Submitted by

Group 19

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Submitted to

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Bank Management system

Test Plans

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Methods | Test Cases | Expected Result | Actual Result | Status |
| getAccountBalance() | |  | | --- | | 1000.0 | | -1000.0 | | 0 | | |  | | --- | | 1000.0 | | Invalid input | | Invalid input | | |  | | --- | | 1000.0 | | Invalid input | | Invalid input | | |  | | --- | | Successful | | Successful | | Successful | |
| getAccountNumber() | |  | | --- | | 1 | | -1 | | 0 | | |  | | --- | | 1 | | Invalid input | | Invalid input | | |  | | --- | | 1 | | Invalid input | | Invalid input | | |  | | --- | | Successful | | Successful | | Successful | |

**AccountHolder class**

ForeignAccountHolder class

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Methods | Test Cases | Expected Result | Actual Result | Status |
| getAccountBalance() | |  | | --- | | 1000.0 | | -1000.0 | | 0 | | |  | | --- | | 1000.0 | | Invalid input | | Invalid input | | |  | | --- | | 1000.0 | | Invalid input | | Invalid input | | |  | | --- | | Successful | | Successful | | Successful | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Methods | Test Cases | Expected Result | Actual Result | Status |
| withdraw() | |  | | --- | | 100.0 | | -100.0 | | 1000.0 | | 500.0 | | |  | | --- | | true | | false | | false | | true | | |  | | --- | | true | | false | | false | | true | | |  | | --- | | Successful | | Successful | | Successful | | Successful | |

LocalAccountHolder class

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Methods | Test Cases | Expected Result | Actual Result | Status |
| withdraw() | |  | | --- | | 100.0 | | -100.0 | | 1000.0 | | 500.0 | | |  | | --- | | true | | false | | false | | true | | |  | | --- | | true | | false | | false | | true | | |  | | --- | | Successful | | Successful | | Successful | | Successful | |

Person class

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Methods | Test Cases | Expected Result | Actual Result | Status |
| getName() | |  | | --- | | null | | not null | | |  | | --- | | error | | Inserted string | | |  | | --- | | error | | Inserted String | | |  | | --- | | Successful | | Successful | |
| getPhone() | |  | | --- | | A String of number with length of 11 | | Number String with length less than 11 | | |  | | --- | | Given string | | error | | |  | | --- | | Given string | | error | | |  | | --- | | Successful | | Successful | |

SavingsAccountHolder class

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Methods | Test Cases | Expected Result | Actual Result | Status |
| receiveInterest() | |  | | --- | | 2.5 | | 0 | | -1 | | |  | | --- | | 25 | | 0 | | error | | |  | | --- | | 25 | | 0 | | error | | |  | | --- | | Successful | | Successful | | Successful | |

Transaction class

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Methods | Test Cases | Expected Result | Actual Result | Status |
| getAccountNumber() | |  | | --- | | 3 | | -3 | | |  | | --- | | 3 | | error | | |  | | --- | | 3 | | error | | |  | | --- | | Successful | | Successful | |
| getAccountId() | |  | | --- | | 2 | | -2 | | |  | | --- | | 2 | | error | | |  | | --- | | 2 | | error | | |  | | --- | | Successful | | Successful | |
| getPreviousBalance() | |  | | --- | | 1000.0 | | -1000.0 | | |  | | --- | | 1000.0 | | error | | |  | | --- | | 1000.0 | | error | | |  | | --- | | Successful | | Successful | |
| getIsWithdraw() | |  | | --- | | true | | false | | |  | | --- | | true | | false | | |  | | --- | | true | | false | | |  | | --- | | Successful | | Successful | |
| getTransactionBalance() | |  | | --- | | 1000.0 | | -1000.0 | | |  | | --- | | 1000.0 | | error | | |  | | --- | | 1000.0 | | error | | |  | | --- | | Successful | | Successful | |