**Test Case 01 – Borrower Swipes their borrowing card**

Description: User swipes their borrowing card. The system checks the borrowers record, and displays borrower information and loans.

Pre-conditions: Valid member exists, and is populated with data.

Post-conditions: UI displays relevant borrower record, book loan, and outstanding fine data.

Data required: Member ID

**Test Case 02 – Borrower ID is invalid**

Description: Check to see the system does not enable book borrowing to users that scan the wrong member ID.

Pre-conditions: State INITIALIZED, “Borrow Books” button pressed.

Post-conditions: Valid error message “Member ID not found” displayed.

Data required: None.

**Test Case 03 – Member borrows book**

Description: Member ID is swiped and no outstanding fines or overdue loans are present, which enables the book scanner that allows the borrower to borrow more books, by scanning the book ID.

Pre-conditions: No outstanding fines, no overdue loans, valid member ID.

Post-conditions: SCANNING\_BOOKS state enabled.

Data required: Member ID, Book ID