

Use case Diagrams and Written use cases

User

1. Sign up

Use case's Name	Sign Up
Description	A user of the System creates an account
Actors	User
Triggers	User select the “Sign up” button in navigation bar
Pre-Conditions	User is on the home page, not logged in
Post-Conditions	A new account is saved in databases
Main Event Flow	<ol style="list-style-type: none">1. User types personal information: full name, phone number, address...2. User types a user name3. User types a password4. User click “Create Account” button5. System verifier information and create new account with the information that user entered6. System notifies the user successfully registration
Exception flow	<ol style="list-style-type: none">5.a Some required fields are not filled:<ol style="list-style-type: none">5.a.1 System shows a warning5.a.2 the user continues to fill in the missing information5.b Invalid Information Entered:<ol style="list-style-type: none">5.b.1 The system notifies that phone number/ email that has been registered before5.b.2.a User re-enters information with new information5.b.2.b User click “Cancel” button
Special Requirements	

2. Sign in

Use case's Name	Sign In
Description	The user signs in to Codee Bank with entering username and password

Actors	User
Triggers	User select the “Sign in” button in navigation bar
Pre-Conditions	User is on the home page, not logged in
Post-Conditions	User logged into Codee Bank System
Main Event Flow	<ol style="list-style-type: none"> 1. User enter username 2. User enter password 3. Click “Sign in” button 4. System check username and password in database 5. System redirect the user to main page
Exception flow	<ol style="list-style-type: none"> 4.a Error message: Invalid user name or password <ol style="list-style-type: none"> 4.a.1.a User re-enter user name and pass word 4.a.1.b User click “Cancel” button
Special Requirements	

3. Check Fund Transfer Report

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	<ol style="list-style-type: none"> 1. User click “Report” section and then click “ Fund Transfer Report” in navigation bar 2. User check transaction history 3. Search the transaction via the benificial acconut number or amount
Alternative Event Flow	
Special Requirements	Users have made online transactions on the system

4. Check Book Transfer Report

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 click “Report” section and then click “Book Transfer Report” in navigation bar 2. User check transaction history 3. 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

5. Fund Transfer

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	A new transaction has created
Main Event Flow	1. User click “Fund Transfer” section in navigation bar 2. User types the beneficial account. 3. User types amount of transaction. 4. User types content of transaction. 5. User click “OK” option. 6. System check beneficial account number and insufficient funds of user 7. System execute a new transaction

Extension Flow	5a. User click “reset” option: 5a.1 The system erased the information that the user has entered. 5a.2.a User re-enter fund transfer information 5a.2.b User leave the site 5b. Insufficient Funds in From-account: 5b.1 the system displays the message "Insufficient funds in account. Please enter a smaller amount". 5b.2.a User re-type amount of fund transfer 5b.2.b User leave the site
Special Requirements	The user's account must have a certain amount of money

6. Edit Profile

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.
Extension Flow	7a. User click “Cancel” option 7a.1 The system erased the information that the user has entered. 9a. Wrong current password: 9a.1 System warns user to incorrectly enter the current password. 9a.2 User re-types current password.

Special Requirements	The user remembers the current password exactly.