CS 631 - Deliverable 3

Calin Blauth
Vineet Sridhar
Samir Peshori

<u>Implementation</u>

- Developed all SQL files on AFS to make databases for items such as the documented books and administration credentials/card numbers for login purposes.

- Hosted all the PHP files on AFS as well to make user interface and functionality to interact with the given databases.

- Developed PHP pages and specific functions for both the reader and admin side, and brought them together for needed use and functionality.

<u>Problems Faced</u>

- Getting the layout of all the tables and PHP interfaces to work correctly together.

- Making sure all the tables were populated properly with given attributes and constraints.

- Incorporating all the PHP required to develop the functions to actually make the menu driven sites work with the given implementation.

- Translating from theory to this form of application was a little new.

<u>User Guide</u>

Reader

1. Access Index Page

2. Type in given card number

3. Now you have access to a view of your fines, documents/publisher info and their statuses

4. Search a document by its ID, title, or publisher name

5. Then you have the option to logout

Admin

1. Access Index Page

2. Type in given ID and password in the form, now you have the ability to use the following functions or view this given information

3. You can add a document copy via inputting the given Document ID, Copy Number, Library ID, and Position in the branch

4. Type a Copy Number and ID and check what its current status is

5. Add a new reader with the person's name, address, ID, and type of individual

6. The following data will also be printed for your reference: top 10 frequent borrowers in a branch, most borrowed books in a brand, and popular books of the year. Along with that the average fine due by all readers will be displayed

7. Then you have the option to logout