ask users login again if they want to continue or stop Register a new Periodical payment bill

### <The user enters wrong PIN code (step 10)>

If users enter the wrong PIN code, the system request re-enter one again. If users enter incorrectly more then 5 times, this transaction is automatically cancelled

### <The user does not enter “confirm” when OTP code sent within 120 seconds (step 16)>

If users do not enter confirm button to verify the OTP code within 120 seconds, the system will send one again until login session expired, and this transaction automatically returns New registration screen

# Special Requirements

None

# Preconditions

The user logged in the system and accessed the “Periodical payment” function

# Postconditions

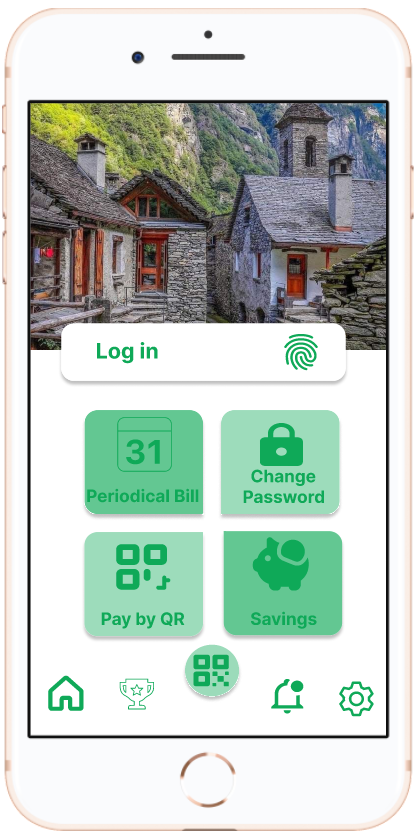
The system shows successfully registered message

# Extension Points

## <Display bill information>

After registering, user can see all kind of registered bills and its information

# Prototype

Graphical user interface, text, application, chat or text message

Description automatically generated

Graphical user interface, text, application, chat or text message

Description automatically generatedGraphical user interface, text, application, chat or text message

Description automatically generatedGraphical user interface, text, application

Description automatically generated