| **Test Name** | | | sameBookScanned() | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Use Case Tested:** | | | Borrowing Restricted: Overdue Loan | | | |
| **Test Description:** | | | sameBookScanned() in BorrowUC\_CTLTest\_OperationsTest.java checks if a member has scanned a book twice. | | | |
| **Pre-conditions** | | | 1 book scanned, same book scanned again. | | | |
| **Post-conditions** | | | The book is not added to loan list again, scan count is not incremented. | | | |
| **Notes:** | | **Borrower cannot borrow when they have reached the fine limit.** | | | | |
| **Result (Pass/Fail/Warning/Incomplete)** | | **Pass** | | | | |
|  | **TEST STEP** | | | **EXPECTED TEST RESULTS** | P | F |
|  | New control class | | | Borrow state = created | P |  |
|  | Initialize the use case | | | Borrow state = initialized | P |  |
|  | Swipe Member card | | | Borrow state = scanning books | P |  |
|  | Loan list | | | Empty | P |  |
|  | Scan Count | | | 0 | P |  |
|  | Scan Book | | | No error | P |  |
|  | Loan list | | | Book added to list | P |  |
|  | Scan Count | | | Scan Count set to 1 | P |  |
|  | Scan Book again | | | Loan list has the book captured once, scan count is 1 | P |  |