

Test Name/Number	What Was Being Tested	Nature of the Failure	Error in the Code	Actions Taken to Fix It
Test_Login_Without_Account_Holder_Name	Standard Login Without Account Holder Name	The program allowed login without the account holder's name.	No validation on account holder's name during login.	Added validation for account holder's name on login.
Test_Login_Admin_Without_Account_Holder_Name	Admin Login Without Account Holder Name	The program allowed admin login without account holder's name.	Admin login bypassed name validation.	Implemented a check for account holder's name before admin login.
Test_Logout_Without_Login	Logout Without Login	The program allowed logout without being logged in.	No check to ensure user is logged in before logging out.	Added validation to check if a user is logged in before logout.
Test-Withdrawal_With_Insufficient_Funds	Withdrawal With Insufficient Funds	The program allowed withdrawal even when the balance was insufficient.	No check for balance before processing withdrawal.	Implemented a balance check before withdrawal.
Test-Withdrawal_Exceeds_Max_Limit	Withdrawal Exceeds Max Limit	The program allowed withdrawal above the defined limit.	No check for maximum withdrawal limit.	Added validation for withdrawal limit before processing.
Test_Transfer_Exceeding_Transfer_Limit	Transfer Exceeding Transfer Limit	The program allowed transfer beyond the user limit.	Missing validation for transfer limits in standard mode.	Implemented a check for transfer limits before executing the transfer.
Test_Transfer_To_Non_Existing_Account	Transfer to Non-Existent Account	The program allowed transfer to a non-existent account.	No validation for recipient account existence.	Added recipient account existence validation before transfer.
Test_Transfer_Without_Recipient_Account_Number	Transfer Without Recipient Account Number	The program allowed transfer without recipient account number.	No validation for recipient account number.	Implemented a check for recipient account number presence before transfer.

Test_Paybill_To_Invalid_Company	Paybill to Invalid Company	The program allowed payment to an invalid company.	No validation for company name before payment.	Added company name validation before making payments.
Test_Deposit_With_Negative_Amount	Deposit with Negative Amount	The program allowed deposit of a negative amount.	No check for negative deposit amounts.	Added validation to prevent negative deposit amounts.
Test_Deposit_Into_Non_Existent_Account	Deposit into Non-Existent Account	The program allowed deposit into a non-existent account.	No check for account existence before deposit.	Added account existence check before processing deposit.
Test_Create_With_Duplicate_Account_Number	Creating Account with Duplicate Account Number	The program allowed account creation with a duplicate account number.	No check for duplicate account numbers during creation.	Added duplicate account number check during account creation.
Test_Create_Without_Account_Holder_Name	Creating Account Without Account Holder Name	The program allowed account creation without an account holder name.	No validation for account holder's name during account creation.	Implemented validation to check for account holder's name.
Test_Delete_Non_Existent_Account	Deleting Non-Existent Account	The program allowed deletion of a non-existent account.	No check for account existence before deletion.	Added account existence check before account deletion.
Test_Disable_Without_Admin_Rights	Disabling Account Without Admin Rights	The program allowed account disabling without admin rights.	No admin rights check before disabling an account.	Implemented admin permission check before disabling an account.
Test_Disable_Non_Existent_Account	Disabling Non-Existent Account	The program allowed disabling of a non-existent account.	No check for account existence before disabling.	Added account existence check before disabling an account.
Test_Invalid_Transaction_File_Format	Invalid Transaction File Format	The program allowed processing of an invalid transaction file format.	No validation for file format before processing transaction files.	Added validation for transaction file format before processing.

Test_Transfer_With_Negative_Amount	Transfer with Negative Amount	The program allowed transfer of a negative amount.	No validation for negative transfer amounts.	Implemented validation to prevent negative transfer amounts.
Test_Paybill_With_Zero_Amount	Paying Bill with Zero Amount	The program allowed bill payment with zero amount.	No check for zero payment amount.	Added validation to prevent zero bill payments.
Test_Create_With_Name_Longer_Than_Allowed	Creating Account with Name Longer Than Allowed	The program allowed creating an account with a name longer than allowed.	No validation for the length of account holder's name.	Implemented name length validation during account creation.
Test_Transfer_Exceeds_Balance	Transfer Exceeds Balance	The program allowed transfer when balance was insufficient.	No check for sufficient balance before transfer.	Added a balance check before processing transfers.
Test_Admin_Delete_Without_Admin_Permissions	Admin Account Deletion Without Admin Permissions	The program allowed deletion of an account without admin permissions.	No check for admin rights before account deletion.	Implemented admin rights check before deleting an account.
Test_Paybill_With_Invalid_Company_Code	Invalid Company Code During Paybill	The program allowed bill payment with an invalid company code.	No validation for company code before processing payment.	Added company code validation before processing payment.
Test-Withdrawal-With-Overdraft-Protection	Withdrawal With Overdraft Protection	The program allowed withdrawal despite overdraft protection.	No check for overdraft protection during withdrawal.	Implemented overdraft protection check before processing withdrawal.
Test-Withdrawal-With-Zero_Amount	Withdrawal of Zero Amount	The program allowed withdrawal of a zero amount.	No check for zero withdrawal amounts.	Added validation to prevent zero withdrawal amounts.