Occurrences Calculator

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Project name: Occurrences Calculator

Framework : PHP Laravel

Part 1

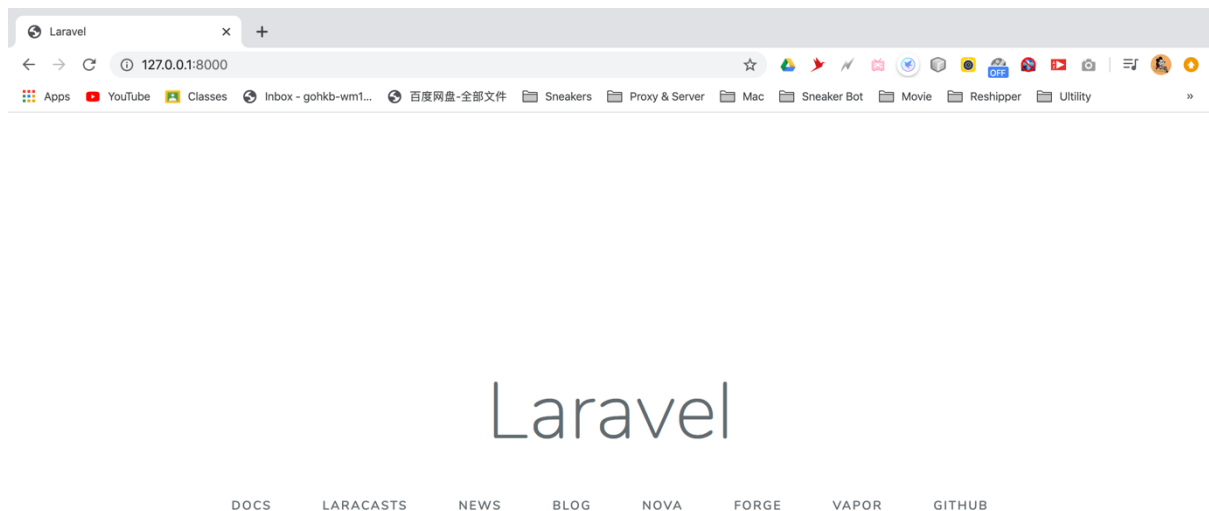
Figure 1.1

This is the Welcome page of the Laravel.

Brief Description:

When I want to install the Laravel Framework into my laptop. I browse the official website of Laravel Framework, there has complete instruction on how to install the Laravel Framework. First I need to copy the command provided on website and paste it into my laptop terminal which is using the command line. Step by step install the composer, vavet, php , mysql and finally laravel. After all the Package is installed. And when I open the url provided, Figure 1.1 will be displayed.

Laptop Information :

Laptop Brand : Apple

Laptop Model : MacBook Pro (Retina, 13-inch, Early 2015)

Operating System Type & Version : macOS Catalina Version 10.15

Part 2

Figure 2.1 Home Page

This is the Home Page of the Cooccurrences Calculator.

Figure 2.2 Validation Page

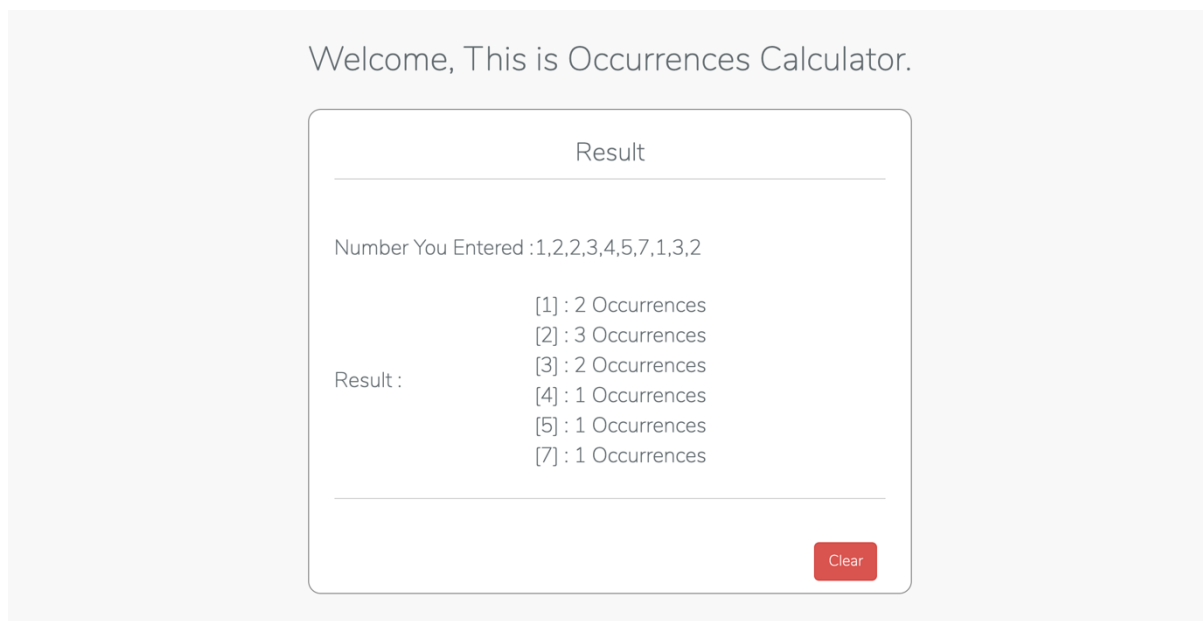This is the Validation Page for the Calculator, So that empty data won't be entered into it.

Figure 2.3 Result Page

This is The Result of the Occurrences Calculator which the data is enter by the user .

Brief Description:

First of All, I created a blank page for the homepage. And design the layout of the homepage. All the design is Control by the CSS which is set by me. Other than that, because of I never learn laravel, I search and learn from the website about the function of laravel such as Controller, Route, View. For example, footer is separate view so that it can implement to both homepage and result page, so that we only need to edit the footer's view once to change in all page.

Then, Figure 2.2 is Validation. Validation is important to a website so that empty data won't be entered into the web application. I've learn how to use the validation function provided by the Laravel. For example, I need to use the form post and the route to post the data into the controller so that, the value will be validate and the validated data will post back to the page. If there is any error, error message will be displayed. During the implementation of Validation function, I faced a lot of problem, such as data cannot be post, error message cannot be showed and etc… I have no choice but search around the forum and tutorial to solve it one by one. Finally it is worked.

Finally, Figure 2.3 is Result Page. Result Page is the Page that have the most number of problem and spent the most time on doing on this page. For example, the data cannot be posted to controller , cannot be stored into variable, result cannot be showed . And also learn how to calculate the Comma Separated Value by using php function such as explode and array_count_value to calculate the data and store into variable and display it.