Date	Description of Test	Passed (Y/N)	GitHub Issue Nbr
	Calculator Buttons & Functionality		
9/20/2020	Testing number display when pressing number pad	Y	
9/20/2020	Displaying operations	Y	
9/20/2020	Clearing input when pressing the "C" button	Y	
9/23/2020	Adding two values	Y	
9/23/2020	Subtracting two values	Y	
9/23/2020	Dividing two values	Y	
9/23/2020	Multiplying two values	Y	
9/23/2020	Power of two values	Y	
9/23/2020	Creating algebraic equations	Y	
	Tesint Calculator Security		
9/23/2020	Using keyboard "Enter" to received result	N	#1
9/23/2020	Entering values and operations manually on screen	Y	
9/23/2020	Operation first and then values (Sum, Subtract)	Y	
9/23/2020	Operation first and then values (Multiply, Divide, Power)	N	#2
9/23/2020	Only clicking equals button	N	#3
9/23/2020	Operations only test	N	#4
9/23/2020	Division by zero tests	Y	
9/23/2020	Typing letters on the input field test	N	#5
9/23/2020	Creating a textarea on the inputfield	Y	
9/23/2020	Only clicking equals button		
9/23/2020	Spamming numbers on the input field	Y	
9/23/2020	Double negative sign on value	N	#6
9/23/2020	Adding an extremely large number	Y	
9/23/2020	Entering a period in between values	Y	
9/23/2020	Diving zero with zero	Y	
9/23/2020	Spamming similar operations	N	#7
9/23/2020	Attempting an HTML/PHP Injection on the input field	N	#8
9/23/2020	Image linking on input field	N	#9
9/23/2020	Diving a result with a multiplier before it	N	#10
9/23/2020	Removing HTML classes	Y	
9/23/2020	Disabling JavaScript on debugger	Y	
9/23/2020	Removing C buttons ID and class	Y	#11
9/25/2020	Mobile resizing issues	N	#12
	API and Security Tests		
10/26/2020	Can't connect Swagger API to Calculator page	Y	
10/26/2020	404 error message on Swagger	Y	
10/26/2020	Can only see GET method	Y	
10/27/2020	Issues attempting to save POST result	N	#18
10/27/2020	POST displays as an array	N	#19
10/27/2020	Issues with oAuth security URL redirect	Y	
10/27/2020	Need security tests for oAuth and OpenAPI	Y	
10/27/2020	Cant receive PUT, DELETE and HEAD requests	N	#22

11/9/2020	GET Multiplication symbol retrieves result	Y	
11/9/2020	GET plus symbol retrieves result	N	#23
11/9/2020	GET minus symbol retrieves result	Y	
11/9/2020	GET division symbol retrieves result	Y	
11/9/2020	GET power symbol retrieves result	Y	

Docker Installation

11/9/2020	Setting up Docker Firewall	Y	
11/9/2020	Published docker html page to port 8080	Y	

Cloud Functions

11/11/2020	Add function	Y	
11/11/2020	Divide function	Y	
11/11/2020	Multiply function	Y	
11/11/2020	Power function	Y	
11/11/2020	Subtract function	Y	

Laravel Installation & Tests

11/11/2020	Firewall allowed on port 8000	Y	
11/14/2020	Laravel home page displayed on port 8000 and /home	Y	

Notes

All numbers from 0 - 9 display on the input field

All operations display on the input field

All input deletes when pressing "C"

Took two values and summed them using +

Received desired result

Received desired result

Received desired result

Received desired result

Can get results of more than one operation and value

Summed values using keyboard, no results.

Typed numbers, used calculators =, got result

The calculator reads the add and subtract as value signs.

Operations return error message on console log.

Only clicking "equals" returns "undefined" on screen.

Only clicking operations and then clicking equals shows error.

Dividing a value by zero displays "infinity" on the screen.

Typing letters on the input field shows an error on the console log.

When submitting a textarea on the inputfield, no textarea appears. May need to run more tests.

No errors appeared. Just remained waiting for operations.

Attempting to add a double negative sign before a value returns an error.

The large value returned a very large result. May need to run more tests.

Entering a period in between numbers and calculating them with an operation works fine.

Result returns NaN

Receive error on console log.

Error message appeared, need to try more tests.

Error on console log showing unexpected characters.

Error on console log showing unexpected characters.

Removed HTML classes important to JS file and had not any errors appear on the console log.

Buttons were disabled, no functionality occurred but no errors either.

Cleared C buttons identifiers, still worked. Need to see what it is.

Issues resizing calculator to mobile size

Wasn't able to see requests. Fixed paths.

Parameter issues and also worked on the logic in root folder

Tried storing POST request in a variable. No cookies involved yet.

Had not created cookies yet.

oAuth now verifies authentication for requests.

Can see all security measurments working properly though more tests are needed

Unsure what the output should be like. No parameters are being used.

404 Bad request. Must convert symbol to numerical operation

Allowed traffic to port 8080
Index page displayed on port 8080

Sends the correct result with a (200 response), bad requests receive 400 error code.
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Allowed traffic to port 8000 on google platform.
Fixed minor misspellings to get it to work.