

## Code Documentation

What we have finished so far:

- Database Initialization system - will initialize the database automatically if there are no database
- Sample data entries - random data to simulate
- Basic Website frontend + backend codes
  - Login using RIT's LDAP server
  - Insert new user data in the database if the user is new
  - Post a new book
  - Display the newly post book
  - Randomly select books to showcase on the index page
  - View history( My book) which contain all bid and trade by that user
  -

What is not working(yet):

- Inbox
- Outbox
- Notification System

Setup Instructions (For MAC)

1. Install XAMPP on the computer from <https://www.apachefriends.org/download.html>
2. After it has installed, set up xampp security (**mysql server and xampp**) by running this command in the terminal: `sudo /Applications/XAMPP/xamppfiles/xampp security`. The instruction will pop up on the screen once you install xampp.
3. Install the project folder in XAMPP's htdocs directory.
4. Navigate to Database/databaseConfig.php and Library/config.php. Supply your xampp's mysql username and password in the appropriate fields.
5. Point your browser to localhost/path\_of\_the\_project
6. To view the data:  
GUI: localhost/phpmyadmin  
Command Line below :

<http://community.sitepoint.com/t/mysql-command-prompt-on-mac-osx-using-xampp/2380>

7. You won't need to worry about populating the database. The moment you fired up localhost/path\_to\_project, the database automatically run dbAuth.php and populate the database on its own.

**If you get any errors, ensure:**

1. Make sure MySQL and Apache is up and running via XAMPP
2. If you get any error regarding "contact web master about database not being properly set up", then go back to step 2 of the instructions.
3. Email to ksc2650@rit.edu

**Basic Login:**

The login page uses RIT's LDAP to check the dce and the password supplied by the user. If the user is using the database for the first time, their name and DCE email will be fetched from LDAP and inserted into the student table of tigreNoble's database. If the user supplies an incorrect data, they will get an error message. On the other hand, if the user is a returning user, his or her data is fetched directly from the student table instead of LDAP.

**Posting:**

Once logged in, the user will be automatically redirected to an index page with all available books on sale. In order to post, the user needs to click on the button "post a book" in the header and supply the isbn number and all required fields of the book you want to sell. Then press "Post".

**Bidding & Trading:**

In order to bid or trade a book, the user needs to click on the "Bid|Buy" or "Trade" buttons on the index page. Later on, during the phase of development, we will implement the search function where the user can search for book and bid, buy, and trade on that page.

**Name of database:** hstjm\_15160665\_tigreNoble

**SQL FILES** (located in database folder):

- updateTiger.sql: this file has the tables and their respectively data.
- storedProcedure.sql: this file has the stored procedures.