

Library Media Catalog System

System Requirements

No.	Priority Weight	Description
REQ1	5	The system should have a database to store information about media items, including title, author, genre.
REQ2	5	Patrons should be able to search the library catalog.
REQ3	5	Patrons should be able to borrow media items through a checkout process.
REQ4	5	The system should facilitate the return of borrowed media items.
REQ5	4	Patrons should be able to reserve media items that are currently unavailable.

Use Cases

No.	Description
UC1	Create Account: User creates an account
UC2	Update User Info: User updates their account information
UC3	Account Log-In: User logs into their account
UC4	Change Password: User changes their password
UC5	Browse Media Catalog: User browses the media catalogue
UC6	View Media Info: View information about a piece of media in the catalogue
UC7	Check-Out Media: User checks-out a piece of available media in the catalog
UC8	View Checked-Out Media: User views their currently checked-out media
UC9	View Check-Out History: User views their previously checked-out media
UC10	Return Media: User returns a piece of media
UC11	Reserve Media: User reserves a piece of media in the catalog

Traceability Matrix

[illegible]