# Scenario # 1: Borrow Book Normal Flow

## Scenario Description

Borrow Book details out the process of testing borrowing subsystem of the Library System. This scenario elaborates the normal flow of events.

## Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| Version # | Date | Author | Description |
| 0.1 | 01/10/2016 | Abhishek Gaba | Initial Draft |

## Test Scripts

The following scripts will cover this scenario:

Borrow Book - Normal Flow

## Use Case

* Borrow Book

## Test Components/Requirements

This test scenario covers the following high-level test requirements

MainUI

Borrow Book UI

IBook

ILoan

IMember

## User Groups

Library Member

## Script # 1: Borrow Book - Normal Flow

### Script Description

When a member of the library wants to borrow a book they swipe their borrowing card, and scan the books they want to borrow so that the loans are registered in their borrowing record and they can take the books home.

### Testing Requirements

Borrowers and books records exist in the system before carrying out this scenario.

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | Choose to borrow book |  |  |
| 2 | System prompts to swipe card |  |  |
| 3 | Swipe borrower card |  |  |
| 4 | System checks borrower record |  |  |
| 5 | System displays scanning screen and display borrower details |  |  |
| 6 | Scan book |  |  |
| 7 | Display book details |  |  |
| 8 | Confirm loan |  |  |

# Scenario # 2: Borrow Book – Borrowing Restricted

## Scenario Description

Borrow Book scenario 2 details out the process of testing borrowing subsystem of the Library System and elaborates the case where borrowing is restricted for a particular borrower.

## Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| Version # | Date | Author | Description |
| 0.1 | 01/10/2016 | Loveveer Singh | Initial Draft |

## Test Scripts

The following scripts will cover this scenario:

Borrow Book - Borrowing Restricted

## Use Case

* Borrow Book

## Test Components/Requirements

This test scenario covers the following high-level test requirements

MainUI

Borrow Book UI

IBook

ILoan

IMember

## User Groups

Library Member

## Script # 1: Borrow Book - Borrowing Restricted

### Script Description

When a member of the library wants to borrow a book they swipe their borrowing card, and scan the books they want to borrow so that the loans are registered in their borrowing record and they can take the books home.

But the system tells borrower that borrowing is restricted due to any reason.

### Testing Requirements

Borrowers and books records exist in the system before carrying out this scenario and borrower has already borrowed books as defined in the borrowing limit.

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | Choose to borrow book |  |  |
| 2 | System prompts to swipe card |  |  |
| 3 | Swipe borrower card |  |  |
| 4 | System checks borrower record |  |  |
| 5 | System displays restricted screen |  |  |
| 6 | System displays borrower details |  |  |
| 7 | System displays existing loan details |  |  |
| 8 | Borrower cancels the borrowing |  |  |

# Scenario # 3: Borrow Book – More Books to Scan

## Scenario Description

Borrow Book details out the process of testing borrowing subsystem of the Library System. In this scenario system asks borrower or allows borrower to scan more books after a completion of normal flow of events.

## Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| Version # | Date | Author | Description |
| 0.1 | 01/10/2016 | Prashant | Initial Draft |

## Test Scripts

The following scripts will cover this scenario:

Borrow Book – More Books to Scan

## Use Case

* Borrow Book

## Test Components/Requirements

This test scenario covers the following high-level test requirements

MainUI

Borrow Book UI

IBook

ILoan

IMember

## User Groups

Library Member

## Script # 1: Borrow Book – More Books to Scan

### Script Description

When a member of the library wants to borrow a book they swipe their borrowing card, and scan the books they want to borrow so that the loans are registered in their borrowing record and they can take the books home.

At the end system asks Borrower if he/she wants to scan more books to borrow.

### Testing Requirements

Borrowers and books records exist in the system before carrying out this scenario and borrower has borrowed books below the defined borrowing limit.

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | Choose to borrow book |  |  |
| 2 | System prompts to swipe card |  |  |
| 3 | Swipe borrower card |  |  |
| 4 | System checks borrower record |  |  |
| 5 | System displays scanning enabled screen |  |  |
| 6 | System displays borrower details |  |  |
| 7 | Borrower scans a book |  |  |
| 8 | The system displays the book’s details |  |  |
| 9 | System displays the loan list for confirmation |  |  |
| 10 | Borrower confirms the borrowing |  |  |
| 11 | System records the loan to the list of current loans |  |  |
| 12 | System checks if borrower is below borrowing limit and prompts to scan another book |  |  |
| 13 | Borrower scans and system resumes at step # 7 |  |  |

# Scenario # 4: Borrow Book – More Books to Scan

## Scenario Description

Borrow Book details out the process of testing borrowing subsystem of the Library System. In this scenario system asks borrower or allows borrower to scan more books after a completion of normal flow of events.

## Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| Version # | Date | Author | Description |
| 0.1 | 01/10/2016 | Umair | Initial Draft |

## Test Scripts

The following scripts will cover this scenario:

Borrow Book – More Books to Scan

## Use Case

* Borrow Book

## Test Components/Requirements

This test scenario covers the following high-level test requirements

MainUI

Borrow Book UI

IBook

ILoan

IMember

## User Groups

Library Member

## Script # 1: Borrow Book – More Books to Scan

### Script Description

When a member of the library wants to borrow a book they swipe their borrowing card, and scan the books they want to borrow so that the loans are registered in their borrowing record and they can take the books home.

At the end system asks Borrower if he/she wants to scan more books to borrow.

### Testing Requirements

Borrowers and books records exist in the system before carrying out this scenario and borrower has borrowed books below the defined borrowing limit.

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | Choose to borrow book |  |  |
| 2 | System prompts to swipe card |  |  |
| 3 | Swipe borrower card |  |  |
| 4 | System checks borrower record |  |  |
| 5 | System displays scanning enabled screen |  |  |
| 6 | System displays borrower details |  |  |
| 7 | Borrower scans a book |  |  |
| 8 | The system displays the book’s details |  |  |
| 9 | System displays the loan list for confirmation |  |  |
| 10 | Borrower confirms the borrowing |  |  |
| 11 | System records the loan to the list of current loans |  |  |
| 12 | System checks if borrower is below borrowing limit and prompts to scan another book |  |  |
| 13 | Borrower cancels and system ends the transaction and resume at step 1. |  |  |

# Scenario # 5: Borrow Book – At Loan Limit

## Scenario Description

Borrow Book details out the process of testing borrowing subsystem of the Library System and elaborates a scenario where a borrower wants to scan a book to borrow but is already at loan limit.

## Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| Version # | Date | Author | Description |
| 0.1 | 01/10/2016 | Salman | Initial Draft |

## Test Scripts

The following scripts will cover this scenario:

Borrow Book – At Loan Limit

## Use Case

* Borrow Book

## Test Components/Requirements

This test scenario covers the following high-level test requirements

MainUI

Borrow Book UI

IBook

ILoan

IMember

## User Groups

Library Member

## Script # 1: Borrow Book – At Loan Limit

### Script Description

When a member of the library wants to borrow a book they swipe their borrowing card, and scan the books they want to borrow so that the loans are registered in their borrowing record and they can take the books home. But the system tells the borrower that he/she is already at the loan limit hence can’t borrow more books.

### Testing Requirements

Borrowers and books records exist in the system before carrying out this scenario and borrower has already borrowed books as defined in the borrowing limit.

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | Choose to borrow book |  |  |
| 2 | System prompts to swipe card |  |  |
| 3 | Swipe borrower card |  |  |
| 4 | System checks borrower record |  |  |
| 5 | System displays scanning enabled screen |  |  |
| 6 | System displays borrower details |  |  |
| 7 | Borrower scans a book |  |  |
| 8 | System tells borrower that loan limit has reached |  |  |
| 9 | System displays the loan list |  |  |
| 10 | Borrower confirms and prints the Loan Slip |  |  |