My UML diagram changed from my first one because the first one was made more for a database rather than updating a file. The file has to update the whole thing when ever you want to update one field. With a larger library this would slow the system down.

Some things that changed:

1. Took away documents for time management (Only Books and Journals)
2. You can’t register as a Librarian. You have to select one of the 2 librarians to add books.
3. Librarian isn’t a sub class of users because librarians aren’t able to check out books. Made the librarian the admin to add books and journals.
4. There is no password field for users.

Those where the biggest changes from the original UML diagram.