

Test Design Techniques

User Story : View All Accounts and Balances on Dashboard

Title: Account Overview Display

Description: As a user, I want to view all my bank accounts and their current balances on a centralized dashboard so I can quickly understand my financial standing.

Type: User

Test Cases:

1. Check account summary layout and readability (UI Test)
2. Validate correct balance displayed for each account
3. Verify all accounts are listed on dashboard

Applied Test Design Techniques : Equivalence Partitioning (EP), and State Transition Technique (UI Validation)

Equivalence Partitioning (EP)

1. Used to group account and balance values into valid/invalid classes for display logic.

Equivalence Partitioning (EP)

Field	Valid	Invalid
Account Display	Active accounts with positive balances	Missing account rows, duplicate entries
Balance Display	Correct balances post-deposit/transfer	Incorrect, outdated, or null balance values
Layout Rendering	Responsive, readable on desktop/mobile devices	Broken layout, overlapping text, unresponsive UI

State Transition Technique (ST)

1. If user is not logged in → redirected to login page.
2. If user is logged in and has active accounts → account summary displays all accounts with accurate balances.
3. If no accounts exist → user sees a message indicating no active accounts.