Bullet Points for final class project:

* **Library Database management system**

1. Store which books the library has (catalog)
2. Stores user accounts (+flag for overdue accounts)
3. Store checked out books and which accounts they are linked to
4. Stores deadline of checked out books

**Algorithm Rough Draft:**

**#include <fstream>**

**#include <vector>**

**Use ctime for date (#include <time.h>)**

**Class Catalog**

Search function

Hash function

Add/remove function

Save file function

**Class CustomerList**

Search function

Hash function

Add/remove function

Save file function

\*Binary search tree function

**main**

Menu

Switch statement

->cases