Acceptance Testing

1. **Swipe Card, Verify and Account Selection**

|  |  |
| --- | --- |
| **Brief Description:** | The user swipes a card and a PIN is entered, verified and sent to account selection |
| **Flow of Events:** | 1. The user swipes card 2. The user enters PIN. 3. The account verification confirms PIN is correct. 4. The user is granted access to account selection. |
| **Test Execution:** |  |

1. **Check Account Balance**

|  |  |
| --- | --- |
| **Brief Description:** | A logged in user requests account balance for an account, balance is displayed. |
| **Flow of Events:** | 1. Logged in user selects an account. 2. The user requests account balance action. 3. The Transaction manager performs account balance action. 4. The user is shown the account balance. |
| **Test Execution:** |  |

1. **Withdraw from account (enough funds)**

|  |  |
| --- | --- |
| **Brief Description:** | A logged in user requests withdraw from an account, enters an amount, balance is decreased, and new balance is displayed. |
| **Flow of Events:** | 1. Logged in user selects an account. 2. The user requests withdraw action. 3. The user enters withdraw amount. 4. The Transaction manager verifies for needed funds and performs withdraw action. 5. The user is shown the account balance. |
| **Test Execution** |  |

1. **Deposit into account**

|  |  |
| --- | --- |
| **Brief Description:** | A logged in user requests deposit into an account, enters an amount, balance is increased, and new balance is displayed. |
| **Flow of Events:** | 1. Logged in user selects an account. 2. The user requests deposit action. 3. The user enters deposit amount. 4. The Transaction manager performs withdraw action. 5. The user is shown the account balance. |
| **Test Execution:** |  |

1. **Withdraw from account (Insufficient funds).**

|  |  |
| --- | --- |
| **Brief Description:** | A logged in user requests withdraw from an account, enters an amount larger than available, balance is not adjusted, and error message is displayed. |
| **Flow of Events:** | 1. Logged in user selects an account. 2. The user requests withdraw action. 3. The user enters withdraw amount. 4. The Transaction manager verifies needed funds. 5. The verify fails. 6. The Insufficient funds error message is displayed. |
| **Test Execution:** |  |

1. **Incorrect PIN (3 times)**

|  |  |
| --- | --- |
| **Brief Description:** | A user attempts to enter an incorrect PIN 3 times, account is locked. |
| **Flow of Events:** | 1. User swipes card. 2. The user enters an incorrect PIN. 3. The account verifier fails authentication. 4. The steps 2,3 are repeated 3 times. 5. The account verifier locks the account. 6. An Error message saying account locked is displayed. |
| **Test Execution:** | A screenshot of a cell phone  Description automatically generated |

1. **Transfer money between accounts**

|  |  |
| --- | --- |
| **Brief Description:** | A logged in user requests transfer from an account, selects destination account, enters an amount, originating account’s balance is decreased, destination account’s balance is increased. Both new balances are displayed. |
| **Flow of Events:** | 1. Logged in user selects an account. 2. The user requests transfer action. 3. The user selects destination account. 4. The user enters an amount. 5. The Transaction manager verifies for needed funds and preforms transfer action. 6. The user is shown the account balance. |
| **Test Execution:** | A screenshot of a computer  Description automatically generated |

1. **Transfer money between accounts (Insufficient Funds)**

|  |  |
| --- | --- |
| **Brief Description:** | A logged in user requests transfer from an account, selects destination account, enters an amount larger than originating accounts balance, no balances are changed, Insufficient funds error message displayed. |
| **Flow of Events:** | 1. Logged in user selects an account. 2. The user requests transfer action. 3. The user selects destination account. 4. The user enters an amount. 5. The Transaction manager verifies for needed funds. 6. Verifier fails 7. Insufficient funds message displayed. |
| **Test Execution:** | A screenshot of a cell phone  Description automatically generated |