

## 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"> <li>1) Teller gets prompt to log in to an account.</li> <li>2) Teller inputs username and password.</li> <li>3) The server will log the user in when successful.</li> </ol>
Extensions or Alternate Flow:	<ol style="list-style-type: none"> <li>1) User gets a prompt to log in to an account.</li> <li>2) User inputs username and password.</li> <li>3) The server will log the user in when successful</li> </ol>
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"> <li>1) User is prompted to log out</li> <li>2) Server will log User out when successful or display an error when logout is unsuccessful</li> </ol>
Extensions or Alternate Flow:	<ol style="list-style-type: none"> <li>1) User is prompted to log out</li> <li>2) Server will log User out when successful or</li> </ol>

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"> <li>1) User/Teller is logged in</li> <li>2) Connected to server.</li> </ol>
Post -conditions:	Money gets deposited into a specified account.
Basic Flow or Main Scenario:	<ol style="list-style-type: none"> <li>1) Teller specifies an account in which money will be deposited.</li> <li>2) Teller enters the amount of money the user gives into account.</li> <li>3) Money gets deposited into the account.</li> </ol>
Extensions or Alternate Flow:	<ol style="list-style-type: none"> <li>1) User specifies an account in which money will be deposited.</li> <li>2) User inserts cash into ATM</li> <li>3) Money gets deposited into the account.</li> </ol>
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"> <li>1) User selects an account to withdraw a specific amount of money from.</li> <li>2) Money is given to User from the account and is properly calculated.</li> </ol>
Extensions or Alternate Flow:	<ol style="list-style-type: none"> <li>1) Teller selects an account to withdraw a specific amount of money from.</li> <li>2) Money is given to Teller from the account and is properly calculated.</li> </ol>
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"> <li>1) User selects account to check balance from</li> </ol>
Extensions or Alternate Flow:	<ol style="list-style-type: none"> <li>1) Teller selects account to check balance from</li> </ol>
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"> <li>1) User tries to withdraw money from specific account</li> <li>2) Server checks and verifies the account has insufficient funds</li> </ol>
Extensions or Alternate Flow:	<ol style="list-style-type: none"> <li>1) Teller tries to withdraw money from specific account</li> <li>2) Server checks and verifies the account has insufficient funds</li> </ol>
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"> <li>1) User selects account they can access</li> <li>2) User selects specified amount to transfer to another account</li> <li>3) Money is transferred to the other account</li> </ol>
Extensions or Alternate Flow:	<ol style="list-style-type: none"> <li>1) Teller selects account they can access</li> <li>2) Teller selects specified amount to transfer to another account</li> <li>3) Money is transferred to the other account</li> </ol>

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"> <li>1) User requests to add new account</li> <li>2) Teller verifies and confirms request</li> <li>3) Server adds new account to the user's account</li> </ol>
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"> <li>1) User requests account to be frozen</li> <li>2) Teller freezes account</li> </ol>

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"> <li>1) User requests to add another User to their account</li> <li>2) Teller verifies and confirms request</li> <li>3) Server adds user to the account</li> </ol>
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"> <li>1) User requests to remove another user from their account</li> <li>2) Teller verifies and confirms the request</li> <li>3) Server removes user from the account</li> </ol>
Extensions or Alternate Flow:	N/A
Exceptions:	N/A
Related Cases:	Case: 11