| **Test Name** | | | **Test Reaching book Limit** | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Use Case Tested:** | | | Borrow Book | | | |
| **Test Description:** | | | the user will attempt to borrow 2 books to reach the borrow limit | | | |
| **Pre-conditions** | | | Library interface is opened to it's initial screen, ready for the user to start borrowing | | | |
| **Post-conditions** | | | card reader disabled, book scanner disabled, message to say loan limit reached is displayed | | | |
| **Notes:** | |  | | | | |
| **Result (Pass/Fail/Warning/Incomplete)** | |  | | | | |
|  | **TEST STEP** | | | **EXPECTED TEST RESULTS** | P | F |
|  | Click Borrow Book on the main display | | | Card reader is enabled and prompt to scan card is displayed |  |  |
|  | Enter “6” into the card Card Reader and confirm | | | * Scanning display is shown * card reader is disabled * Scanner is enabled |  |  |
|  | In the Book Scanner enter “12” and confirm | | | * Book with id 12 shows in pending loans * Scanned book Details are shown * nothing else changes |  |  |
|  | In the Book Scanner enter “13” and confrim | | | * Error stating loan limit is reached is shown * only previous book is shown in pending loans * book Scanner is disabled |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Data Table** | | | | | |
|  | **1** | **2** | **3** | **4** | **5** |
| Member ID | 6 |  |  |  |  |
| Book ID | 12 | 13 |  |  |  |