

# User Acceptance Test (UAT) Stories

*BalanceTab, TrackUsage, and Transaction Components*

## UAT Stories for BalanceTab Component

### Story 1: Fetch and Display User Accounts

- Given the user is logged into the application.
- When the BalanceTab component is loaded.
- Then the system should fetch the user's accounts from the API and display them with the account name and balance.

### Story 2: Add New Account

- Given the user is logged into the application.
- When the user enters a new account name and clicks the 'Add Account' button.
- Then the system should create a new account using the API, fetch the updated accounts, and display them on the screen.

### Story 3: Set Default Account

- Given the user has multiple accounts.
- When the user clicks 'Set as Default' next to an account.
- Then the system should set that account as the default and update the UI to reflect this change, ensuring only one account can be set as default.

### Story 4: Delete Account

- Given the user has at least one account.

- When the user clicks the 'Delete' button next to an account.
- Then the system should remove the account using the API, fetch the updated list of accounts, and display the changes.

### **Story 5: Transfer Money Between Accounts**

- Given the user has multiple accounts with sufficient balance in the source account.
- When the user selects a source and destination account, enters an amount, and clicks 'Transfer.'
- Then the system should transfer the specified amount between the accounts, update the account balances, and display a success message.

### **Story 6: Handle Insufficient Funds During Transfer**

- Given the user attempts to transfer more money than is available in the source account.
- When the user clicks 'Transfer.'
- Then the system should display an error message stating that there are insufficient funds in the source account.

## **UAT Stories for TrackUsage Component**

### **Story 1: Fetch and Display Transactions**

- Given the user is logged into the application.
- When the TrackUsage component is loaded.
- Then the system should fetch the user's default account transactions from the API and display them.

### **Story 2: Filter Transactions by Month and Year**

- Given the user has transactions recorded in multiple months.

- When the user selects a specific month and year.
- Then the system should filter and display only the transactions that occurred in the selected month and year.

### **Story 3: Display 'No Transactions Found' Message**

- Given the user has no transactions for the selected month and year.
- When the user selects a specific month and year.
- Then the system should display a message saying, 'No Money In/Money Out transactions for this month.'

## **UAT Stories for Transaction Component**

### **Story 1: Display Transaction History**

- Given the user is logged into the application.
- When the Transaction component is loaded.
- Then the system should fetch and display the user's transaction history with the transaction amount and date.

### **Story 2: Display Error When No User is Logged In**

- Given no user is logged in.
- When the Transaction component is loaded.
- Then the system should display an error message saying, 'No user is logged in.'

### **Story 3: Display Loading Indicator While Fetching Data**

- Given the transaction data is being fetched from the API.
- When the Transaction component is loaded.

- Then the system should display a loading indicator until the data has been successfully fetched.

#### **Story 4: Handle API Fetch Errors**

- Given an error occurs during the transaction data fetch (e.g., network issue or server error).
- When the Transaction component is loaded.
- Then the system should display an error message saying, 'Error fetching transactions.'