**Use case document for Library App.**

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| **Name** | Login |
| **ID** | LibApp-0001 |
| **Description** | Allows the User to log into the application |
| **Actors** | Primary Actor: Customer |
| **Organizational Benefits** | Allows customers to log into the app to check out books |
| **Frequency of Use** | When a customer desires to check out a book. Will vary with user |
| **Triggers** | Started when user logs into the app |
| **Preconditions** | Must open the application. |
| **Postconditions** | Users will be directed to search catalog |
| **Main Course** | The most common path of interactions between the user and the system   1. Enter user name and password 2. Log into the app |
| **Alternate Course** | Alternate paths through the system   1. None |
| **Exceptions** | Exception handling by the system  EX1:<login error>   1. User does not exist 2. Navigates back to login screen   EX2: <password error>   1. Wrong password entered 2. Directed back to login screen |

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| **Name** | Search Catalog |
| **ID** | LibApp-0002 |
| **Description** | Allows the User to search the catalog for books to check out. |
| **Actors** | Primary Actor: Customer Secondary Actor: Library |
| **Organizational Benefits** | Allows customers to search the library catalog to select which books they will check out. |
| **Frequency of Use** | After a user has logged in to find a book |
| **Triggers** | After successful login |
| **Preconditions** | User must have successfully logged in |
| **Postconditions** | Users will be directed to check out |
| **Main Course** | The most common path of interactions between the user and the system  1 Search for book  2 Add book to checkout |
| **Alternate Course** | 1 Book is not available  2 Return to the |
| **Exceptions** | Exception handling by the system  EX1:<not found>   1. Book is not found. 2. Navigates back to search screen |