| **Test Name** | | | 01 - Normal Flow | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Use Case Tested:** | | | Borrow Book | | | |
| **Test Description:** | | | A valid unrestricted member borrows a single book. | | | |
| **Pre-conditions** | | | A member with a valid card without any restrictions, and at least 1 book available to borrow. | | | |
| **Post-conditions** | | | The member has 1 book on loan and the book is now listed as on loan. | | | |
| **Notes:** | | **Book name not correctly showing when user scans book, but correct book id selected.** | | | | |
| **Result (Pass/Fail/Warning/Incomplete)** | | **Fail** | | | | |
|  | **TEST STEP** | | | **EXPECTED TEST RESULTS** | P | F |
|  | Click Borrow book. | | | Display shows message “Swipe Card Please” | ✓ |  |
|  |  | | | Card reader activated. | ✓ |  |
|  | User swipes card. (Member ID 1 used) | | | Display shows members details. (ID, Name, Contact) | ✓ |  |
|  |  | | | Card reader disabled | ✓ |  |
|  |  | | | Scanner enabled | ✓ |  |
|  | User Scans book. (Book 10 used) | | | Book added to pending load list | ✓ |  |
|  |  | | | Book Title displayed |  | X |
|  | User clicks completed. | | | Scanner disabled | ✓ |  |
|  |  | | | Display shows current loan list | ✓ |  |
|  | User Clicks Confirm | | | Printer prints loan receipt. | ✓ |  |
|  |  | | | Display returns to Main Menu | ✓ |  |

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