

Test Design Techniques

User Story : Opening a New Checking or Savings Account

Title: Account Creation Functionality

Description: As a user, I want to open a new checking or savings account so I can expand my banking options and manage multiple financial goals within the system.

Type: Story

Test Cases:

1. Attempt to open account without selecting funding source
2. Attempt to open an account without selecting account type
3. Open a new savings account successfully
4. Open a new checking account successfully

Applied Test Design Techniques : Equivalence Partitioning (EP), and Boundary Value Analysis (BVA)

Equivalence Partitioning (EP)

1. Used to categorize input fields into valid and invalid partitions for test coverage.

Equivalence Partitioning (EP)

Field	Valid	Invalid
Account Type	Checking, Savings	None selected (empty)
Existing account	Any existing account	No existing selected (empty)

Boundary Value Analysis (BVA)

1. Applicable when a new account register with minimum balance. (Assumption: Account requires at least ₹500 to open and max ₹1000)

Boundary Value Analysis (BVA)- Minimum Opening Balance

Invalid	Valid	Invalid
499	500,.....,1000	1001