<A BIDV based Smart Banking app>

Use-Case-Realization Specification: <Change Password>

Version <1.0>

Revision History

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# Introduction

## Purpose

The document describes how users changing password in BIDV Smart Banking app on smartphones. This process will be clarified via Derived requirements and Flow of events – Design (design model, sequence diagram and class diagram)

## Scope

This document conducts changing password function on smartphone app for BIDV system

## Definitions, Acronyms, and Abbreviations

User: The customer who uses BIDV Smart Banking service

App: BIDV Smart Banking application provides on Google play or App store

GUI system: Graphic user interface shows interface to the end-user

Controller: provides for users input and modification

Model: database includes user’s account number, password….

## References

None

## Overview

Changing password in BIDV Smart Banking system will be summarized as follows, firstly, there are 2 diagrams we need to complete includes sequence diagram and class diagram, which is used to describe how the use-case is conducted. Last but not least, the derived requirement’s part is a textual description that collects all requirements, such as non-functional requirements, on the use-case realizations not considered in the design model, but that need to be taken care of during implementation

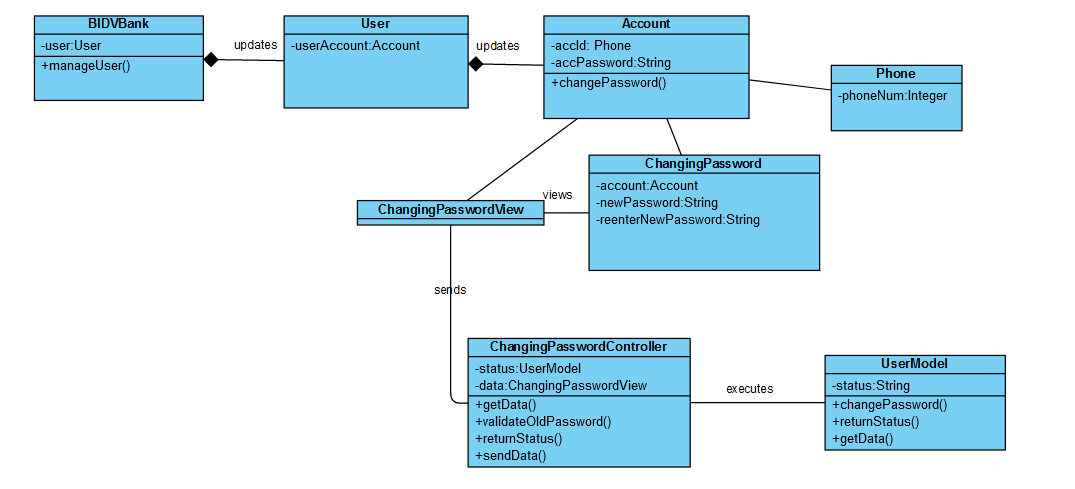
# Flow of Events—Design

## sequence diagram

Graphical user interface, application

Description automatically generated

## class diagram



# Derived Requirements

3.1 If user enters the wrong Old password, the system asks user to re-enter

3.2 If user enters New password not following the password condition, the system asks user to re-enter

3.3 If user enters New password not matching Re-enter new password, the system asks user to re-enter

3.4 If the system does not get any respond from user for an allotted time, the system asks user to login again because of his/her login session expiring