**Use case Document**

**Use case name**: Borrowing books.

**Description**: A student orders a book or a set of books in the library management system. Once the registration is done, the system generates a bill. The student submits the bill to the librarian on or before the expiry date of the bill. The librarian gives the registered book or books to the student and updates the inventory.

**Actors**: Student, Librarian and the library management system.

**Trigger**: Student ordering books in the library management system.

**Precondition**: Student should not have any unreturned books which has crossed its due date to register for new books.

**Basic Flow**:

1. A student orders a book or a set of books in the library management system.
2. The system generates a bill.
3. The student should submit the bill to the librarian.
4. The librarian gives the book and updates inventory.

**Alternates**: If the book ordered is not available in the library, then the system throws a message saying the book is not available.

**Exception**: The library management system malfunctioning.

**Postcondition**: The student getting the required books.

**Stakeholders**: Student.

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| **Nouns** | **Class** |
| Student | Student |
| Book, Books, Date | Book |
| Librarian | Librarian |
| Library, Library management system, System, Message, Inventory | System |
| Bill | Bill |