USER MANUAL

Powerhouse Storage Website

- **Table of Content**
    - Product Use
    - Features
    - Main products
    - Installation
    - How to operate
- **Product name:**
    - POWERHOUSE DATABASE
- **Intended use:**
    - Through the connections of our database to our website, Powerhouse workers will be able to keep track of all items in storage and certain details on each item as opposed to going to one of the three storage rooms and going through files
- **Features/accessories**
    - mySQL
    - popSQL
    - phpMyAdmin
    - HTML
    - CSS
- **Description of the main product elements**
    - **Database**
        - Where the storage items information will be stored
    - **Website**

■ The user will be able to input items, delete items, and checkout items from the database

● **Description of the user interface**

○ Three Buttons on Home Screen

■ Search

■ Add

■ Delete

○ Pages that are link in the menu bar
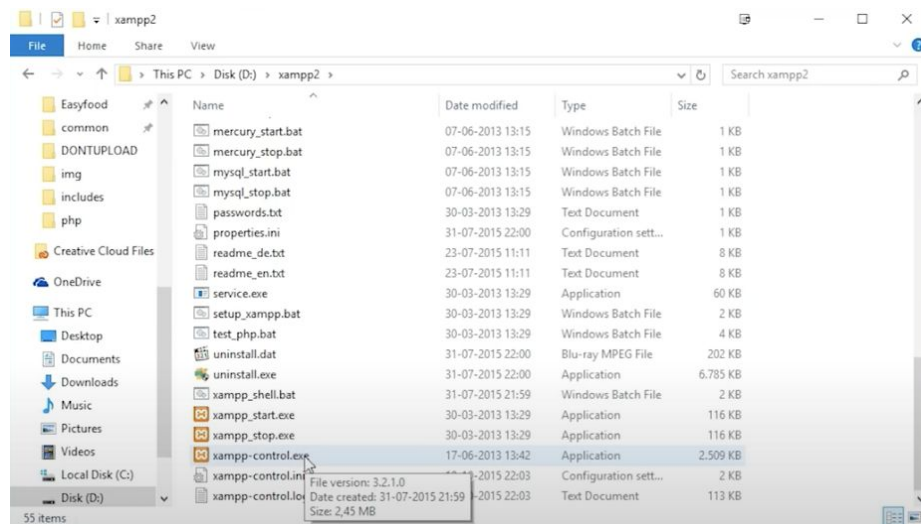
■ Home

■ About

■ Context

■ Login

● **Installation instructions (Bringing MySQL to the Web)**

○ **Windows**

■ Go to https://www.apachefriends.org/index.html and download the latest XAMPP

- Once downloaded and installed, find where on your computer it was installed and find the folder called XAMPP

- Go into the folder and run the program xampp-control.exe and now you will have a window that is used to run the server

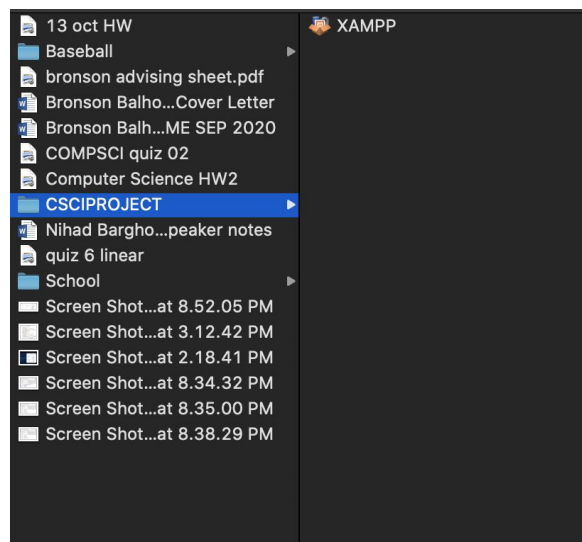- In order to get the server running press Start for both Apache and MySQL

- Open up a browser and type in localhost/phpmyadmin and go to the site. From here you can now see all the databases in the server

- Now in order to get php code running go back into the xampp folder and go into the folder called htdocs

- Create a new folder which will be the root file that contains all the php code

- Now you can use whatever text editor you want to write the code and save it into that new folder just created
- If you want to see the code that has just been saved in your folder go into a browser and type in the URL localhost/(name of your folder) and your code will be there if your Apache and MySQL servers are still running
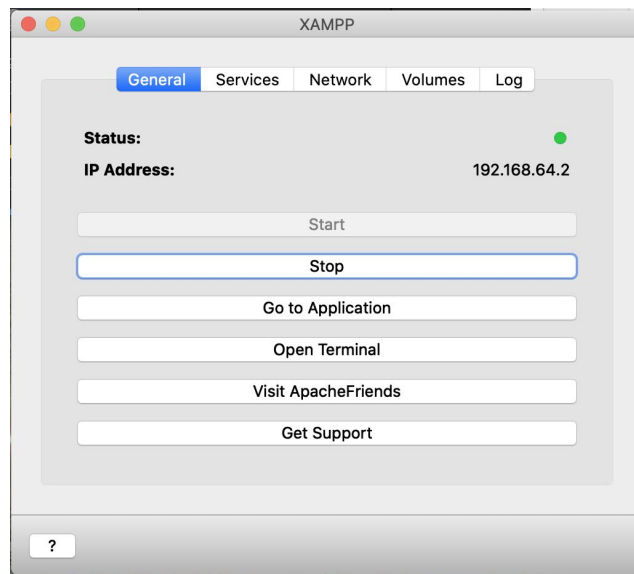
○ **MAC**

- First of all make sure that your mac is up to date with the latest software, as of October 2020 we are running on macOS Catalina (macOS 10.15)
- Go to https://www.apachefriends.org/index.html and download XAMPP and it is important to make sure that you download your XAMPP in a blank folder (this is different from windows)
- From there you can see I made a new folder called CSCIPROJECT before downloading XAMPP into it, now run the program XAMPP
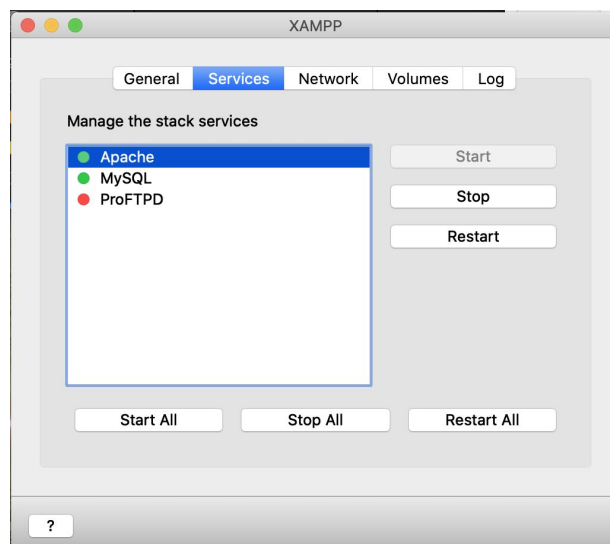

- Your XAMPP will look a little different than Windows and the setup to get the servers running is specific, the first step is to Press Start in the
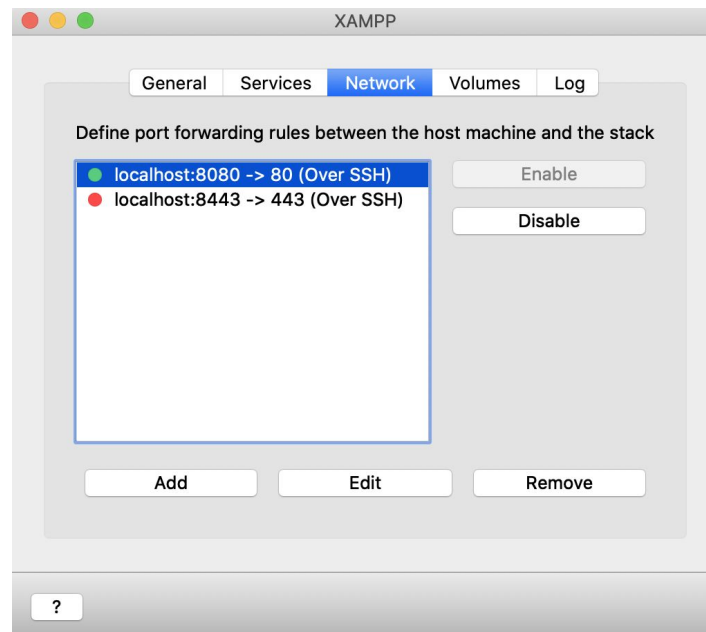
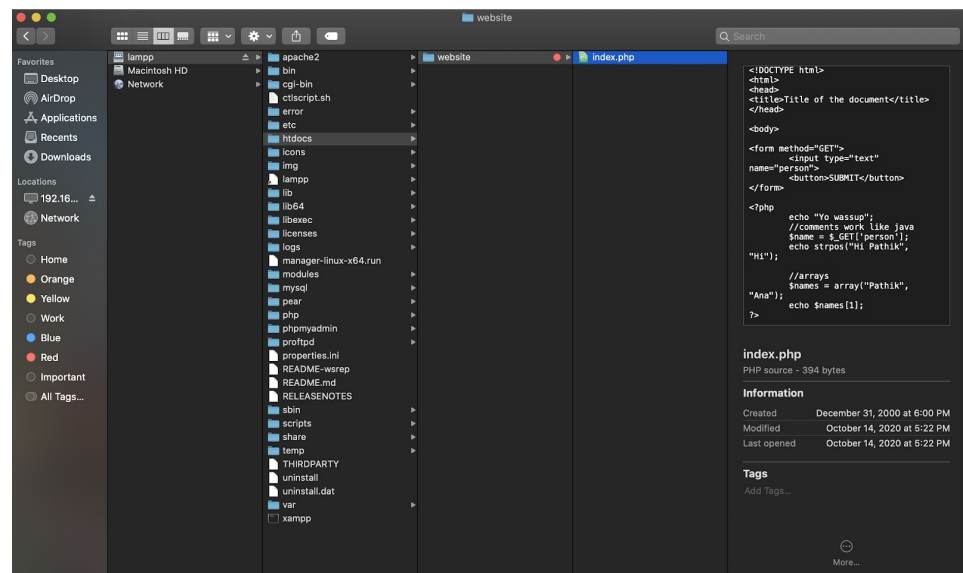general tab of XAMPP (The green dot means is it currently running)

■ Now go into the Services tab and start up Apache and MySQL

■ Our next step is to go to the Network tab in XAMPP and enable your local host and remember the numbers that follow the name localhost

■ Now making sure that you still have the folder that contains the XAMPP program open, go to the Volumes tab in the XAMPP program, press the Mount button, and then the Explore button. This will give you the files and htdocs which lets you put your php code in

- ■ Report back to the Windows manual and continue following the guide from Step 5 and you will be set up
- ● **Description of how to use/operate the product**
  - ○ **Search-** Type what you are trying to find in the search bar, then press the search button to see if item is in storage
  - ○ **Delete-** Removes chosen item from the database
  - ○ **Add-** Will be prompted to input information to item, then press the add button to enter item into the database
  - ○ **Show All-** Once pressed, all of the items stored in the database will be shown in a table on the website
- ● **Contact details**
  - ○ Bronson Balholm - balholmbn@beloit.edu
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