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| TC#1 – Creating an Account | | | | | |
| 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/password | System is on and displaying a login page | Input invalid system admin username and password |  | System displays an error screen and is ready to start a new session |
| TC\_A3 | 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\_A4 | Create non-existing account on desired account type | Create account session is displayed | 1. Type-in user details  2. Type-in account details on non-existing account type |  | System displays User account successfully created and goes back to homepage |
| TC\_A5 | Create existing account on desired account type | Create account session is displayed | 1. Type-in user details  2. Type-in account details on existing account type |  | System prompts User account already existed on desired account type |
| TC\_A6 | Update Database | The user must have created a valid account | Update database by adding the newly created user on Account files |  | System displays successfully updated the database |

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| TC#2 – Closing an Account | | | | | |
| TC\_ID# | Test Objective | Precondition | Steps | Test Data | Expected Result |
| TC\_B1 | Authenticate System Administrator | System is on and displaying a login page | Input system admin username and password |  | System displays system administrator homepage |
| TC\_B2 | System rejects system admin username/password | System is on and displaying a login page | Input invalid system admin username and password |  | System displays an error screen and is ready to start a new session |
| TC\_B3 | 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\_B4 | Close existing account | Close account session is displayed | Enter valid savings/checking account# and PIN |  | System displays User account successfully closed and goes back to homepage |
| TC\_B5 | Close non-existing account | Close account session is displayed | Enter invalid savings/checking account# and PIN |  | System displays an error screen and is prompt to enter again |

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| TC#3 – View Account Info | | | | | |
| TC\_ID# | Test Objective | Precondition | Steps | Test Data | Expected Result |
| TC\_C1 | Authenticate System Administrator | System is on and displaying a login page | Input system admin username and password |  | System displays system administrator homepage |
| TC\_C2 | System rejects system admin username/password | System is on and displaying a login page | Input invalid system admin username and password |  | System displays an error screen and is ready to start a new session |
| TC\_C3 | 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\_C4 | View existing user account info | View Account Info session is displayed | Enter valid savings/checking account# and PIN |  | System displays User account info successfully and goes back to homepage |
| TC\_C5 | View non-existing user account info | View Account Info session is displayed | Enter invalid savings/checking account# and PIN |  | System displays an error screen and is prompt to enter again |

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| TC#4 – ATM Transaction (Deposit) | | | | | |
| TC\_ID# | Test Objective | Precondition | Steps | Test Data | Expected Result |
| TC\_D1 | 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\_D2 | System rejects invalid user card (card#)/PIN | System is on and displaying a login page | Insert invalid card (user card#) and PIN |  | System displays an error screen and is ready to start a new session |
| TC\_D3 | 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 PIN |  | System displays an error screen and session is terminated |
| TC\_D4 | 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\_D5 | System allows customer to choose an account to deposit to | Menu of account types is being displayed | Choose valid account type |  | System displays a request for the customer to type a peso amount |
| TC\_D6 | System denies user account type option | Menu of account types is being displayed | Choose invalid account type |  | System prompts the customer doesn’t have the desired account type |
| TC\_D7 | 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\_D8 | 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\_D9 | 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 |

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| TC#5 – ATM Transaction (Withdrawal) | | | | | |
| 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#)/PIN | System is on and displaying a login page | Insert invalid card (user card#) and 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 PIN |  | System displays an error screen and session is terminated |
| TC\_E4 | 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\_E5 | System allows customer to choose an account to withdraw from | Menu of account types is being displayed | Choose Checking or Savings account |  | System displays a request for the customer to type a peso amount |
| TC\_E6 | System denies user account type option | Menu of account types is being displayed | Choose invalid account type |  | System prompts the customer doesn’t have the desired account type |
| TC\_E7 | 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\_E8 | 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\_E9 | 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\_E10 | 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\_E11 | 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 |

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| TC#6 – ATM Transaction (Balance Inquiry) | | | | | |
| TC\_ID# | Test Objective | Precondition | Steps | Test Data | Expected Result |
| TC\_F1 | 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\_F2 | System rejects invalid user card (card#)/PIN | System is on and displaying a login page | Insert invalid card (user card#) and PIN |  | System displays an error screen and is ready to start a new session |
| TC\_F3 | 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 PIN |  | System displays an error screen and session is terminated |
| TC\_F2 | System allows customer to perform a Balance Inquiry transaction | Menu of transaction types is being displayed | Choose Balance Inquiry transaction |  | System displays the Balance Inquiry session |
| TC\_F3 | System allows Customer to choose an account to inquire about | Menu of account types is being displayed | Choose Checking or Savings account |  | System prints receipt showing balance |
| TC\_F4 | System denies user account type option | Menu of account types is being displayed | Choose invalid account type |  | System prompts the customer doesn’t have the desired account type |
| TC\_F5 | 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\_F6 | 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 |

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| TC#7 – ATM Transaction (Change PIN) | | | | | |
| TC\_ID# | Test Objective | Precondition | Steps | Test Data | Expected Result |
| TC\_G1 | 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\_G2 | System rejects invalid user card (card#)/PIN | System is on and displaying a login page | Insert invalid card (user card#) and PIN |  | System displays an error screen and is ready to start a new session |
| TC\_G3 | 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 PIN |  | System displays an error screen and session is terminated |
| TC\_G4 | System allows customer to perform Change PIN | Menu of transaction types is being displayed | Choose Change PIN |  | System displays the Change PIN session |
| TC\_G5 | System verifies that customer's new PIN is valid | System is displaying a request for the customer to enter new PIN | Enter new PIN |  | System prompts the customer that current PIN is changed |
| TC\_G6 | System verifies that customer's new PIN is invalid | System is displaying a request for the customer to enter new PIN | Enter invalid or same PIN |  | System displays an appropriate message and asks customer to choose a different PIN |
| TC\_G7 | 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\_G8 | 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 |