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SER215

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| Library Management System: Checkout Book | |
| Actors | Library Staff, Patron, Library Management System |
| Description | The patron will present the library staff with a book to check out. The system will check the book to ensure that the book is not currently on reserve. Additionally the system will check to ensure that the individual does not have any current overdue books. Upon determining these factors the system will assign a return date for the book based upon the type of book. The patron will then have the book information written to their account. |
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| Data | Patron’s account, book’s account |
| Stimulus | Checkout book command entered by the library staff |
| Response | Confirmation of successful checkout and the return date, or user account dues, or book is currently reserved |
| Comments | The System will have to query objects for the book itself and the user account object as well |
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