

Matthew Ottomanelli

Prof. Arias

Software Development 1

To this date, I have worked towards researching my subject and creating a window that asks for user input. The program begins by asking the user how they can be helped. Then the user will proceed to type what sneaker they are looking for and in what size. After typing the sneaker and size, my program will eventually search the Nike website for the specific sneaker, find it in that size, and automatically open a window with the requested sneaker in the user's shoe size in their cart. I have not completed the part of the program that searches the site and add it to the cart yet, however the original questions and prerequisites before the search and add to the cart are completed. I am still continuing my research on the topic and want to have as much information as possible before I begin the design of my program.

As sneakers become an increasingly higher commodity, the rarity of certain sneakers increases. This is because people often sit on the site's homepage refreshing every second until it releases. Without a fast network and quick hands, you can easily miss out on the sneaker you wanted at the release time. My program effectively solves this problem by creating a shortcut to automatically add them to the cart without the legwork.

In my early days of high school, I was obsessed with sneakers. I used to think a nice pair of Jordans would make an entire outfit and make you not only look good but feel more confident. I used to get compliments all the time on my sneakers and it often made my day. However, whenever a new release for a popular, highly anticipated sneaker is announced, people often find the exact release time (usually eight in the morning), set a reminder on their phone, wake up

early the morning they are going to be released and refresh their page until they are officially released for purchase. Then, once they are out, it becomes a mad rush to try to get your sneaker in your size into your cart before they are all taken. For example, Adidas's Yeezy sneaker by Kanye West sold out in twenty-two minutes in the US in every size. And this is not some random occurrence. In 2014, Kanye West, who was with Nike at the time, released a pair of sneakers called the Yeezy 2 in a colorway called "Red October". It was a surprise release, however, these sneakers sold out in only eleven minutes. My program supplies a quick and direct solution to this problem. When getting sneakers online, adding them to the cart automatically hold them for a given time and nobody else can purchase them while they are withheld in your cart. My program takes the exact sneaker the user requests, find it in that size and instantly brings up a window with your sneaker, in your selected size, in your cart ready for purchase. This will result in a more efficient buying/withholding process for getting the sneaker you dream of in minimal time. I would be one of the few people helping to solve this problem since most Nike cart bots are downloaded off the internet from a shady website. And, besides those shady programs, there are no mainstream companies doing the same thing that my program does.

My program effectively would be the only product available for quickly getting the sneaker you want into your cart without the problems or work behind trying to get the sneaker you want on its release day. My program offers efficiency and functionality at a high degree in an untapped market.

| Sneaker |
|--|
| +sneakerSize: double +sneakerName: String +sneakerColor: String |
| User |
| +name: String +sneakerSize: double +money: double |
| MainSystem |
| +main(args: String[]): void +addToCart(): void +openBrowserWindow(): void +searchSneaker(): void +setMoney(): double +setSize(): double |