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INFO 6210 Database Project Topic

**Database Topic**

Academic Library

**Mission Statement**

The purpose of this database is to maintain the data used to generate and support school library operations. It will be used in all its features by library staff, with limited access for patrons such as searching titles and authors as well as course reserves lists and placing holds.

**Mission Objectives**

* To maintain (enter, update, and delete) data on titles
* To maintain (enter, update, and delete) data on editions
* To maintain (enter, update, and delete) data on copies of books
* To maintain (enter, update, and delete) data on authors
* To maintain (enter, update, and delete) data on publishers
* To maintain (enter, update, and delete) data on acquisition orders
* To maintain (enter, update, and delete) data on vendors
* To maintain (enter, update, and delete) data on checkout transactions
* To maintain (enter, update, and delete) data on patrons
* To maintain (enter, update, and delete) data on collections
* To maintain (enter, update, and delete) data on courses
* To maintain (enter, update, and delete) data on course reserves lists
* To maintain (enter, update, and delete) data on holds
* To maintain (enter, update, and delete) data on fine transactions
* To perform searches on titles
* To perform searches on editions
* To perform searches on copies of books
* To perform searches on authors
* To perform searches on publishers
* To perform searches on acquisition orders
* To perform searches on vendors
* To perform searches on checkout transactions
* To perform searches on patrons
* To perform searches on collections
* To perform searches on courses
* To perform searches on course reserve lists
* To perform searches on holds
* To perform searches on fine transactions
* To track the status of holds
* To track the status of fines
* To track the status of acquisition orders
* To track the number of times a copy is checked out
* To track the status of a copy (e.g. available, checked out, damaged, lost)
* To report on books that are overdue
* To report on books that have not been checked out in a specified amount of time
* To report on books that are highly used
* To report on books that are damaged and need to be replaced
* To report on acquisition order statuses
* To report on the content of collections
* To report on the contents of course reserve lists
* To report on outstanding holds
* To report on patrons with holds or overdue books
* To report on outstanding acquisition orders
* To report on outstanding fines
* To report on active or historical course reserve lists
* To report on collections of special interest
* To report on currently available titles