It is difficult for us to generate test cases on the basis of our UML diagram alone as it does not actually specify any functionality. However we can test to see that the security level of class members is actually accurate. I am choosing to treat all of the class members of the same privacy level as equivalence classes

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| Test case ID | Description | Component | InCondition | InState | Expected |
| 1 | Attempt to access mAccountNumber | Account | N/A | N/A | Failure |
| 2 | Attempt to call the account constructor (either) | Account | N/A | N/A | Account object initialized |
| 3 | Attempt to call credit | Account | Account exists | N/A | Function called |
| 4 | Attempt to access mAccounts | BankManager | N/A | N/A | Failure |
| 5 | Attempt to call BankManager Constructor | BankManager | N/A | N/A | BankManager Object Initialized |
| 6 | Attempt to call createAccount() | BankManager | BankManager exists | N/A | Function Called |