| **Test Name** | | Confirm Loans |
| --- | --- | --- |
| **Use Case Tested:** | | Complete the borrowing book process |
| **Test Description:** | | Complete the borrowing book process |
| **Pre-conditions** | | BorrowBookCTL class exists  Pending loan list exists  BorrowBookCTL state == **CONFIRMING\_LOANS** |
| **Post-conditions** | | Main Menu is displayed  All pending loans are committed and recorded  Loan slip of committed loans printed  cardReader is disabled  scanner is disabled  BorrowBookCTL state == **COMPLETED** |
| **Notes:** |  | |
| **Result (Pass/Fail/Warning/Incomplete)** | **Pass** | |

|  | **TEST STEP** | **EXPECTED TEST RESULTS** | P | F |
| --- | --- | --- | --- | --- |
|  | Press Borrow books on the main page | Initializes card reader | \* |  |
|  | Enter 1 into member id and press swipe card | Initialized scanner | \* |  |
|  | Enter 10 into barcode scanner and press scan barcode | Displays user information  Pending loans  Current book  Existing loans | \* |  |
|  | Press complete in main panel | Asks for confirmation on main panel | \* |  |
|  | Press complete in main panel | All pending loans are committed and recorded | \* |  |
|  | Printer is initialized and current loan list is on print panel | Loan slip of committed loans printed  cardReader is disabled  scanner is disabled  BorrowBookCTL state == **COMPLETED** | \* |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Data Table** | | | | | |
|  | **1** | **2** | **3** | **4** | **5** |
| [Data field 1] | 1 |  |  |  |  |
| [Data field 2] | 10 |  |  |  |  |
| [Data field 3] | [data set 1 input value for field 3] |  |  |  |  |