Test Cases for Banking System

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| **Test Case ID** | 1 | **Passed/Failed** |
| **Test Case** | Successful Admin log in | |
| **Steps** | **Expected** | **Actual Result** |
| 1. Run programme | Banking system will start, display’s welcome message and ask the user to enter username | Text  Description automatically generated |
| 1. Enter: “Arthur” | After taking username it will ask the user to enter password |  |
| 1. Enter: “123” | Log in successful as Admin and admin menu will be displayed. | Text  Description automatically generated |

Instructions:

1. programme starts to run
2. Enter “Arthur” in the text prompt “Enter your username:”
3. Enter “aBC” in the text prompt “Enter your password:”
4. Log in successful as Admin and displays admin menu and test passed

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| **Test Case ID** | **2** | **Passed/Failed** |
| **Test Case** | Log in with incorrect username/password. | |
| **Steps** | **Expected** | **Actual Result** |
| 1. Run programme | Banking system will start, display’s welcome message and ask the user to enter username | Text  Description automatically generated |
| 1. Enter: “haha” | After taking username it will ask the user to enter password |  |
| 1. Enter: “123” | Log in unsuccessful and displays the message “Username or Password is wrong.  Please log in again...” again ask the user enter correct details. such as username | Text  Description automatically generated |
| 1. Enter: “Boris” | After taking username it will ask the user to enter password |  |
| 1. Enter: “ABC” | Log in successful and Customer menu will be displayed. | Text  Description automatically generated |

Instructions:

1. programme starts to run
2. Enter “haha” in the text prompt “Enter your username:”
3. Enter “123” in the text prompt “Enter your password:”
4. **Log in unsuccessful** Displays message of incorrect username or password and it ask the user to enter again correct details to log in and Test failed.
5. Enter “Boris” in the text prompt “Enter your username:”
6. Enter “aBC” in the text prompt “Enter your password:”
7. Log in successful and customer menu will be displayed.

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| **Test Case ID** | 3 | **Passed/Failed** |
| **Test Case** | User deposits money (must verify the new balance). | |
| **Steps** | **Expected** | **Actual Result** |
| 1. Run programme | Displays welcome message and ask to enter username | Text  Description automatically generated |
| 1. Enter: “Boris” | After entering username, ask for the password | Text  Description automatically generated |
| 1. Enter: “ABC” | Displays log in message with logged in username, show the Customer menu, and ask to choose an option from given menu | Text  Description automatically generated |
| 1. Enter: “1” | This shows, all the active accounts of customer in the bank. | Text  Description automatically generated with medium confidence |
| 1. Enter: “1” | Then, ask the customer to select the account. After selecting account, it displays the message of selected account and operation menu will appear and prompt user to enter input | Graphical user interface, text  Description automatically generated |
| 1. Enter: “1” | As we need to deposit so we will enter input “1”. It prompt user to enter the amount to be deposited. | Text  Description automatically generated |
| 1. Enter “500” | It will display a message that amount has been deposited and after verifying new balance and updating the balance of all accounts it will print the list of all account and prompt user to enter input.,  Programme keep on running and Test passed | Text  Description automatically generated with medium confidence |

Instructions:

1. programme starts to run
2. Enter “Boris” in the text prompt “Enter your username:”
3. Enter “ABC” in the text prompt “Enter your password:”
4. After logging in successfully, it displays “You are logged in as Boris.” And prints the customer menu, and prompt user to input,
5. Enter “1” in the text prompt “Enter a number to select your option:” to see all the active accounts
6. After entering “1”, it displays all the active account of Boris. Ask to select account,
7. After selecting account, it prints out operational menu and prompt customer to select operation.
8. As this is depositing test, we enter “1”and select deposit.
9. Then system will prompt Boris to enter amount to be deposited, here we have entered “500”
10. After, it will display the message of amount has been deposited successfully and after checking and updating new balance it will print all the active account of the Boris with updated balance and prompt user to select account and programme continue to run and Test passed

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| **Test Case ID** | 4 | **Passed/Failed** |
| **Test Case** | User withdraws money - successful (must verify the new balance). | |
| **Steps** | **Expected** | **Actual Result** |
| 1. Run programme | Displays welcome message and ask to enter username | Text  Description automatically generated |
| 1. Enter: “Boris” | After entering username, ask for the password | Text  Description automatically generated |
| 1. Enter: “ABC” | Displays log in message with logged in username, show the Customer menu, and ask to choose an option from given menu | Text  Description automatically generated |
| 1. Enter: “1” | This shows, all the active accounts of customer in the bank. | Text  Description automatically generated with medium confidence |
| 1. Enter: “1” | Then, ask the customer to select the account. | Graphical user interface, text  Description automatically generated |
| 1. Enter: “2” | After, asking account it will print selected account and it will ask for the operation, here its withdraw | Text  Description automatically generated |
| 1. Enter amount “300” | After selecting operation, system ask for the amount to be withdrawn, here, if withdrawn amount > balance or new balance <= balance + overdraft. Then it will not withdraw.  displays amount withdrawn successfully and displays list of account with updated balance. Test passed | Graphical user interface, text  Description automatically generated |

Instructions:

1. programme starts to run
2. Enter “Boris” in the text prompt “Enter your username:”
3. Enter “ABC” in the text prompt “Enter your password:”
4. After logging in successfully, it displays “You are logged in as Boris.” And prints the customer menu, and ask for the input,
5. Enter “1” in the text prompt “Enter a number to select your option:”
6. After entering “1”, it displays all the active account of Boris. Ask to select account,
7. After selecting account, it prints out operational menu and prompt customer to select operation.
8. As this is withdrawal test, we enter “2”and select withdraw.
9. Then system will prompt customer to enter amount to be withdrawn, here we have entered “300”
10. Here, it checks amount > balance or amount>new balance + overdraft, if any of this true then it will not withdraw and give message of insufficient balance.
11. Else withdraw and prints successfully withdrawn and display all the account with updated balance. Test pasted

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| **Test Case ID** | 5 | **Passed/Failed** |
| **Test Case** | User withdraws money - no sufficient money (must verify the new balance). | |
| **Steps** | **Expected** | **Actual Result** |
| Here program continues from test case 4, to show the insufficient balance when user withdraws money | | |
| 1. Enter: “1” | This shows, all the active accounts of customer in the bank. |  |
| 1. Enter: “1” | Then, ask the customer to select the account. | Text  Description automatically generated |
| 1. Enter: “2” | After, asking account it will print selected account and it will ask for the operation, here it is withdrawn | Graphical user interface, text  Description automatically generated with medium confidence |
| 1. Enter amount “1000” | After selecting operation, system ask for the amount to be withdrawn, here, if withdrawn amount > balance or new balance <= balance + overdraft. Then it will not withdraw. | Text  Description automatically generated |

Instructions:

1. After doing successful withdrawal in test case 4, it shows all the account of customer with updated balance and again ask for selecting account, here we will select same account of same
2. After selecting account, it prints out operational menu and prompt customer to select operation.
3. As this is withdrawal test, we enter “2”and select withdraw.
4. Then system will prompt customer to enter amount to be withdrawn, here we have entered “1000”
5. Here, it checks amount > balance or amount>new balance + overdraft, if any of this true then it will not withdraw and give message of insufficient balance.
6. As here withdrawn amount is large then the balance and verify the new balance as per step 4. So, prints out “Amount is large compared to balance”. It also displays how much customer can withdraw. Test failed.

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| **Test Case ID** | 6 | **Passed/Failed** |
| **Test Case** | Verify the account balances are saved and loaded correctly by restarting the application. | |
| **Steps** | **Expected** | **Actual Result** |
| 1. Start app | Prints the welcome message and ask for username (restarting the programme) | Text  Description automatically generated |
| 1. Enter: “Boris” | After entering username, prompt user for password | Text  Description automatically generated |
| 1. Enter: “ABC” | After entering password, it displays logged in message and the customer menu | Graphical user interface  Description automatically generated with low confidence |
| 1. Enter: “1” | Prompt customer to enter option | Graphical user interface, text  Description automatically generated with medium confidence |
| 1. Enter: “1” | Yes, it checks the balance is updated, prompt user to select account | Text  Description automatically generated |
| 1. Enter: “1” | Displays selected account, prompt user to enter operation, here it is deposit | Text  Description automatically generated |
| 1. Enter:   “300” | Displays message of successfully deposited amount and show list of account with updated balance, prompt user to enter | Graphical user interface, text  Description automatically generated |
| 1. Enter:   “2” | It will go back and prints the Customer menu ask for the input | Graphical user interface, text  Description automatically generated |
| 1. Enter:   “2” | Print outs the customer details such as address, total balance of all account and total number of accounts and programme ends with updates data. | Text  Description automatically generated |

Instructions:

1. Restarting application and programme starts to run
2. Enter “Boris” in the text prompt “Enter your username:”
3. Enter “ABC” in the text prompt “Enter your password:”
4. After logging in successfully, it displays “You are logged in as Boris.” And prints the customer menu, and ask for the input
5. Enter “1” in the text prompt “Enter a number to select your option:”
6. After entering “1”, it displays all the active account of Boris. Prompt Boris to select account,
7. After selecting account, it prints out operational menu and prompt Boris to select operation.
8. Here we have selected deposit so, entered “1”and selected deposit.
9. Then system will prompt customer to enter amount to be deposited, here we have entered “300”.
10. It will deposit the amount to the balance and print the message of successfully deposited and displays all account with updated balance and prompt Boris to enter input
11. Here it is “2” it will go back and prints the customer menu and prompt Boris to enter input
12. Again it’s “2”, which display all the updated data of the Boris. And programme end. All the data are saved and updated, and Test passed

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| **Test Case ID** | 7 | **Passed/Failed** |
| **Test Case** | Admin views the customer Summary. | |
| **Steps** | **Expected** | **Actual Result** |
| 1. Run programme | Prints welcome message and prompt user to enter username |  |
| 1. Enter:   “Arthur” | After username, prompt user to enter password |  |
| 1. Enter:   “123” | After password, it displays message logged in as admin and print the admin menu and prompt user to enter input | Shape  Description automatically generated with medium confidence |
| 1. Enter:   “1” | As we need to display customer summary, so input is “1”. And display all the details of all the customer and programme end successfully and test passed. | Text  Description automatically generated with medium confidence |

Instructions:

1. Programme start to run
2. Enter “Arthur” in the text prompt “Enter your username:”
3. Enter “123” in the text prompt “Enter your password:”
4. After logging successfully, it displays the message of logged in as admin with the username “Arthur” and displays customer menu and prompt Arthur to enter input
5. To get Customer summery, here we have entered “1”, that will display all the data of all the active accounts of all customers in the bank and programme end successfully and test passed.

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| **Test Case ID** | 8 | **Passed/Failed** |
| **Test Case** | Admin views the Financial Forecast. | |
| **Steps** | **Expected** | **Actual Result** |
| 1. Run programme | Prints welcome message and prompt user to enter username |  |
| 1. Enter:   “Arthur” | After username, prompt user to enter password |  |
| 1. Enter:   “123” | After password, it displays message logged in as admin and print the admin menu and prompt user to enter input |  |
| 1. Enter:   “2” | As we need to display the financial forecast so input is “2” and it display the financial forecast of all users and program successfully ends and test passed. |  |

Instructions:

1. Programme start to run
2. Enter “Arthur” in the text prompt “Enter your username:”
3. Enter “123” in the text prompt “Enter your password:”
4. After logging successfully, it displays the message of logged in as admin with the username “Arthur” and displays customer menu and prompt Arthur to enter input
5. To get financial forecast, here we have entered “2”, that will display all the data of financial forecast of all customers in the bank, data like total balance on the bank, total accounts, total balance after year with interest, total deposited, total withdrawn and total transferred amount programme end successfully and test passed.

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| **Test Case ID** | 9 | **Passed/Failed** |
| **Test Case** | Admin transfers money - same customer, different accounts. | |
| **Steps** | **Expected** | **Actual Result** |
| 1. Run programme | Prints welcome message and prompt user to enter username |  |
| 1. Enter:   “Arthur” | After username, prompt user to enter password |  |
| 1. Enter:   “123” | After password, it displays message logged in as admin and print the admin menu and prompt user to enter input |  |
| 1. Enter:   “3” | Here, we need to transfer money so, input is “3”. It will take to the GUI window named as “Money Transaction Portal” and ask for the “FROM” and “TO” account details like username and account number and amount to be transferred | Graphical user interface, text, application  Description automatically generated |
| 1. Enter all the required details to make transaction | As required, we need transfer to the money in same customer but different account, so here username in “FROM” and “TO” section is same but account number is different due to different account, now to make Transaction click button “MAKE TRANSACTION” | Graphical user interface, text, application  Description automatically generated |
| 1. Click “MAKE TRANSACTION” | After clicking button, it displays pop up message saying that “**You have made £100 transfer from Chloe account 1 to Chloe account 2.”** That mean transaction is successful and says to click “OK” | Graphical user interface, diagram, application  Description automatically generated |
| 1. Click “OK” | When click “OK”, the GUI window is closed, and Programme end successfully, and Test passed | Text  Description automatically generated |

Instructions:

1. Programme start to run
2. Enter “Arthur” in the text prompt “Enter your username:”
3. Enter “123” in the text prompt “Enter your password:”
4. After logging successfully, it displays the message of logged in as admin with the username “Arthur” and displays customer menu and prompt Arthur to enter input
5. Here we make transaction of money, so input is “3”. After entering “3”, this will take to GUI window name as “Money Transaction Portal” and ask Arthur to enter the details, such as username and password for the “FROM” and “TO” accounts and amount to be transferred.
6. As per requirement we need to make transaction for the same customers different account, so username will be same, but account number will not be same.
7. After entering all the details of “FROM” account and “TO” account, to make transaction click “MAKE TRANSACTION”.
8. After clicking button “MAKE TRANSACTION”, new pop-up window will appear which will give message of money transaction. In this case message is “**You have made £100 transfer from Chloe account 1 to Chloe account 2.”** And says to click “OK” button.
9. After clicking “OK” button, The GUI window will close, and programme end successfully and Test Pass

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| **Test Case ID** | 10 | **Passed/Failed** |
| **Test Case** | Admin transfers money - between two customers. | |
| **Steps** | **Expected** | **Actual Result** |
| 1. Run programme | Prints welcome message and prompt user to enter username |  |
| 1. Enter:   “Arthur” | After username, prompt user to enter password |  |
| 1. Enter:   “123” | After password, it displays message logged in as admin and print the admin menu and prompt user to enter input |  |
| 1. Enter:   “3” | Here, we need to transfer money so, input is “3”. It will take to the GUI window named as “Money Transaction Portal” and ask for the “FROM” and “TO” account details like username and account number and amount to be transferred | Graphical user interface, text, application  Description automatically generated |
| 1. Enter all the required details to make transaction | As required, we need transfer to the money in two customers’ accounts, so here username in “FROM” and “TO” section is different but account number can be same or different, now to make Transaction click button “MAKE TRANSACTION” | Graphical user interface, text, application  Description automatically generated |
| 1. Click “MAKE TRANSACTION” | After clicking button, it displays pop up message saying that “**You have made £100 transfer from David account 2 to Chloe account 1.”** That mean transaction is successful and says to click “OK” | Graphical user interface, application  Description automatically generated |
| 1. Click “OK” | When click “OK”, the GUI window is closed, and Programme end successfully, and Test passed | Text  Description automatically generated |

Instructions:

1. Programme start to run
2. Enter “Arthur” in the text prompt “Enter your username:”
3. Enter “123” in the text prompt “Enter your password:”
4. After logging successfully, it displays the message of logged in as admin with the username “Arthur” and displays customer menu and prompt Arthur to enter input
5. Here we make transaction of money, so input is “3”. After entering “3”, this will take to GUI window name as “Money Transaction Portal” and ask Arthur to enter the details, such as username and password for the “FROM” and “TO” accounts and amount to be transferred.
6. As per requirement we need to make transaction for the different customers, so username will not be same, but account numbers can be same.
7. After entering all the details of “FROM” account and “TO” account, to make transaction click “MAKE TRANSACTION”.
8. After clicking button “MAKE TRANSACTION”, new pop-up window will appear which will give message of money transaction. In this case message is “**You have made £100 transfer from David account 2 to Chloe account 1.”** And says to click “OK” button.
9. After clicking “OK” button, The GUI window will close, and programme end successfully and Test Pass

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| **Test Case ID** | 11 | **Passed/Failed** |
| **Test Case** | Admin adds a saving account to a customer. | |
| **Steps** | **Expected** | **Actual Result** |
| 1. Run programme | Prints welcome message and prompt user to enter username |  |
| 1. Enter:   “Arthur” | After username, prompt user to enter password |  |
| 1. Enter:   “123” | After password, it displays message logged in as admin and print the admin menu and prompt user to enter input |  |
| 1. Enter:   “4” | As per requirement, here we must add saving account so, here input will be “4”, this will take to GUI window named “Account Management Portal”, it will ask the admin for the details of customer to add saving account | Text  Description automatically generated  Graphical user interface, text, application  Description automatically generated |
| 1. Enter all the required details | As asked here to enter all details of customer such as username, password, balance, address, account number, overdraft, and interest, here user type will “Customer” and as we need to add saving account so account type will be “Saving Account”, then to add account click “Add Account” | Graphical user interface, text, application  Description automatically generated |
| 1. Click “Add Account” | After clicking “Add Account”, a pop-up window will appear, and it display message that account has been added successfully with username and account type. After, it will say to click “OK’ | Diagram, application  Description automatically generated with medium confidence |
| 1. Click “OK” | After clicking “OK”, the GUI window will close, and programme will end successfully, and Test passed | Text  Description automatically generated |

Instructions:

1. Programme start to run
2. Enter “Arthur” in the text prompt “Enter your username:”
3. Enter “123” in the text prompt “Enter your password:”
4. After logging successfully, it displays the message of logged in as admin with the username “Arthur” and displays customer menu and prompt Arthur to enter input
5. Now as requirement we need to add saving account so we will go to Account management by giving input “4”, it will take to new GUI window name as “Account Management Portal” and ask Arthur to enter details of new customer
6. After entering details as requirement and as we are adding saving account so account type will be “Saving Account” and we are adding customer account so user type will be “Customer”, then to add account please click “Add Account”
7. Then it will give new pop-up window, displaying message of account successfully added with username and account type. Then say to click “OK”
8. After clicking “OK” the GUI window will close and programme successfully ends and Test passed

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| **Test Case ID** | 12 | **Passed/Failed** |
| **Test Case** | Admin adds a current account to a customer. | |
| **Steps** | **Expected** | **Actual Result** |
| 1. Run programme | Prints welcome message and prompt user to enter username |  |
| 1. Enter:   “Arthur” | After username, prompt user to enter password |  |
| 1. Enter:   “123” | After password, it displays message logged in as admin and print the admin menu and prompt user to enter input | Shape  Description automatically generated with medium confidence |
| 1. Enter:   “4” | As per requirement, here we must add current account so, here input will be “4”, this will take to GUI window named “Account Management Portal”, it will ask the admin for the details of customer to add current account | Text  Description automatically generated  Graphical user interface, text, application  Description automatically generated |
| 1. Enter all the required details | As asked, enter all details of customer such as username, password, balance, address, account number, overdraft, and interest, here user type will “Customer” and as we need to add current account so account type will be “Current Account”, then to add account click “Add Account” | Graphical user interface, text, application  Description automatically generated |
| 1. Click “Add Account” | After clicking “Add Account”, a pop-up window will appear, and it display message that account has been added successfully with username and account type. After, it will say to click “OK’ | Application  Description automatically generated with medium confidence |
| 1. Click “OK” | After clicking “OK”, the GUI window will close, and programme will end successfully, and Test passed | Text  Description automatically generated |

Instructions:

1. Programme start to run
2. Enter “Arthur” in the text prompt “Enter your username:”
3. Enter “123” in the text prompt “Enter your password:”
4. After logging successfully, it displays the message of logged in as admin with the username “Arthur” and displays customer menu and prompt Arthur to enter input
5. Now as requirement we need to add current account so we will go to Account management by giving input “4”, it will take to new GUI window name as “Account Management Portal” and ask Arthur to enter details of new customer
6. After entering details as requirement and as we are adding current account so account type will be “Current Account” and we are adding customer account so user type will be “Customer”, then to add account please click “Add Account”
7. Then it will give new pop-up window, displaying message of account successfully added with username and account type. Then say to click “OK”
8. After clicking “OK” the GUI window will close, and programme successfully ends and Test passed

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| **Test Case ID** | 13 | **Passed/Failed** |
| **Test Case** | Admin deletes the last account from a customer. | |
| **Steps** | **Expected** | **Actual Result** |
| 1. Run programme | Prints welcome message and prompt user to enter username |  |
| 1. Enter:   “Arthur” | After username, prompt user to enter password |  |
| 1. Enter:   “123” | After password, it displays message logged in as admin and print the admin menu and prompt user to enter input |  |
| 1. Enter:   “4” | As per requirement, here we must last account so, here input will be “4”, this will take to GUI window named “Account Management Portal”, it will ask the admin for the details of customer to delete the last account. | Text  Description automatically generated  Graphical user interface, text, application  Description automatically generated |
| 1. Enter all the required details | For deleting account, it will ask for the username, password, and account number, to delete the last account, we try to delete the Boris account, he has last account in the bank, then to delete the account click “Delete Account” | Graphical user interface, text, application  Description automatically generated |
| 1. Click “Delete Account” | After click “Delete Account” it will give message that this user has the last account in the bank and last account cannot be deleted with username and account number, after that it says to click “OK”, | Graphical user interface, text, application  Description automatically generated |
| 1. Click “OK” | After clicking ok it will clear the deleting form and again will ask enter details to add account or to delete account, so last account will not be deleted, and Test passed to close the GUI window you can click “Exit” button. | Graphical user interface, text, application  Description automatically generated |

Instructions:

1. Programme start to run
2. Enter “Arthur” in the text prompt “Enter your username:”
3. Enter “123” in the text prompt “Enter your password:”
4. After logging successfully, it displays the message of logged in as admin with the username “Arthur” and displays customer menu and prompt Arthur to enter input
5. As test case we must delete the last account of user, but only one user has the last account that is Boris, here we will select account management for deleting account by giving input “4”, it will take to new GUI window name “Account Management Portal” and ask Arthur to enter details like username, password, and account number, after to delete account please click “Delete Account”
6. Then new pop-up window appears, and it will display message that user cannot delete last account from the bank and account will not be deleted, then it will say to click “OK”,
7. After clicking “OK”, it will clear the delete form and ask Arthur to enter again the details to add account or to delete account, the programme continues to run, and Account will not be deleted, and Test passed, then to exit the GUI window click “EXIT” and programme will end

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| **Test Case ID** | 14 | **Passed/Failed** |
| **Test Case** | Verify the newly added account is saved and loaded correctly by restarting the application. | |
| **To verify the details, we will log in with new customer details and check summary.** | | |
| **Steps** | **Expected** | **Actual Result** |
| 1. Restart app and Run programme | Prints welcome message and prompt user to enter username | Text  Description automatically generated |
| 1. Enter:   “Adam” | After username, prompt user to enter password | Text  Description automatically generated |
| 1. Enter:   “12345” | After password, it displays message logged in as Adam and print the Customer menu and prompt user to enter input | Text  Description automatically generated |
| 1. Enter:   “2” | As we need verify the details of newly added customer are saved and loaded correctly, so we go for view summary by giving input “2”,  It displays correct details like total account, total balance and address that means account details are saved and loaded correctly and programme ends successfully, and Test passed | Text  Description automatically generated with low confidence |

Instructions:

1. Restarting application and programme starts to run (To verify that newly added account is saved and loads correctly, we see the account summary by logging in to that account)
2. Enter “Adam” in the text prompt “Enter your username:”
3. Enter “12345” in the text prompt “Enter your password:”
4. After logging in successfully, it displays “You are logged in as Adam.” And prints the customer menu, and ask for the input
5. To verify the account is saved and loaded correctly, we check summary of account by giving input “2”
6. It is displaying all the correct details of the active accounts of the Adam in the Bank such as, total number of accounts, total balance in the bank of all account and address, by this we can say that newly added account is saved and loaded correctly. After that programme successfully ends and Test passed

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| **Test Case ID** | 15 | **Passed/Failed** |
| **Test Case** | Verify the newly removed account is saved and loaded correctly by restarting the application. | |
| **To check that new removed account saved and loaded correctly, we will try to log in with that account details, as we deleted Boris Account so we will log in with Boris Account details.** | | |
| **Steps** | **Expected** | **Actual Result** |
| 1. Restart app and Run programme | Prints welcome message and prompt user to enter username | Text  Description automatically generated |
| 1. Enter:   “Boris” | After username, prompt user to enter password | Text  Description automatically generated |
| 1. Enter:   “ABC” | After password, it displays message logged in as Boris and print the Customer menu, as here customer menu is loaded correctly that mean the last account Boris was not deleted. and prompt user to enter input | Text  Description automatically generated |
| 1. Enter:   “3” | Here we will Quit the giving input “3”, As it was unsuccessful to remove the last account of Boris in “Test case 13” so it is not removed, and data saved and loaded correctly, and programme end successfully, and Test passed. | A picture containing text  Description automatically generated |

Instructions:

1. Restarting application and programme starts to run (To verify that newly deleted account is saved and loads correctly, we will verify this by logging in to that account)
2. As in Test case 13, we have deleted the last account of Boris so, we will log in Boris account to verify.
3. Enter “Boris” in the text prompt “Enter your username:”
4. Enter “ABC” in the text prompt “Enter your password:”
5. It is logging in successfully and it displays “You are logged in as Boris.” And prints the customer menu, and ask for the input, by this we can say that the last account of Boris is not deleted and as per specification the user cannot delete the last account and it is not deleted.
6. Here we will Quit the system by entering “3” and programme end successfully, and Test passed