# Test Case Table for Banking System Front End

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| Test Case Name | Purpose/Intent | Input Description | Expected Output |
| Login\_Test\_Valid | Verify successful login with valid credentials | Username: user1, Password: pass123 | Login successful. Welcome, user1! |
| Login\_Test\_Invalid | Verify system response to invalid credentials | Username: user1, Password: wrongpass | Invalid credentials. Please try again. |
| Save\_Money\_Valid | Save money to an account with a valid amount | User command: SAVE, Account ID: 1001, Amount: 300 | Save successful. New balance: $1,550.00 |
| Save\_Money\_Invalid | Handle save operation with invalid amount | User command: SAVE, Account ID: 1001, Amount: -300 | Error: Invalid save amount. |
| Transfer\_Valid | Transfer money between valid accounts | User command: TRANSFER, From Account: 1001, To Account: 1002, Amount: 200 | Transfer successful. New balance: $1,050.00 (1001), $200.00 (1002) |
| Transfer\_Same\_Account | Ensure transferring to the same account is not allowed | User command: TRANSFER, From Account: 1001, To Account: 1001, Amount: 100 | Error: Cannot transfer money to the same account. |
| Transfer\_Insufficient | Verify transfer with insufficient funds | User command: TRANSFER, From Account: 1001, To Account: 1002, Amount: 5000 | Error: Insufficient funds for transfer. |
| Transfer\_Invalid\_Account | Transfer money to a non-existent account | User command: TRANSFER, From Account: 1001, To Account: 9999, Amount: 200 | Error: Target account does not exist. |
| Withdraw\_Valid | Take money out of an account with sufficient funds | User command: WITHDRAW, Account ID: 1001, Amount: 250 | Withdrawal successful. New balance: $1,250.00 |
| Withdraw\_Insufficient | Verify withdrawal with insufficient funds | User command: WITHDRAW, Account ID: 1001, Amount: 5000 | Error: Insufficient funds. |
| Withdraw\_Invalid\_Amount | Handle withdrawal with an invalid amount | User command: WITHDRAW, Account ID: 1001, Amount: -100 | Error: Invalid withdrawal amount. |
| Balance\_Check\_Valid | Check balance inquiry functionality for a valid account | User command: BALANCE, Account ID: 1001 | Your balance is $1,250.00 |
| Balance\_Check\_Invalid | Verify response for non-existent account | User command: BALANCE, Account ID: 9999 | Error: Account does not exist. |
| Account\_Close\_Valid | Verify account closure with zero balance | User command: CLOSE, Account ID: 1001 | Account closed successfully. |
| Account\_Close\_NonZero | Handle account closure attempt with non-zero balance | User command: CLOSE, Account ID: 1002 | Error: Cannot close account with non-zero balance. |
| Session\_Timeout | Verify system logout after inactivity | No activity for 10 minutes | Session timed out. Please log in again. |
| Concurrent\_Login | Verify behavior when multiple logins for the same account occur | Username: user1 logging in while already logged in | Error: User already logged in. |