Project 6 Design Document

# BankTest

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| --- | --- | --- | --- |
| Methods Tested | Specified Methods Not Tested (getters, setters, and toString) | Unspecified Methods Not Tested | Reason(s) For Not Testing Unspecified Methods |
| \*Constructor | getNAME | main | It was not relevant |
| addCustomer | getInsufficientFundsPenalty | addAccountWizard | It was not relevant |
| getCustomer | setInsufficientFundsPenalty | addCustomerWizard | It was not relevant |
| getAllCustomers | getAllAccounts |  |  |
| removeCustomer |  |  |  |

# CustomerTest

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| --- | --- | --- | --- |
| Methods Tested | Specified Methods Not Tested (getters, setters, and toString) | Unspecified Methods Not Tested | Reason(s) For Not Testing Unspecified Methods |
| \*Constructor | getBank | ytdFees | Since we did not know how to calculate the fees, we could not test it |
| addSavingsAccount | getCustomerId | hashCode | It was not relevant |
| ytdInterest | getLastName | equals | It was not relevant |
| removeAccount | getFirstName | compareTo | It was not relevant |
|  | getCustomerAccounts |  |  |
|  | getAccount |  |  |
|  | toString |  |  |

# SavingsAccountTest

|  |  |  |  |
| --- | --- | --- | --- |
| Methods Tested | Specified Methods Not Tested (getters, setters, and toString) | Unspecified Methods Not Tested | Reason(s) For Not Testing Unspecified Methods |
| \*Constructor | getDefaultInterestRate | hashCode | It was not relevant |
| getBalance | setDefaultInterestRate | equals | It was not relevant |
| deposit | getAccountDescription | compareTo | It was not relevant |
| withdraw | setAccountDescription |  |  |
| transfer | getBalance |  |  |
|  | getTransactions |  |  |
|  | getTransaction |  |  |
|  | getAccountId |  |  |
|  | getCustomerId |  |  |
|  | getAccountCreationDate |  |  |
|  | toString |  |  |

# TransactionTest

|  |  |  |  |
| --- | --- | --- | --- |
| Methods Tested | Specified Methods Not Tested (getters, setters, and toString) | Unspecified Methods Not Tested | Reason(s) For Not Testing Unspecified Methods |
| \*Constructor | getId | hashCode | It was not relevant |
|  | getTimestamp | equals | It was not relevant |
|  | getType | compareTo | It was not relevant |
|  | getAmount |  |  |
|  | getDescription |  |  |
|  | toString |  |  |

# TransactionTypeTest

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| --- |
| Constants Tested |
| DEPOSIT |
| WITHDRAWAL |
| INTEREST |
| CHECK |
| FEE |
| PENALTY |
| ADJUSTMENT |