**TC\_1 - isBorrowUIDisplayed:**

Description: When a member of the library selects the borrow function of the system.

Pre-conditions: The application is running  
Post-conditions: Borrow UI is displayed  
Data required: none

**TC\_2 – borrowbuttonpressed:**

Description: borrow button has been pressed

Pre-conditions: Borrow UI is displayed  
Post-conditions: Swipe Card panel is displayed, Cancel button enabled, Card reader enabled, Scanner disabled, state set to initialized.  
Data required: none

**TC\_3 – hasCardBeenSwiped:**

Description: Member swipes their member card in the card reader

Pre-conditions: Swipe Card panel displayed, Card reader enabled, state set to initialized, user is a valid member, member has pressed borrow button.  
Post-conditions: Scanning panel is displayed, Card reader is disabled, Scanner is enabled, Borrower details displayed, Existing loans displayed, and state set to scanning books.

Data required: memberID = 4

**TC\_4 – isMemberRestricted:**

Description: Member has outstanding fines and is restricted from borrowing

Pre-conditions: member has swiped their membership card.

Post-conditions: Scanning panel is displayed, Card reader is disabled, Scanner is disabled, Borrower details displayed, Existing fine message is displayed, borrowing restricted message displayed and state set to borrowing restricted.

Data required: memberID = 4