# Use case Diagrams and Written use cases

I. User

## 1. Sign up

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| **Use case’s Name** | **Sign Up** |
| **Description** | A user of the System creates an account |
| **Actors** | User |
| **Triggers** | User select the “Sign up” button |
| **Pre-Conditions** | User is on the home page, not logged in |
| **Post-Conditions** | User log in to the system with new account. |
| **Main Event Flow** | 1. User types personal information  2. User types a user name  3. User types the password  4. User click “Create Account” button  5. System verifier information and create account  6. System notify user successfully registration |
| **Alternative Event Flow** | - Cancel Register:  1. The User select the cancel option  2. The system returns the user to the home page without the user being logged in and any information entered has been erased.  - Invalid Information Entered:  1. The system notifies that the entered user information is duplicated or invalid  2. User re-enters information. |
| **Special Requirements** |  |

## 2. Check Fund Transfer Report

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| **Use case’s Name** | **Check Fund Transfer Report** |
| **Description** | User checks transaction history on the system |
| **Actors** | User |
| **Triggers** | User select the “Fund Transfer Report” option in the Report section |
| **Pre-Conditions** | The user has logged into the system |
| **Post-Conditions** |  |
| **Main Event Flow** | 1. User check transaction history  2. Look for the transaction via the benificial acconut number or amount |
| **Alternative Event Flow** |  |
| **Special Requirements** | Users have made online transactions on the system |

## 3. Check Book Transfer Report

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| **Use case’s Name** | **Check Book Transfer Report** |
| **Description** | The user checks the deposit or cash withdrawal history of the bank card linked to the system |
| **Actors** | User |
| **Triggers** | User select the “Book Transfer Report” option in the Report section |
| **Pre-Conditions** | The user has logged into the system |
| **Post-Conditions** |  |
| **Main Event Flow** | 1. User check transaction history  2. Look for the transaction via transaction type or amount |
| **Alternative Event Flow** |  |
| **Special Requirements** | The online account is already linked to the user's bank card |

## 4. Fund Transfer

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| **Use case’s Name** | **Fund Transfer** |
| **Description** | The user makes a money transfer to another account |
| **Actors** | User |
| **Triggers** | User select the “Fund Transfer” section |
| **Pre-Conditions** | The user has logged into the system |
| **Post-Conditions** | The transaction is saved in the fund transfer report and the user can check it again. |
| **Main Event Flow** | 1. User types the beneficial account.  2. User types amount of transaction.  3. User types content of transaction.  4. User click “OK” option.  5. System check account number and insufficient funds in From-account. |
| **Alternative Event Flow** | -User click “ reset” option:  1. The system erased the information that the user has entered.  2. User re-enter fund transfer information.  -Insufficient Funds in From-account:  1. the system displays the message "Insufficient funds in account. Please enter a smaller amount".  2. User re-type amount of fund transfer. |
| **Special Requirements** | The user's account must have a certain amount of money |

## 5. Edit Profile

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| **Use case’s Name** | **Edit User’s Profile** |
| **Description** | Users modify, update their profile |
| **Actors** | User |
| **Triggers** | User select the “My Profile” section |
| **Pre-Conditions** | The user has logged into the system |
| **Post-Conditions** | Profile updated with new information |
| **Main Event Flow** | 1. User check personal information in the profile  2. User click: change user name  3. User types a new user name  3. User click: change password  4. User enter the current password  5. User enter a new password  6. User retypes new password  7. User click “Save” button.  8. Sytem check the user information just entered  9. System update and save user’s data.  10. System notify user successfully updated. |
| **Alternative Event Flow** | -Wrong current password:  1. System warns user to incorrectly enter the current password.  2. User re-types current password.  -User click “Cancel” option  1. The system erased the information that the user has entered. |
| **Special Requirements** | The user remembers the current password exactly. |