

## **Assignment 2: Laravel Journal**

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Started 16 days before Laravel Deadline

### **Nov. 16, 2018(Friday)**

[Evening]

-I just finished our Sprint 1 Agile project, now to start with Laravel.

-I'm getting very nervous, I don't know how to or where to start.

I'm so sad right now, I still have 2 other assignments to attend to (C#,Java), I have to finish atleast CRUD for this weekend, maybe get atleast half mark from it.

- Plotted schedule for 3 weeks left in school.

Goals: CRUD for this weekend, C# and java within the week, and then php laravel import/export on the next weekend.

-Decided to start tmorrow just to have a fresh mind in tackling the task.

### **Nov. 17, 2018(Saturday)**

AM:

- Checked Laravel website on how to use it.

- Read the documentation, didn't made sense to me so I searched for a youtube video on how to download it.

- Now started to download the composer

- Checked my Php connection for version

- Cannot connect to php, googled for troubleshooting

- Checked paths for my command line to be able to detect my php. Added my php path.

- Now I'm able to check my php version. Ran my composer for installation.

- Checked the document for how to get the laravel.

It said to place the path to where to create the project with laravel and use "laravel new projectName"

- I have created the project folder what now?

- Read the laravel documentation on how to start.

- hmmm, checked the youtube on how to start.

- Followed traversymedia example

<https://www.youtube.com/watch?v=EU7PRmCpx-0&list=PLlIGF-RfqbyYhQsN5WMXy6VsDMKGadrJ->

PM:

- Transferred all my php pages from assignment1 to assignment2 folder
- Placed yield, changed the pages to blades and added section to each page by following the youtube video.
- Created controller.
- Now for the route, figuring out how to connect them based from the youtube video.  
Route::get('/', 'PostController@index');
- Tested index route, it worked!! Now for the other pages...
- Made institution model.
- Created database columns.
- Test if I'm really connected. Created dummy from db. Read data from the database. Tested.
- Imported energy.csv to phpmyadmin.
- Tried to start in making view all function. Followed using \$institution = Institution::all() and return view()->with('institution', \$institutions). The return seems similar to our assignment1 function.
- Connected to the index page where my table of institutions are situated.
- It worked. Cleaned code.
- Tried creating the add/ insert to database. It's called store function in laravel resource. Followed <https://laravel-news.com/your-first-laravel-application>  
<https://selftaughtcoders.com/from-idea-to-launch/lesson-17/laravel-5-mvc-application-in-10-minutes/>
- Made delete function work based traversy media youtube video.

**Nov. 18, 2018**(Sunday)

- Watched Maziar's lecture on MVC. The folders in the laravel project made sense a bit.

DevMarketer

Templates, layouts and partials

>[https://www.youtube.com/watch?v=\\_F7pciOgSZ0&fbclid=IwAR1bczXCHh0oK0e26QnlbleR6B4fSGE1SQW-dqhoj8hkjqjEM69Ruut5onk](https://www.youtube.com/watch?v=_F7pciOgSZ0&fbclid=IwAR1bczXCHh0oK0e26QnlbleR6B4fSGE1SQW-dqhoj8hkjqjEM69Ruut5onk)

- Searched about templating engine of laravel (blade)
- Search about patch request

Personal notes on learning:

>If you can't understand the documentations search for a simpler example

- >Finally if you can't find the answer check youtube samples.
- >make sure get/post method for the form is the same with your route
- Made edit function work based traversy media youtube video and stackoverflow.
- Made update function work based traversy media youtube video and stackoverflow.
- Made Search function based form this youtube video  
<https://www.youtube.com/watch?v=RJqHwsr3Jhs>

Notes:

8080, 4433,localhost8000

9 days left before Laravel Deadline

**Nov. 23, 2018**(Friday)

[Evening]

- I did c# last thursday just finished Java this afternoon so they're good for submission now,
- I should be able to continue the import/export tomorrow.

**Nov. 24, 2018**(Saturday)[8 days left]

Am:

- I kinda forgot how to use laravel, need to read the documentation again to have a better grasp on it.
- I noticed that I kinda have a bad memory. I understand it at that moment but then I forget abt it.(3hrs)
- Searched on how to retain learnings and study well.
- Learned a lot of techniques on better studying. Especially repititions, I will use this technique from now on.
- We were taught how to create a login and register in laravel in our lab, I should implement that.

Pm

- Created new project and tried to connect to the online server
- Cannot access from laravel towards the cpanel error.
- Searched the error, spent almost an hour.
- Oh I have to create a user to be added to the database.
- Still cannot access. It says the ip \*\*\*\*\*... does not have access.
- Searched the error.

- Searched my current Ip address. Added to RemoteMysql.
- Was able to login to database.

**Nov. 25, 2018**(Sunday)[7 days left]

Am:

- Read and researched the laravel database.
- Tried to connect to the database for import.
- Researched how to do laravel import.

<https://www.youtube.com/watch?v=STJV2hTO1Zs>

- It's working now but it gives an saying 60 secs server disconnection.
- Researched eloquent import error. Found a blog that it's better to use mysqli for imports they say it's quicker.

Researched which is better eloquent or mysqli.

- Watched Maziar's video on connecting to the database.

**Nov. 26, 2018** (Monday)[6 days left]

Am:

- Asked Maziar about eloquent's inability to transfer large files. He said if I'm going to use mysqli it would be easy as well.
- Tested with mysqli connection.
- After an hour of search and testing it worked.

**Nov. 27, 2018** (Tuesday)[5 days left]

Am:

- Helped a friend for 1 ½ hrs to connect to the server as well.
- Tested to upload to gblearn. Used Cpanel file transfer.
- Zipped files, and unzipped after transfer. Installed laravel from the terminal. It's not working.
- Php server version is under, changed it to 7.2. Uninstalled laravel, cleared cache, installed it again

`php artisan config:clear`

`php artisan config:cache`

**Nov. 28,2018** (Wednesday)[4 days left]

Am:

- On the server I can't connect to the other pages.
  - Checked routing. Missing route blades for the pages and finalizing routes for server url passing.
  - Tested. It worked.
  - Task: Finish my export function
- ```
return response()->download($temp_file, 'energy_export.csv');
```
- Tested. It didn't work because of typo. Tested. It worked.

**Nov. 29,2018** (Thursday)[3 days left]

Am:

- Searched for how to get the total number of rows.

**Nov. 30,2018**(Friday)

- Uploaded file to gblearn server
  - My import file is not working. It's rewriting on the whole database.
  - thought the export was the one not working added "\\n"
  - checked files in export and import, my import doesn't read the export file.
  - my export function uses '\\r\\n'. Researched about '\\r\\n' it says it only reads '\\n' for unix
- <https://stackoverflow.com/questions/50757364/mysql-load-data-local-infile-does-nothing-when-first-line-is-enclosed-by>
- <http://php.net/manual/en/function.fputcsv.php>
- I can't get to the about page because it needs you to login. Find make::auth exemption.
  - after 1 1/2 hrs I found the solution from:
- <https://laravel.com/docs/5.7/authentication#stateless-http-basic-authentication>
- <https://stackoverflow.com/questions/42991737/laravel-how-to-not-require-login-after-makeauth>
- <https://laracasts.com/discuss/channels/laravel/allow-guests-to-access-only-one-function-from-a-controller?page=0>

**Dec. 1, 2018** Saturday

Researched about:

- with() is a helper function that just returns the object.
- <https://stackoverflow.com/questions/44636142/php-with-keyword-what-does-with-do>

<https://laravel.com/docs/5.7/helpers#method-with>

-`redirect()-> action('Controller')-> with();`

<https://laravel.com/docs/5.7/redirects>

-`compact()`

<https://stackoverflow.com/questions/44963889/with-vs-compact-in-laravel>

<http://php.net/manual/en/function.compact.php>

-Cleaned pages form codes.

-Added try-catch in import to avoid crashing from user file import.

<https://stackoverflow.com/questions/33444029/error-handling-with-try-and-catch-in-laravel>

-Researched check for file type

-Tested. Not working, tried to debug.

-Researched mimes to include excel file for import

<https://stackoverflow.com/questions/3318288/php-xls-xlsx-ppt-pptx-headers>

-Researched how to throw php errors

<http://php.net/manual/en/language.exceptions.php>

-Realized how to get total rows for the search.

- Implemented it in php search.

-It worked in local. Tested on Server. It didn't work.

-Placed isset for \$details.