SETUP READ ME

1. A MySQL server will be required to serve the database, the following programs are recommended to achieve this on several operating systems.

   XAMPP (Windows)
   https://www.apachefriends.org/download.html

   MAMP (Mac OS)
   https://www.mamp.info/en/downloads/

   MySQL (Linux)
   `sudo apt install mysql-server -y`

2. Create the system database by running the '**Database.sql**' file.

3. As the application is built to run within a Node.JS environment, Node.JS is required and can be downloaded for several operations listed below.

   Node.JS (Windows / Mac OS)
   https://nodejs.org/en/

   Node.JS (Linux)
   ```
   sudo apt install nodejs
   sudo apt install npm
   ```

4. Once Node.JS has been installed, place the web application source files in your desired host directory. Open the `/app.js` and '**/core/database.js**' files and edit the database constants to meet the configuration for your MySQL database.

5. (Optional) The following step is optional as all required node modules have been included alongside the source code. Open a terminal window within the host directory folder and run the following command to install required modules.
   ```
   npm install argon2 connect-flash ejs express
   express-ejs-layouts express-mysql-session
   express-session mysql passport passport-local
   ```

6. Open a terminal window within the host directory folder and run the following command to start the web server on port **3000**.
   ```
   npm start
   ```