

## In Stock Notifier

### 1. Identify the problem:

- Many number of products online have become nearly impossible to obtain or either sold out instantly when restock.

### 2. Set the target:

- Create a way to let people know if a hard to find product is available for purchase and send them a type of notification to the person.

### 3. Analyze the causes:

- Due to the COVID-19 pandemic stock on many products have been extremely low and acquiring them is nearly impossible.
- Scalpers have been using many tools to automatically buy all the stock whenever they are made available, leaving users without any chance to obtain the product.
- Due to the scalper problem the only way to obtain certain product is to pay a big quantity of money sometimes double the price of the product.

### 4. Propose and implement countermeasures:

- Create a system that is constantly searching for said product on online stores to let users know if the product they want is in stock available for purchase.
- By giving the opportunity to people to obtain the product it makes it harder for scalpers to obtain and hoard the products.

#### 5. Check/Evaluate

- This gives people who don't have the time to be searching long hours online for a chance to obtain a product.

#### 6. Act and/or standardize:

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