| **Test Name** | | | Borrowing Restricted Test | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Use Case Tested:** | | | Borrow Book | | | |
| **Test Description:** | | | Each of the required steps for the borrow use case is executed in a linear fashion. The borrow books button is pressed, the member id is input, the member’s overdue loans and any possible fines are displayed. | | | |
| **Pre-conditions** | | | The main menu of the program is displayed. This contains a “Borrow Books” button which is used to start the Borrow Book use case. The program is simply loaded in its default configuration. There is existing test data for members and books which includes a member who is restricted from borrowing. | | | |
| **Post-conditions** | | | The user is returned to the main menu of the program. | | | |
| **Notes:** | |  | | | | |
| **Result (Pass/Fail/Warning/Incomplete)** | |  | | | | |
|  | **TEST STEP** | | | **EXPECTED TEST RESULTS** | P | F |
|  | Click “Borrow Books” button | | | Cancel button enabled, card reader is enabled and scanner is disabled | P |  |
|  | Enter member ID and click “Swipe Card” button | | | Cancel button enabled, card reader is disabled, scanner is disabled, borrower details displayed, existing loans displayed, overdue message displayed. | P |  |
|  | Click “Cancel” button | | | Main menu is displayed, card reader is disabled and scanner is disabled | P |  |

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| --- | --- | --- | --- | --- | --- |
| **Test Data Table** | | | | | |
|  | **1** | **2** | **3** | **4** | **5** |
| Member ID | 2 |  |  |  |  |