

Project LIB OPAC

Program Design Language

Submitted to:

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Revision Control

History Revision:

<i>Revision Date</i>	<i>Person Responsible</i>	<i>Version Number</i>	<i>Modification</i>
11/29/17	Francis dela Cruz	1.0	Initial Document

Control Class: BorrowBookController

Program Specification (Method): Update Book Status

Input:

Book-Record: Book whose status will be updated
New-Status: New status to update to

Output:

None

Program Logic:

```
DO
    IF Book-Record.Status == New-Status
        exit
    END
    IF Book-Record.Status == "Not allowed for borrowing"
        AND New-Status == "On circ"
        exit
    END
    IF Book-Record.Status == "On circ"
        AND New-Status == "Not allowed for borrowing"
        exit
    END
    Book-Record.Status = New-Status
END
```