TEST CASES

ADMIN

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TC#1 – Admin Login | | | | | |
| TC\_ID# | Test Objective | Precondition | Steps | Test Data | Expected Result |
| TC\_A1 | Authenticate System Administrator | System is on and displaying a login page | Input system admin username and password |  | System displays system administrator homepage |
| TC\_A2 | System rejects system admin username and/or password | System is on and displaying a login page | Input invalid system admin username and/or password |  | System displays an error screen and is ready to start a new session |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TC#2 – Creating an Account | | | | | |
| TC\_ID# | Test Objective | Precondition | Steps | Test Data | Expected Result |
| TC\_B1 | System allows system admin to choose Create account option | The user must be logged-in as System Administrator | Choose Create account option |  | System displays Create account option session |
| TC\_B2 | Create non-existing account | Create account session is displayed | 1. Type-in user details  2. Type-in account details of non-existing account |  | System displays User account successfully created and goes back to homepage |
| TC\_B3 | Create existing account | Create account session is displayed | 1. Type-in user details  2. Type-in account details of existing account |  | System prompts User account already existed |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TC#3 – Closing an Account | | | | | |
| TC\_ID# | Test Objective | Precondition | Steps | Test Data | Expected Result |
| TC\_C1 | System allows system admin to choose Close account option | The user must be logged-in as System Administrator | Choose Close account option |  | System displays Close account option session |
| TC\_C2 | Close existing account | Close account session is displayed | Enter valid account# |  | System displays User account successfully closed and goes back to homepage |
| TC\_C3 | Close non-existing account | Close account session is displayed | Enter invalid account# |  | System displays an error screen and is prompt to enter again |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TC#4 – View Account Info | | | | | |
| TC\_ID# | Test Objective | Precondition | Steps | Test Data | Expected Result |
| TC\_D1 | System allows system admin to choose View Account Info | The user must be logged-in as System Administrator | Choose View Account Info option |  | System displays View Account Info session |
| TC\_D2 | View existing user account info | View Account Info session is displayed | Enter account# |  | System displays User account info successfully and goes back to homepage |
| TC\_D3 | View non-existing user account info | View Account Info session is displayed | Enter invalid account# |  | System displays an error screen and is prompt to enter again |

CLIENT

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TC#5 – ATM Transaction (Login) | | | | | |
| TC\_ID# | Test Objective | Precondition | Steps | Test Data | Expected Result |
| TC\_E1 | System authenticates the user | System is on and displaying a login page | Insert card (user card#) and PIN |  | System displays a menu of transaction types |
| TC\_E2 | System rejects invalid user card (card#) and/or PIN | System is on and displaying a login page | Insert invalid card (user card#) and/or PIN |  | System displays an error screen and is ready to start a new session |
| TC\_E3 | Customer exceeds max number of invalid PIN tries (3 entries) and system aborts session | System is on and displaying a login page | Enter 3rd try ofinvalid card (user card#) and/or PIN |  | System displays an error screen and session is terminated |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TC#6 – ATM Transaction (Deposit) | | | | | |
| TC\_ID# | Test Objective | Precondition | Steps | Test Data | Expected Result |
| TC\_F1 | System allows customer to perform a Deposit transaction | Menu of transaction types is being displayed | Choose Deposit transaction |  | System displays the Deposit transaction session |
| TC\_F2 | System allows customer to enter a peso amount to deposit | System is displaying a request for the customer to type a peso amount | Enter a legitimate peso amount |  | System prints receipt showing amount and updated balance |
| TC\_F3 | System allows multiple transactions in one session | System is asking whether customer wants another transaction | Choose yes |  | System displays a menu of transaction types |
| TC\_F4 | Session ends when customer chooses not to do another transaction | System is asking whether customer wants another transaction | Choose no |  | System terminates and is ready to start a new session |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TC#7 – ATM Transaction (Withdrawal) | | | | | |
| TC\_ID# | Test Objective | Precondition | Steps | Test Data | Expected Result |
| TC\_G1 | System allows customer to perform a Withdrawal transaction | Menu of transaction types is being displayed | Choose Withdrawal transaction |  | System displays the Withdrawal transaction session |
| TC\_G2 | System verifies that customer's balance is sufficient to fulfill the request | System is displaying a request for the customer to type a peso amount | Choose an amount that is not greater than the account balance |  | System prints receipt showing amount and updated balance |
| TC\_G3 | System verifies that customer's balance is insufficient to fulfill the request | System is displaying a request for the customer to type a peso amount | Choose an amount that is greater than the account balance |  | System displays an appropriate message and asks customer to choose a different amount |
| TC\_G4 | System verifies that customer's withdrawal amount is greater than per transaction limit amount (10000Php) | System is displaying a request for the customer to type a peso amount | Choose an amount that is greater than per transaction limit amount |  | System displays an appropriate message and asks customer to choose a different amount |
| TC\_G5 | System allows multiple transactions in one session | System is asking whether customer wants another transaction | Choose yes |  | System displays a menu of transaction types |
| TC\_G6 | Session ends when customer chooses not to do another transaction | System is asking whether customer wants another transaction | Choose no |  | System terminates and is ready to start a new session |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TC#8 – ATM Transaction (Balance Inquiry) | | | | | |
| TC\_ID# | Test Objective | Precondition | Steps | Test Data | Expected Result |
| TC\_H1 | System allows customer to perform a Balance Inquiry transaction | Menu of transaction types is being displayed | Choose Balance Inquiry transaction |  | System prints receipt showing balance |
| TC\_H2 | System allows multiple transactions in one session | System is asking whether customer wants another transaction | Choose yes |  | System displays a menu of transaction types |
| TC\_H3 | Session ends when customer chooses not to do another transaction | System is asking whether customer wants another transaction | Choose no |  | System terminates and is ready to start a new session |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TC#9 – ATM Transaction (Change PIN) | | | | | |
| TC\_ID# | Test Objective | Precondition | Steps | Test Data | Expected Result |
| TC\_I1 | System allows customer to perform Change PIN | Menu of transaction types is being displayed | Choose Change PIN |  | System displays the Change PIN session |
| TC\_I2 | System verifies that customer's new PIN is valid | System is displaying a request for the customer to enter new PIN | Enter valid new PIN |  | System prompts the customer that current PIN is successfully changed |
| TC\_I3 | System verifies that customer's new PIN is the same as old PIN | System is displaying a request for the customer to enter new PIN | Enter invalid or old PIN |  | System displays an appropriate message and asks customer to choose a different PIN |
| TC\_I4 | System verifies that customer's new PIN is not the same with re-entered PIN | System is displaying a request for the customer to enter new PIN | Enter valid new PIN different with re-entered PIN |  | System displays an appropriate message and asks customer to re-enter the same PIN |
| TC\_I4 | System verifies that customer's new PIN is NULL | System is displaying a request for the customer to enter new PIN | Enter NULL PIN |  | System displays an appropriate message and asks customer to enter valid PIN. |
| TC\_I5 | System allows multiple transactions in one session | System is asking whether customer wants another transaction | Choose yes |  | System displays a menu of transaction types |
| TC\_I6 | Session ends when customer chooses not to do another transaction | System is asking whether customer wants another transaction | Choose no |  | System terminates and is ready to start a new session |