| **Test Name** | | Confirm Loans |
| --- | --- | --- |
| **Use Case Tested:** | | Confirm Loans Use Case |
| **Test Description:** | | Before a member can take the scanned books they want to borrow, they must confirm the loan so they it is recorded what book they’ve borrowed. |
| **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 committee loans printed * cardReader is disable * scanner is disabled * BorrowBookCTL state == COMPLETED |
| **Notes:** | Intent: complete the borrowing book process  Signature: loansConfirmed() | |
| **Result (Pass/Fail/Warning/Incomplete)** |  | |

|  | **TEST STEP** | **EXPECTED TEST RESULTS** | P | F |
| --- | --- | --- | --- | --- |
|  | Click ‘Borrow Books’. | * The BorrowBookUI is displayed. * The SwipeCard panel of BorrowBokUI displayed. * The Cancel button enabled. * The cardRead is enabled. * The scanner is enabled. |  |  |
|  | Enter member Id ‘1’, and press ‘Swipe Card’. | * Scanning panel of BorrowBookUI displayed * Complete and Cancel buttons enabled * The cardReader is disabled * The scanner is enabled * The borrower details displayed |  |  |
|  | Enter book Id ‘10’, and press ‘Scan Book Barcode’.  Enter book Id ‘11’, and press ‘Scan Book Barcode’.  Enter book Id ‘12’, and press ‘Scan Book Barcode’. | * BorrowBookUI is displayed * Scanning panel of BorrowBookUI displayed * Cancel button enabled * cardReader is disabled * scanner is enabled * scanned books details displayed * new (pending) loan created * (pending) loan added to pending loan list * Current pending loan list displayed |  |  |
|  | Press ‘Completed’, at the bottom of the Display window. | * BorrowBookUI is displayed * Confirming Loan panel of BorrowBookUI is displayed * List of pending loans displayed * Cancel button enabled * cardReader is disabled * scanner is disabled |  |  |
|  | Press ‘Confirm’, at the bottom left of the Display window. | * Main Menu is displayed * All pending loans are committed and recorded * Loan slip of committee loans printed * cardReader is disabled * scanner is disabled |  |  |