| **Test Name** | | | Member Overdue | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Use Case Tested:** | | | Borrow Book | | | |
| **Test Description:** | | | This test case will ensure that a user that has overdue books cannot borrow | | | |
| **Pre-conditions** | | | Test data is created within the program | | | |
| **Post-conditions** | | | The user could not borrow a book | | | |
| **Notes:** | |  | | | | |
| **Result (Pass/Fail/Warning/Incomplete)** | | **Pass** | | | | |
|  | **TEST STEP** | | | **EXPECTED TEST RESULTS** | P | F |
|  | Open the program | | | The program opens with 4 panels *Display*, *Card* *Reader*, *Scanner* and *Printer*. Only the *Display* panel is active | X |  |
|  | Press the **Borrow Books** button | | | The *Card Reader* becomes active.  The *Display* panel changes to give a **Cancel** button | X |  |
|  | Input Member ID, press **Swipe Card** button | | | The *Card Reader* becomes inactive  The *Scanner* becomes inactive  The *Display* panel changes to list the following   * Member details * Lists any borrowing restriction   + ***Borrower has overdue loans*** * Lists any existing loans * Current book that was just scanned * The pending loan list * A inactive **Complete button** * A **Cancel** button | X |  |
|  | Close the program pressing the **X** in the top right of the *Display panel* | | | The program closes | X |  |

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