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**Phase 1 - Requirements**

Library Organization Database

* The Library Organization is a group of libraries. The organization will have a list of its members that include their names, unique codes, and membership start dates.
* A Library will have a name, unique code, street address, town/city, zip code, and if it is open to the public.
* There will also be Members of Libraries. These Members can only register to one library at a time. A Member will have the following information: unique ID, first name, middle initial, last name, membership start date, and any currently checked out books. A Member will also be able to log into a Computer with their unique ID and a registered password.
* Every Library will have an Inventory. This inventory will be made up of books. For every entry, there will be a title, subtitle (if available), ISBN, and a quantity for how many copies of that book are currently available.
* All Books within the Library Organization will be stored in a master list. This is where more information about a Book will be stored. This information will include a title, subtitle (if available), author, ISBN, year, and publisher. These Books will also have a library code that shows what Library they belong to.
* A Computer will belong to one library. This Computer will have a unique ID, make, model, year, operating system, and software version number. A Member will be able to use their username and password to sign into a Computer.