Test Design Techniques

User Story : Deposit Money into an Account – Account Deposit Functionality

Title: Account Deposit Validation

Description: As a user, I want to deposit money into an account so I can increase its balance.

Type: Functional

Test Cases:

1. Deposit Zero Amount
2. Invalid Deposit Amount (Negative Value)
3. Valid Deposit Amount

Applied Test Design Techniques : Equivalence Partitioning (EP), Boundary Value Analysis and State Transition Technique

Equivalence Partitioning (EP)

1. Used to test valid and invalid money deposit amounts.

Equivalence Partitioning (EP)

Field	Valid	Invalid
Deposit Amount	Positive numeric values (e.g., ₹1000)	Zero (₹0), Negative values (e.g., -₹500)

Boundary Value Analysis (BVA)

1. I tested the edge cases around the minimum depositable amount.

Boundary Value Analysis (BVA)- Amount

Lower	Invalid	Valid
1	0	2

State Transition Technique (ST)

1. From Deposit Page:
   - If deposit = 0 → stay on Deposit Page → show “Amount must be greater than zero”
   - If deposit < 0 → stay on Deposit Page → show “Amount cannot be negative”
   - If deposit > 0 → go to Dashboard or Confirmation Page → show success and update balance.