T\_06 Capstone Instructions

In order to run Our T\_06 Ulysses Project, please follow these enclosed instructions.

If BlackBoard allowed the upload of the project files, please unzip the files within a file directory of your choice. If BlackBoard **did not** allow the file upload (often a result of files being too large despite being compressed) then please download the project from the following URL:

<https://github.com/morgan-gill/T06_Final_Implementation>

Several Pieces of software will be required in order to run this project: You’ll need “Microsoft Visual Studio 2017,” the latest version of PHP, “Laravel (for PHP),” “Composer (for PHP),” several node JS modules (to be handles later), and several external drivers supporting MySQL for “Microsoft Visual Studio 2017.”

If you do not have the latest version of PHP, please follow this URL: <https://www.apachefriends.org/index.html> (It might be for XAMPP, but XAMPP includes the latest version of PHP while also including useful and important server tools)

If you do not have Laravel for PHP installed on your machine, please follow this URL in order to do so: <https://laravel.com/docs/5.8/installation>

If you do not have Node JS installed on your machine, please follow this URL in order to do so: <https://nodejs.org/en/>

If you do not have the V8 engine installed on your machine (required for Node JS to run), please open up command prompt or a command line interface **as an administrator** and type the following command: “ git clone <https://github.com/v8/v8.git> ”

If you do not have Composer installed on your machine, please follow this URL: <https://getcomposer.org/download/>

Follow these URLs in order to acquire the requisite MySQL database drivers for “Microsoft Visual Studio 2017.” Please use the MSI installers and select the “Complete” option during every installation: <https://dev.mysql.com/downloads/windows/visualstudio/> <https://dev.mysql.com/downloads/connector/net/> <https://dev.mysql.com/downloads/connector/odbc/>

- Add the “.env” file from the compressed file directory into the “ithd-web” directory. (This is necessary due to requirements on GitHub)

- Open up a command prompt or command line interface **as an administrator.**

- Navigate to the “ithd-web” directory.

- Type in the command line “npm install”

- Type in the command line “composer install” or “php composer.phar install”

- Type in the command line “php artisan migrate” (this process can be lengthily, please be patient)

- Type in the command line “php artisan serve” (The server should be up and running at this point)

- Open your preferred web browser and type “127.0.0.1:8000” From here you an interact with the web application for ITHD. The database should be established and running as well.

- Through your file system, navigate to the “ithd-desktop” file directory.

- Right click on the “mt” file and scroll down to the “open with” option. Then select “Microsoft Visual Studio 2017.”

- Once “Microsoft Visual Studio 2017” has successfully finished loading, click the “Start” button. (It is signified with a green arrow located along the top of the window) From here you an interact with the web application for ITHD.

- Enjoy!

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