# Scenario 1: Unrestricted Borrower Borrowing

## Scenario Description

* Makes sure an unrestricted borrower:
* can borrow an available book
* can’t borrow a loaned book

## Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| Version # | Date | Author | Description |
| 1.0 | 18/09/2016 | Erin Tewes | Initial Version |

## Test Scripts

The following scripts will cover this scenario:

* 1. Borrows available book with no restrictions – success
* 6. Borrows loaned book with no restrictions - failure

## Use Case

* Borrow book

## Test Components/Requirements

This test scenario covers the following high-level test requirements (see scripts below for specific requirements covered by each test script):

* Unrestricted borrower can borrow an available book
* Unrestricted borrower can’t borrow a loaned book

## User Groups

* Borrower

## Script #1: Borrows available book with no restrictions – success

### Script Description

* Swipe card of an unrestricted borrower, and attempt to borrow an available book
* Swipe card again to confirm the loan appears

### Testing Requirements

This test script covers the following specific testing requirements:

* Available books should be able to be borrowed

### Setup

* Open program fresh
* Not have scanned any previous members
* No other scripts need to have been run before this one

### Teardown

* Swipe card again to ensure loan is added to borrower

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | Click Borrow Books | * Swipe Card panel enabled * Other non-main panels disabled * Main panel changes to ‘Swipe Card’ state | Pass |
| 2 | Enter member id (0) and click Swipe Card | * Swipe Card panel disabled * Scan Book panel enabled * Main panel changes to ‘Scan Book’ state * Member details (0) displayed * Nothing displayed in Restricted | Pass |
| 3 | Enter book id (14) and click Scan Book | * Book information appears under Book * Loan with borrower (0) and Pass book (14) appears in pending loans | Pass |
| 4 | Click Complete | * Main display changes to ‘Confirming’ state * Same loan appears in display (as pending before) | Pass |
| 5 | Click Confirm | * Main display changes to ‘Created’ state * All other panels disabled | Pass |
| 6 | Repeat Step 1 | * Same as Step 1 | Pass |
| 7 | Repeat Step 2 | * Same as Step 2 but with the loan just created appearing under ‘existing loans’ | Pass |

### Test Execution

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date/Time | Tester | Test ID | Test Phase | Status |
| 18/09/16 8:00 pm | Erin Tewes | - | End Testing | Passed |

## Script #6: Borrows loaned book with no restrictions – failure

### Script Description

* Swipe card of an unrestricted borrower, and attempt to borrow a loaned book
* Swipe card again to confirm the loan does not appear

### Testing Requirements

This test script covers the following specific testing requirements:

* Loaned books should not be able to be borrowed

### Setup

* Open program fresh
* Not have scanned any previous members
* No other scripts need to have been run before this one

### Teardown

* Swipe card again to ensure loan is not added to borrower

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | Click Borrow Books | * Swipe Card panel enabled * Other non-main panels disabled * Main panel changes to ‘Swipe Card’ state | Pass |
| 2 | Enter member id (0) and click Swipe Card | * Swipe Card panel disabled * Scan Book panel enabled * Main panel changes to ‘Scan Book’ state * Member details (0) displayed * Nothing displayed in Restricted | Pass |
| 3 | Enter book id (14) and click Scan Book | * Book information appears under Book * Loan with borrower (0) and Pass book (14) appears in pending loans | Pass |
| 4 | Click Complete | * Main display changes to ‘Confirming’ state * Same loan appears in display (as pending before) | Pass |
| 5 | Click Confirm | * Main display changes to ‘Created’ state * All other panels disabled | Pass |
| 6 | Repeat Step 1 | * Same as Step 1 | Pass |
| 7 | Repeat Step 2 | * Same as Step 2 but with the loan just created appearing under ‘existing loans’ | Pass |

### Test Execution

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date/Time | Tester | Test ID | Test Phase | Status |
| 18/09/16 8:10 pm | Erin Tewes | - | End Testing | Passed |