**Renew Book**

**Project Name: Library Management System**

Revision History

| **Version** | **Date** | **Revision Description** |
| --- | --- | --- |
| 1 | January 29, 2015 | Initial Draft |
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**Use Case Name:** Renew Book

**Use case Description:** Renew book

**Actor:**

User

**Trigger:**

User action

**Pre conditions:**

1. User must be logged into system.

**Success end conditions:**

1. Update due date for the book being renewed.
2. Return book to user with http code 201.

**Failure end condition:**

1. Error message “Book can’t be renewed as the book is not borrowed” with http code 400.
2. Error message “Book can’t be renewed as you have reached max available limit of renewed count” with http code 400.

**Primary Flow:**

1. User create HTTP POST request with userAcitivityId to renew.
2. System validates that the book is borrowed.
3. System validates that users maximum renew limit hasn’t reached.
4. System updates due date.
5. System updated renew count. Increments by one.

**Alternate Flow:**

2a. use case ends, and returns failure end condition 1.

3a. use case ends, and returns failure end condition 2.

**Frequency of Use:**

30/min

**Special Requirements:**

None

**Assumptions:**

None