1.5

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| **Functional Area** | **Test Name** | **Test Steps** | **Expected Results** |
| Sign- in | Sign-in success | . Enter valid username and password  . Click login | Login is successful. |
| Sign-in | Sign-in with wrong username | . Enter invalid username  . Enter valid password  . Click login | User returned to login page. Error message displayed to the user. |
| Sign-in | Sign-in with wrong password | . Enter valid username  . Enter invalid password.  . Click login. | User returned to login page. Error message displayed to the user. |
| Create New Customer | Selecting ‘New Customer’ from the options | .Click ‘New Customer’ | Open ‘Add New Customer’ page on the right side of the screen |
| Create New Customer | Address with special characters | . Enter at least one special character in address field  . Fill every other field with valid data.  . Click submit | Message appear under the field. |
| Create New Customer | Pin shorter than six digits. | . Enter less than six digits in the pin field  . Fill every other field with valid data  . Click submit | Message appear under the field |
| Create New Customer | Incorrect email | . Enter an email without ‘@’ or ‘.’ Characters  . Fill every other field with valid data.  . Click submit | Message appear under the field. |
| Create New Customer | Blank fields | . Leave any of the fields blank.  . Click submit | Alert box prompt the user to fill all the fields. |
| Create New Customer | Customer Created Succesfully | . Fill every field with valid data  . Click submit | New customer created successfully. User redirected to new customer detais page. |
| Edit Customer | Selecting ‘Edit Customer’ from the options | .Click ‘Edit Customer’ | Open ‘Edit Customer’ page on the right side of the screen |
| Edit Customer | Blank Customer ID field | . Click submit | User is prompted to enter an ID. |
| Edit Customer | Invalid Customer ID | . Enter invalid customer ID  . Click submit | User is prompted to enter a valid Customer ID. |
| Edit Customer | Valid Customer ID | . Enter valid Customer ID  . Click submit | Edit Customer Page open on the right side of the screen. |
| Edit Customer | Valid ID and check uneditable fields. | . Click on Customer Name Field  . Click on Gender Field  . Click on Date of Birth field. | Fields are read-only and cannot be edited. |
| Edit Customer | Valid ID and blank field | . Leave any field blank | User is prompted to fill in every field. |
| Edit Customer | Valid ID and no changes made | . Click submit | User is alerted that no changes have been made and redirected to the Enter ID page. |
| Edit Customer | Valid ID and details changed successfully | . Enter valid data in editable fields.  . Click submit | User is redirected to details page.  A message to indicate that changes have been applied is displayed to the user. |
| Delete Customer | Selecting ‘Delete Customer’ from the options | Click ‘Delete Customer’ | Open ‘Delete Customer’ page on the right side of the screen |
| Delete Customer | Blank Customer ID field | . Click submit | The user is prompted to enter a customer ID |
| Delete Customer | Invalid Customer ID | . Enter invalid customer ID  . Click submit | User is alerted to enter a valid ID and is redirected to the enter ID page. |
| Delete Customer | Valid Customer ID | . Enter a valid customer ID | The user is alerted that the Customer has been deleted |
| Delete Customer | Confrim customer has been deleted | . Click Edit customer from the options  . Enter the deleted customer ID  . Click submit | The user is alerted that the customer doesn’t exist. |
| Create New Account | Selecting ‘New Account’ from the options | Click ‘New Account’ | Open ‘Create New Account’ page on the right side of the screen |
| Create New Account | Leaving blank fields | . Leave any field blank and click submit | The user is prmpted to fill every field |
| Create New Account | Invalid Customer ID | . Enter an invalid customer ID.  . Click submit | The user is alerted that the Custommer ID is invalid. |
| Create New Account | Initial deposit lower than 500 | . Enter a valid Customer ID  . Enter a number lower than 500 in the Initial deposit field  . Click submit | The user is prompted to deposit at least 500 currency units. |
| Create New Account | Account created successfully. | . Enter valid Customer ID  . Enter valid initial deposit amount  . Click submit | The user is redirected to the account details page. A ‘success’ message is displayed to the user. |
| Edit Account | Selecting ‘Edit Account’ from the options | . Click ‘Edit Account’ | Open ‘Edit Account’ page on the right side of the screen |
| Edit Account | Invalid account ID | . Enter an invalid account ID | The user is alerted that the account ID is invalid and is redirected to the Enter Account ID form page. |
| Edit Account | Valid account ID | . Enter a valid Account ID  . Click submit | The user is redirected to the edit account details page. |
| Edit Account | Try editing Customer ID and Balance | . Enter valid account ID  . Click on Customer ID  . Click on Balance | The fields are read-only annd cannot be edited. |
| Edit Account | No changes in the account details | .Enter a valid account ID  . Click submit | The user is alerted that no changes have been made and will be redirected to the Enter Account ID form. |
| Edit Account | Edit Account Type | . Enter a valid Account iD  .Edit account type  . Click submit | The user is rediected to the account details page. A ‘success’ message is displayed at the top of the table. |
| Delete Account | Selecting ‘Delete Account’ from the options | Click ‘Delete Account’ | Open ‘Delete Account’ page on the right side of the screen |
| Delete Account | Leaving blank fields | . Leave the Account ID field blank.  . Click submit. | The user will be prompted to enter an account ID |
| Delete Account | Invalid account ID | . Enter an invalid account ID  . Click submit | The user is prompted to enter a valid account ID |
| Delete Account | Valid account ID | . Enter a valid account ID  . Click submit | The user is alerted that the customer has been successfully deleted and is redirected to the admin page. |
| Delete Account | Check that the account has been deleted | . Click on Edit account  . Enter the ID of the deleted account  . Click submit | The user will be alerted that the account doesn’t exist. |
| Deposit | Selecting ‘Deposit’ from the options | Click ‘Deposit’ | Open ‘Deposit’ page on the right side of the screen |
| Deposit | Description field character limit | . Enter a description longer than 10 characters. | Any other character exceeding the tenth one is not displayed in the description field. |
| Deposit | Leaving blank fields | . Leave any field blank  .Click submit | The user is promtped to fill every field. |
| Deposit | Successful deposit | . Fill every field with valid data  . Click submit | The user is redirected to the deposit details page, which specify the new total amount in the account. |
| Deposit | Invalid account ID | . Enter an invalid account ID  . Fill every other field with valid data  . Click submit | The user is prmpted to enter a valid account ID |
| Deposit | Negative amount | . Enter a valid account ID  . Enter a negative amount.  . Click submit | The user is prmpted to enter a valid amount. |
| Deposit | Invalid characters in amount field | . Enter valid account ID  . Enter non-numeric characters in the amount field  . Click submit. | The user is promtped to enter numeric values in the amount field. |
| Withdrawal | Selecting ‘Withdrawal’ from the options | Click ‘Withdrawal’ | Open ‘Withdrawal’ page on the right side of the screen |
| Withdrawal | Description field character limit | . Enter a description longer than 10 characters. | Any other character exceeding the tenth one is not displayed in the description field. |
| Withdrawal | Successful withdrawal | . Enter a valid account ID  . Enter a valid amount  . Enter a description  . Click submit. | The user will be rediected to a withdrawal review page with the transaction details and the new total amount. |
| Withdrawal | Blank fields | . Leave any field blank  . Click submit | The user is prompted to fill in every field. |
| Withdrawal | Amount unavailable | . Enter a valid account ID  . Enter an Withdrawal amount higher than the total amount available in the account.  . Enter a description  . Click submit | The user will be alerted that the account total amount is too low. |
| Withdrawal | Negative withdrawal amount | . Enter a valid account ID  . Enter a negative withdrawal amount  . Enter a description  . Click submit | The user is prmpted to enter a valid amount. |
| Withdrawal | Non numeric characters in the amount field | . Enter a valid account ID  . Enter non numeric values in the amount field  . Enter a description  . Click submit | The user is prmpted to enter valid characters in the amount field. |
| Withdrawal | Invalid account ID | . Enter an invalid account ID  . Enter a valid amount  . Enter a description  . Click submit | The user is prompted to enter a valid account ID |
| Fund Transfer | Selecting ‘Fund Transfer’ from the options | Click ‘Fund Transfer’ | Open ‘Fund Transfer’ page on the right side of the screen |
| Fund Transfer | Invalid characters (including blank fields) | . Leave any of the fields empty or enter invalid characters  . Click submit | The user is prmpted to enter valid data. |
| Fund Transfer | Negative transfer amount. | . Enter a valid payee ID  . Enter a valid Payer ID  . Enter a negative amount  . enter a description  . Click submit | The user is prmpted to enter a valid amount. |
| Fund Transfer | Invalid payee account | . Enter an invalid payee account ID  . Enter a valid payer account ID  . Enter a valid amount  . Enter a description  . Click submit. | The user is prompted to enter a valid payee account ID |
| Fund Transfer | Invalid payer account | Enter a valid payee account ID  . Enter an invalid payer account ID  . The user is prmpted to enter a valid payee account ID | The user is prompted to enter a valid payer account ID |
| Fund Transfer | Non numeric carachters in amount field. | . Enter a valid payee account ID  . Enter a valid payer account ID  . Enter non-numeric values in the amount field.  . Enter a description  . Click submit | The user is prompted to enter numeric values in the amount field. |
| Change Password | Selecting ‘Change Password’ from the options | Click ‘Change Password’ | Open ‘Change Password’ page on the right side of the screen |
| Change Password | Blank fields | . Leave any blank field  . Click submit | The user is prmpted to fill in every field. |
| Change Password | New password has no number | . Enter the valid password  . Enter a new password without a number  . Enter the correct new password in the confirm password field.  . Click submit | The user is prmpted to chose a password that contains at least a number and a special character. |
| Change Password | New password with no special character | . Enter valid password  . Enter new password with number and without special character.  . Enter the new password in the confirm new password field  . Click submit | The user is prompted to chose a new password that contains at least one special character. |
| Change Password | Incorrect Old Password | . Enter an incorrect old password.  . Enter a valid new password in the new password field.  Enter the same valid new password in the Confirm new password field  . Click submit | The user is alerted that the password entered is not valid. |
| Change Password | New password field and Confirm New Password don’t match | . Enter valid password  . Enter valid New Password  . Enter another password that doesn’t match  . Click submit | The user is alertd that the new password field and the confirm new password field don’t match. |
| Change Password | Change password successful | . Enter valid password  . Enter valid new password  . Re-enter valid new password  . Click submit | The user is alerted that the password has been changed and is redirected to the login page. |
| Change Password | Confirm new password | In the login page:  . Enter user ID  . Enter new password  . Click login | The user is redirected to the admin page. |
| Balance Enquiry | Selecting ‘Balance Enquiry’ from the options | Click ‘Open Balance’ | Open ‘Balance Enquiry’ page on the right side of the screen |
| Balance Enquiry | Blank Account ID | . Click submit | The user is prompted to enter an account ID |
| Balance Enquiry | Invalid account ID | . Enter an invalid account number  . Click submit | The user is prompted to enter a valid account ID |
| Balance Enquiry | Valid Account ID | . Enter a valid account ID  . Click submit | The user is redirected to the Balance detail page of the specified account. |
| Mini Statement | Selecting ‘Mini Statement’ from the options | Click ‘Mini Statement’ | Open ‘Mini Statement’ page on the right side of the screen |
| Mini Statement | Blank Account Field | . Click submit | The user is prompted to enter an Account ID. |
| Mini Statement | Invalid account ID | . Enter an invalid account ID  . Click submit | The user is prmpted to enter a valid account ID |
| Mini Statement | Valid Account ID | . Enter a valid account ID  . Click submit | The user is redirected to the Mini Statement Page with the last five transaction displayed in a table. |
| Customized Statement | Selecting ‘Customized Statement’ from the options | Click ‘ Customized Statement’ | Open ‘Customized Statement’ page on the right side of the screen |
| Customized Statement | Account ID, From Date, To Date fields blank | . Leave any of Account ID, From Date or To Date Blank  . Click submit | The user is prompted to fill in the required fields. |
| Customized Statement | Invalid Account ID | . Enter an invalid account ID  . Fill every other field with valid data  . Click submit | The user is alerted that the account entered doesn’t exist. |
| Customized Statement | Miminum Transaction and Number of Transactions fields blank | . Enter a valid Account ID  . Enter a valid From Date  . Enter a valid To Date  . Click submit | The user is redirected to the customized page with the transactions of the specified period of time. |
| Customized Statement | No trransactions to show. | . Enter a valid Account ID  . Enter a From Date and a To Date in a period with no transactions.  . Click submit | The user is alerted that there are no transaction to show for that perod. |
| Log-out | Selecting ‘Logout’ from the options | Click ‘Logout’ | Open ‘Logout’ page on the right side of the screen |

1.7

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| --- | --- |
| Test Name: | Alessandro Ferro |
| Test Case Author: | Alessandro Ferro |
| Tester Name: | Alessandro Ferro |
| Project ID / Name: | Guru 99 – Functionalities |
| Test Cycle ID: | 001 |
| Date Tested: | 17/07/2020 |

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| --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Test Objective ID | Category | Condition | Expected Results | Actual Results | Requirement ID |
| 004 | 002 | Functionality | Sign-in successful | New customer created in the database | New customer created in the database | 001 |
| 022 | 005 | Functionality | The customer exists | New account created in the database | New account created in the database | 001 |
| 039 | 008 | Functionality | The customer has an account | Monay are deposited in the account | Monay are deposited in the account | 001 |

3.1

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| --- | --- | --- | --- |
|  | ***Severity*** | | |
| ***Priority*** | ***Urgent*** | ***Critical*** | ***Non Critical*** |
| *Key feature does not worl* | *Company logo in the wrong colour* |
|  |
| ***Low*** | *Feature thet is rarely used does not work* | *The caption on an image is written in the wrong font* |

3.2

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| --- | --- | --- |
| EXECUTED | PASSED | 130 |
| FAILED | 0 |
| (Total) TESTS EXECUTED  (PASSED + FAILED) | 130 |
| PENDING |  | 0 |
| IN PROGRESS |  | 0 |
| BLOCKED |  | 0 |
| (Sub-Total) – Test Planned |  | 130 |
| (PENDING – IN PROGRESS – BLOCKED – TEST EXECUTED) |  |

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| --- | --- | --- | --- | --- | --- | --- |
| **Functions** | **Descriptions** | **% TCs Executed** | **% TCs Passed** | **TCs pending** | **Priority** | **Remarks** |
| New Customer | Check new customer is created | 100% | 100% | 0 | High |  |
| Edit Customer | Check custmer can be edited | 100% | 100% | 0 | High |  |
| New Account | Check new account is added | 100% | 100% | 0 | High |  |