

Library Management System Brochure

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INFO-C451: System Implementation
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Links

Demo link: https://iu.mediaspace.kaltura.com/media/t/1_h6hjiyo3

Project webpage URL: <https://github.com/wikapple/INFOC451-Midterm>

System Features

Manage library content

The system will be connected to a database which stores records on library inventory and their status. Employees must be able to create, delete, and modify these records as the library inventory changes.

Process Check-out and check-in of items

The system will include a fast and efficient process for checking content out to its members. Staff can scan QR codes of books being checked out or checked back in to avoid looking up each item. The checkout and check-in process must validate the process is valid based on the item's status and the member's account status.

Review accounts of library members

Staff must be able to view the status of member accounts and identify accounts of late or missing returns. Members must also be able to view their own account to help them maintain their account status.

Identify late returns, issue fees, process fee payments

Staff may issue fees on late returns or damaged property. Staff must be able to process fee payments. Members may have the option to self-pay.

Register new members

New members can use the system to register an account and log in.

System requirements

This is a web application accessed via a web browser. The web browser must be up to date. The browser must also have JavaScript enabled (usually enabled by default). For QR-code scanning, the application and browser must be granted permission to access a device camera.

Diagram

