

PORT FOLIO

2024



ATVCFEPK - SENTSECPRO

CORPORATE-VULNERABILITY-MANAGEMENT-SYSTEM

What?

- The corporate powerlessness **database framework** oversees the company's past vulnerabilities and assaults, which can as it were be gotten to by authorized work force, and gives point by point data (portrayal, alter history, references to arrangements and apparatuses, known influenced computer program arrangement, and shortcoming identification) approximately these dangers which can be gotten through the **CVE number**, whereas points of interest approximately unused freely discharged assaults can too be found.

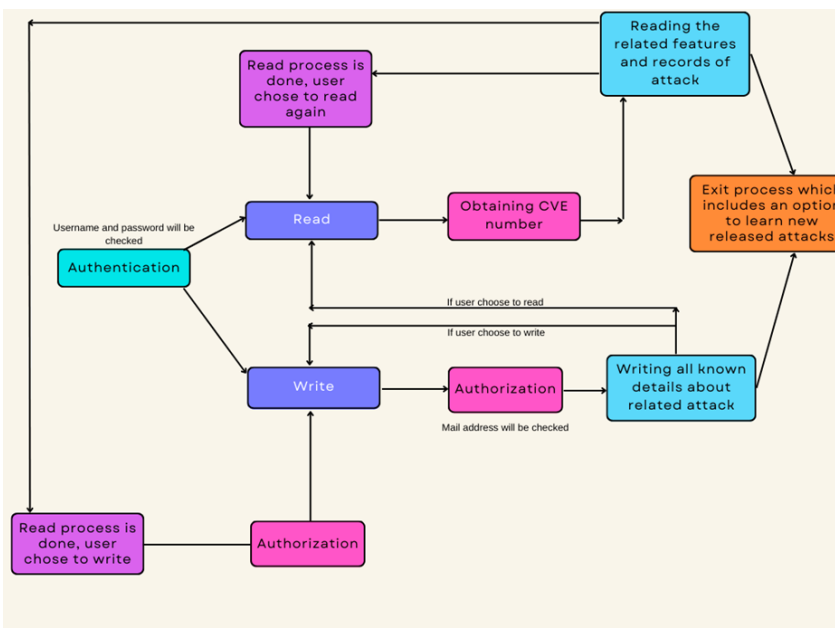
```
Please, enter username and password: selin
admin123
Please, enter username and password: melek
dictAttackIsPerfect
Please, enter username and password: Nurdan/Sar
Kmshd56==

Please enter the preference (read/write/exit):
```

```
Please, enter username and password: Selin
admin123
Please, enter username and password: Melek
password123
Please, enter username and password: Sena
mypassword

...Program finished with exit code 0
Press ENTER to exit console.█
```

How?



- Pseudocode includes getting a **secret word** and **username** from the client for **verification**, inquiring until three endeavors are made, leaving in case still no coordinate, and getting the user's inclination (read/write). In case the inclination is Perusing from the **database**, the CVE Number is gotten, perused related information, inquire the client to type in, exit, or studied once more, and in case the client chooses to exit, **coordinate** the user-related site to **memorize** more approximately the recently discharged assault.

Results

- The Corporate Vulnerability Database System serves its reason of giving **authorized staff** with **nitty gritty data** almost past vulnerabilities and assaults, as well as the alternative to examined approximately **modern** freely discharged assaults. It does not offer any component for recuperating overlooked login accreditations, and does not have any instrument for following or overseeing client action.
- In general, the framework serves its reason of giving authorized staff with **point by point data** almost past vulnerabilities and assaults, as well as advertising the choice to examined almost modern **freely discharged** assaults. The Corporate Helplessness Database System may be a profitable tool for overseeing and shielding information, but there's room for advancement to improve its usefulness and security.

```
1 CVE-0000-0000
2 Status:...
3 Name:...
4 Recent:...
5 And so on:...
6 This is a demo....
7 =====
8
```

```
CVE-0000-0000
Status:...
Name:...
Recent:...
And so on:...
This is a demo....
=====
```

```
CVE-1907-1907
Status:Hopefully to finals
Known affected configurations:Galatasaray
Known name:
"lefter çıktı sahaya
topu dikti havaya
bunu gören cimbonlar
başladı ağlamaya"
=====
```

```
Please, enter username and password: Serdar/Ars
H*9zXyzm-

Please enter the preference (read/write/exit):
```

```
Please, enter username and password: selin
mypassword
Please, enter username and password: AhmetT/Cos
Nm8*9_-Kl

Please enter the preference (read/write/exit):
```

```
Please enter the preference (read/write/exit): write
Please, enter your Email-Id:
sarslan@cankaya.edu.tr
User with mail address sarslan@cankaya.edu.tr is entering the system
When you are finished typing, please press enter and type done.
Please enter the records of only one at a time with respect to CVE number
CVE-1907-1907
Status:Hopefully to finals
Known affected configurations:Galatasaray
Known name:
"lefter çıktı sahaya
topu dikti havaya
bunu gören cimbonlar
başladı ağlamaya"
Done

This program succesfully stored in the file.
Please enter the preference (read/write/exit): exit

Would you like to be informed about new released attacks?no

You chose to exit, program is terminated.
```

```
Please, enter username and password: Serdar/Ars
FB@1907

Please enter the preference (read/write/exit): exit

Would you like to be informed about new released attacks?no

You chose to exit, program is terminated.

...Program finished with exit code 0
Press ENTER to exit console.
```

```
Please, enter username and password: Serdar/Ars
FB@1907

Please enter the preference (read/write/exit): exit

Would you like to be informed about new released attacks?yes
You chose to read beyond about new released attacks and methods.
Please visit the website via provided URL: https://attack.mitre.org/resources/updates

You chose to exit, program is terminated.

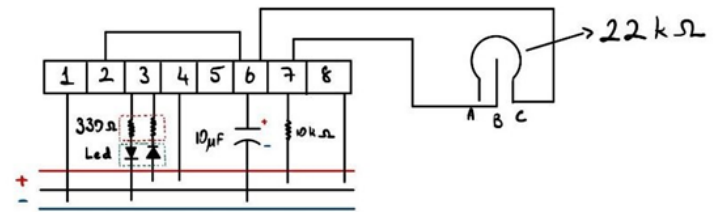
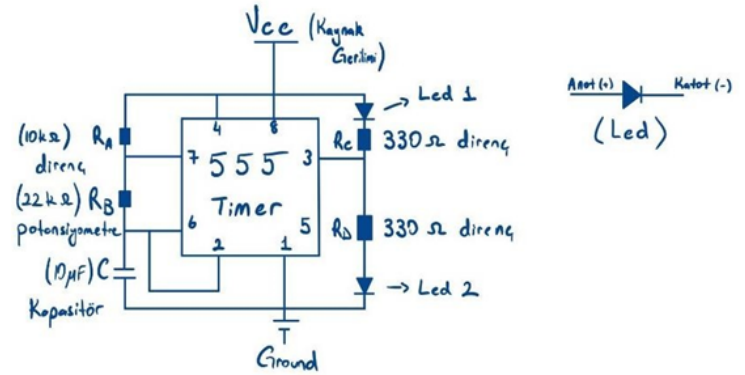
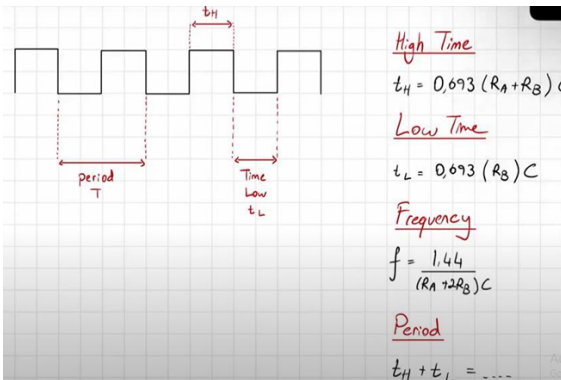
...Program finished with exit code 0
```

BlinkMaster: Exploring NE555 Timer for LED Flasher Circuits



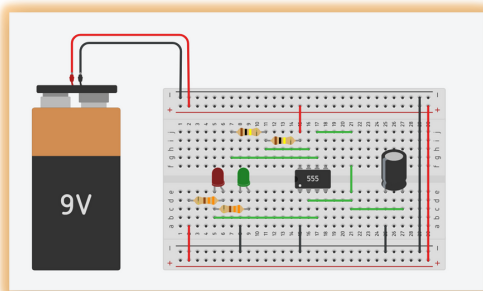
What?

- The general reason of this explore is to analyze the capacities and utilization of the **NE555** timing IC and to look at the plan and usage forms of Driven **flasher** circuits. At the same time, it gives a learning environment in arrange to get it the standards of fundamental electronic circuits and to involvement these standards for all intents and purposes in a research **facility environment**.
- The objective of the explore is to progress the participants' **capacity** to put through circuit components accurately and to create the specified circuits work legitimately utilizing timing equations. This explore is an instructive action that points to extend students' information and capacities in electronic circuit plan and application.



How?

- This extend points to analyze the capabilities and utilization of the NE555 timing IC and look at the plan and **usage forms** of Driven flasher circuits. It gives a learning environment to get it the essential electronic circuit standards and encounter these standards essentially in a research facility setting. The **NE555 IC** is an **coordinates circuit** with a wide extend of applications, and it is utilized to combine an Driven flasher circuit and a DC engine circuit utilizing the **timing capabilities** of the IC. The Driven flasher circuit empowers the LEDs to streak by utilizing the **trigger** and yield legs of the NE555 IC, whereas the DC engine circuit controls the operation of a engine utilizing the yield leg of the NE555 IC. The venture gives an intelligently learning involvement to create students' abilities in electronic circuit plan and execution.



BlinkMaster: Exploring NE555 Timer for LED Flasher Circuits



Results

- The "BlinkMaster: Investigating Led Flasher Circuits with the NE555 Timer" extend pointed to look at the plan and usage forms of Driven flasher circuits by exploring the capabilities and utilization of the NE555 timing IC. The venture points to grow students' information and **abilities** in electronic circuit plan and application by combining Driven flasher circuits and DC engine circuits utilizing the NE555 IC. The timing highlights of the NE555 IC **control the flickering rate** of the LEDs, whereas the engine run time and halt time are **balanced**.
- The venture offers understudies the **opportunity** to grow their information and abilities in hardware, pick up encounter in circuit plan and usage, and get it the utilize of **timing integration**. The comes about gotten within the extend offer assistance understudies to get it the working standards of electronic circuits and to utilize these **standards** in hone.

