**Requirements that absolutely must be met – Essential:**

Database with owned books

Method to search this data base

Method to add and remove books from this database

Only available to privileged users (If open to web access)

Book checkout

**Requirements that are highly desirable but not necessary – Desirable**

Access to papers that have no ISBN

Book locations, number shelf: row

Accessible through the internet

Hosted by kent.edu

Require KSU account sign-in for authorization

Advanced searching:

Show covers

Add picture

Use open library API

[Authors](https://openlibrary.org/dev/docs/api/authors) API - Retrieve an author and their works by author identifier

[Subjects](https://openlibrary.org/dev/docs/api/subjects) API - Fetch books by subject name

[Search inside](https://openlibrary.org/dev/docs/api/search_inside) API - Search for matching text within millions of books

Stone replicas

Time tool type bio location pic

**Requirements that are possible, but could be eliminated – Optional**

Beautification