

Use Case Specifications

Use Case ID:	1.
Use Case Name:	Log In
Relevant Requirements:	SRS Document: 3.1.3 , 3.1.4 , 3.1.5 , 3.1.6
Primary Actor:	Teller, User
Pre-conditions:	Server is online
Post -conditions:	User is either successfully logged in or gets a login error.
Basic Flow or Main Scenario:	<ol style="list-style-type: none"> 1) Teller gets prompt to log in to an account. 2) Teller inputs username and password. 3) The server will log the user in when successful.
Extensions or Alternate Flow:	<ol style="list-style-type: none"> 1) User gets a prompt to log in to an account. 2) User inputs username and password. 3) The server will log the user in when successful
Exceptions:	User/Teller will get an error display on an unsuccessful login.
Related Cases:	Case: 2

Use Case ID:	2.
Use Case Name:	Log Out
Relevant Requirements:	SRS Document: 3.1.3 , 3.1.4 , 3.1.5 , 3.1.6
Primary Actor:	Teller, User
Pre-conditions:	The Teller or User has successfully been verified and logged onto the appropriate GUI
Post -conditions:	Teller has been logged out of the account and must log back in, if needed
Basic Flow or Main Scenario:	<ol style="list-style-type: none"> 1) User is prompted to log out 2) Server will log User out when successful or display an error when logout is unsuccessful
Extensions or Alternate Flow:	<ol style="list-style-type: none"> 1) User is prompted to log out 2) Server will log User out when successful or

Exceptions:	User/Teller will get an error display on an unsuccessful login.
Related Cases:	Case: 1

Use Case ID:	3.
Use Case Name:	Deposit
Relevant Requirements:	SRS Document: 3.1.3 , 3.1.4 , 3.1.5 , 3.1.6
Primary Actor:	Teller, User
Pre-conditions:	<ol style="list-style-type: none"> 1) User/Teller is logged in 2) Connected to server.
Post -conditions:	Money gets deposited into a specified account.
Basic Flow or Main Scenario:	<ol style="list-style-type: none"> 1) Teller specifies an account in which money will be deposited. 2) Teller enters the amount of money the user gives into account. 3) Money gets deposited into the account.
Extensions or Alternate Flow:	<ol style="list-style-type: none"> 1) User specifies an account in which money will be deposited. 2) User inserts cash into ATM 3) Money gets deposited into the account.
Exceptions:	N/A
Related Cases:	Case: 5, 7

Use Case ID:	4.
Use Case Name:	Withdraw
Relevant Requirements:	SRS Document: 3.1.3 , 3.1.4 , 3.1.5 , 3.1.6
Primary Actor:	Teller, User
Pre-conditions:	User/Teller is successfully logged in and verified by the server.

Post -conditions:	User/Teller has successfully withdrawn the correct amount of money from accounts they are verified to access and use.
Basic Flow or Main Scenario:	<ol style="list-style-type: none"> 1) User selects an account to withdraw a specific amount of money from. 2) Money is given to User from the account and is properly calculated.
Extensions or Alternate Flow:	<ol style="list-style-type: none"> 1) Teller selects an account to withdraw a specific amount of money from. 2) Money is given to Teller from the account and is properly calculated.
Exceptions:	Account minimum is reached.
Related Cases:	Case: 5, 6, 7

Use Case ID:	5.
Use Case Name:	Check Balance
Relevant Requirements:	SRS Document: 3.1.3 , 3.1.4 , 3.1.5 , 3.1.6
Primary Actor:	Teller, User
Pre-conditions:	User/Teller is successfully logged in and verified by the server.
Post -conditions:	User/Teller has successfully checked the account balance from accounts they are verified to access and use.
Basic Flow or Main Scenario:	<ol style="list-style-type: none"> 1) User selects account to check balance from
Extensions or Alternate Flow:	<ol style="list-style-type: none"> 1) Teller selects account to check balance from
Exceptions:	User/Teller will get an error display on an unsuccessful login or logout.
Related Cases:	Case: 1, 2, 3, 4

Use Case ID:	6.
Use Case Name:	Insufficient Funds
Relevant Requirements:	SRS Document: 3.1.3 , 3.1.4 , 3.1.5 , 3.1.6
Primary Actor:	Teller, User
Pre-conditions:	User/Teller is successfully logged in and verified by the server.
Post -conditions:	Server has verified that the account has insufficient funds.
Basic Flow or Main Scenario:	<ol style="list-style-type: none"> 1) User tries to withdraw money from specific account 2) Server checks and verifies the account has insufficient funds
Extensions or Alternate Flow:	<ol style="list-style-type: none"> 1) Teller tries to withdraw money from specific account 2) Server checks and verifies the account has insufficient funds
Exceptions:	N/A
Related Cases:	Case: 1, 2, 3, 4

Use Case ID:	7.
Use Case Name:	Transfer Funds
Relevant Requirements:	SRS Document: 3.1.3 , 3.1.4 , 3.1.5 , 3.1.6
Primary Actor:	Teller
Pre-conditions:	User/Teller is successfully logged in and verified by the server.
Post -conditions:	User/Teller successfully transferred funds to another account
Basic Flow or Main Scenario:	<ol style="list-style-type: none"> 1) User selects account they can access 2) User selects specified amount to transfer to another account 3) Money is transferred to the other account
Extensions or Alternate Flow:	<ol style="list-style-type: none"> 1) Teller selects account they can access 2) Teller selects specified amount to transfer to another account 3) Money is transferred to the other account

Exceptions:	Account minimum is reached.
Related Cases:	Case: 4, 5, 6

Use Case ID:	8.
Use Case Name:	Add Account
Relevant Requirements:	SRS Document: 3.1.3 , 3.1.4 , 3.1.5 , 3.1.6
Primary Actor:	Teller
Pre-conditions:	User/Teller is successfully logged in and verified by the server.
Post -conditions:	Account gets attached to the user.
Basic Flow or Main Scenario:	<ol style="list-style-type: none"> 1) User requests to add new account 2) Teller verifies and confirms request 3) Server adds new account to the user's account
Extensions or Alternate Flow:	N/A
Exceptions:	N/A
Related Cases:	Case: 1, 2, 3, 4, 10, 11

Use Case ID:	9.
Use Case Name:	Freeze Account
Relevant Requirements:	SRS Document: 3.1.3 , 3.1.4 , 3.1.5 , 3.1.6
Primary Actor:	Teller
Pre-conditions:	User/Teller is successfully logged in and verified by the server.
Post -conditions:	Account has been frozen
Basic Flow or Main Scenario:	<ol style="list-style-type: none"> 1) User requests account to be frozen 2) Teller freezes account

Extensions or Alternate Flow:	1) Account has suspicious activity 2) Teller freezes account
Exceptions:	N/A
Related Cases:	Case: 1, 2, 3, 4

Use Case ID:	10.
Use Case Name:	Deactivate Account
Relevant Requirements:	SRS Document: 3.1.3 , 3.1.4 , 3.1.5 , 3.1.6
Primary Actor:	Teller
Pre-conditions:	User/Teller is successfully logged in and verified by the server.
Post -conditions:	Account has been deactivated
Basic Flow or Main Scenario:	1) User requests account to be deactivated 2) Teller deactivates account
Extensions or Alternate Flow:	1) Teller requests account to be deactivated 2) Teller deactivates account
Exceptions:	N/A
Related Cases:	Case: 9

Use Case ID:	11.
Use Case Name:	Add User to Account
Relevant Requirements:	SRS Document: 3.1.3 , 3.1.4 , 3.1.5 , 3.1.6
Primary Actor:	Teller
Pre-conditions:	User/Teller is successfully logged in and verified by the server.
Post -conditions:	Account has been jointed with 2 or more users

Basic Flow or Main Scenario:	<ol style="list-style-type: none"> 1) User requests to add another User to their account 2) Teller verifies and confirms request 3) Server adds user to the account
Extensions or Alternate Flow:	N/A
Exceptions:	N/A
Related Cases:	Case: 1, 2, 3, 4, 12

Use Case ID:	12.
Use Case Name:	Remove User from Account
Relevant Requirements:	SRS Document: 3.1.3 , 3.1.4 , 3.1.5 , 3.1.6
Primary Actor:	Teller
Pre-conditions:	User/Teller is successfully logged in and verified by the server.
Post -conditions:	Account has 1 or more users removed from account
Basic Flow or Main Scenario:	<ol style="list-style-type: none"> 1) User requests to remove another user from their account 2) Teller verifies and confirms the request 3) Server removes user from the account
Extensions or Alternate Flow:	N/A
Exceptions:	N/A
Related Cases:	Case: 11