# Library Database Proposal

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COMP 250: Programming II

Inventory of a Library can be efficiently improved with software. In the past, Librarians would be required to go aisle-by-aisle to track the inventory of their Library. In this semester, I hope to implement a digital inventory of a Library that may consist of CDs, Movies, and Books in the format of Physical and Audio Tapes.

The Librarian shall have the capabilities of tracking the amount of a specific inventory through a simple console. The Librarian shall have the capabilities to modify items into their inventory which includes adding, removing, and editing existing entries. The Librarian shall have the capabilities of sorting a specific sub-group of entries through identifiers. For example, if the Librarian was only searching for historical textbooks, the inventory management will be able to a) query for a subgroup of Physical Books b) related to the History Genre c) sorted by Publishers.