1. Elijah Anderson 00957593
2. https://github.com/eanderson1112/CPSC445Capstone.git
3. ims.elijahanderson.info

4. Deliverable Files
    4.1. add_item.php – This file displays the interface where administrative users will have the ability to add new items to our database.
    4.2. admin-log.php – This file is specific to the administrative user. This log file shows admins check-in and check-outs for all users.
    4.3. check_in.php – This file is for users to be able to enter a product ID to log into the system that an item has been returned.
    4.4. check_out.php – This file is intended for users to be able to check out a specific product or piece of equipment that they intend to utilize.
    4.5. composer.json – This JSON file is intended to call any needed plugins or files that might be needed by other aspects of the site.
    4.6. database_connection.php – This file is designed to be the bridge between the MySQL database and the front-end web application. It contains all the connection properties such as passwords and database names.
    4.7. database_creation.sql – This file is intended for the initial setup of the database. It is what configures all tables and their subsequent values. No data is inserted at this point, and thus only needed for setup.
    4.8. display_inventory.php – This file is utilized to perform all the MySQL calls to properly display the existing inventory table to a user. However, this file does not perform the final displaying of content, which is done in a separate file.
    4.9. display_log_admin.php – Similar to the display_inventory.php file, this file performs all the calls to the table of logs for the user. The only thing that sets this file apart is the fact that this file does a call on the entire "Log" table.
    4.10.   display_log_standard.php – Similar to the display_inventory.php file, this file performs all the calls to the table of logs for the user. However, what makes this file different is the fact that it will only show logs pertaining to the standard user.
    4.11.   images (folder) – This folder contains images that are used by the site, and those images are referenced within all the other pages in this directory.
    4.12.   index.php – This file is the main landing page of the site. It is what contains the login screen for the site and performs all the validation for the user. It is also the file that defines session variables and sets them for all other pages.
    4.13.   inventory.php – This file is what displays the existing inventory to the user. They can view the product ID, name, and current quantity.
    4.14.   logout.php – This file contains all the necessary lines to ensure that existing sessions are terminated. Once a user accesses this file, all session variables are "destroyed", and the existing session is aborted.

4.15.　　navigation.php – This is the navigation menu for the site. The reason it is in a separate file is due in part to the challenge of trying to enable reactive web design. In doing my nav menu this way, I can adapt the view based on the state of a user's authentication level. In addition, it made more sense to do it like this than retyping a whole section of code.

4.16.　　README.md – this file was one that was generated by GitHub. It is intended to give a brief description of the repository as well as contain the original project proposal.

4.17.　　remove_item.php – The purpose of this file is to give administrative users the ability to remove items that are no longer needed. They can simply select one certain amount of an item, or they can remove all occurrences of the item.

4.18.　　script.js – This file is intended for any of the needs of JavaScript and plays no direct role in the function of the application. It is more of a support file.

4.19.　　SECURITY.md – The existence of this file comes from GitHub and was automatically generated as a way to notify potential users of the security impacts this project could possibly have.

4.20.　　signup.php – This is the part of the site where users can create their accounts. They can define their first name, last name, email, phone, username, and assign themselves a password. Once they hit submit, they are then inserted into the Users table within the database.

4.21.　　standard-log.php – This log file displays for standard users every item that a specific user has either checked in or out. Unlike the administrative user, they have a little less viewing capability, however, that is by design.

4.22.　　style.css – This is the typical CSS file that performs all the formatting for the HTML tags and sections. This is what gives certain items certain colors while also laying out the display the way that I, the developer, intended for it.