**Sneaker bot requirements**

* Must be able to acquire and search for URL
* Must be able to enter URL for website
* Must be able to Enter: Size, Color, Name, Email Address, Select quantity, Keywords, Links.
* Must be able to Enter Checkout details: Credit Card Number, Credit Card Type, Security Code, Expiration Date, Max amount of checkouts (too avoid being charged multiple times)
* Must be able to Enter Billing Address: First Name, Last Name, Country, Address, City, State, Postal Code, Phone Number
* Must be able to Enter Shipping Address: First Name, Last Name, Country, Address, City, State, Postal Code, Phone Number (option to make shipping same as billing)
* Must be able to change checkout delay (millisecond)
* Must be able to add/edit Proxies
* Allow email notifications
* Only one checkout per card per site
* Must be able to solve captchas in bot (person must solve captchas)
* Must be able to add, edit, remove, and copy entered information.
* Will support sites like Eastbay, Footaction, Footlocker, etc…

**Seller**

* Provides update to buyer
* Provides unique key to buyer

**Generic User**

* Can create an account.
* Can purchase Bot from site
* will receive unique key after purchase

**Buyer**

* User will click start or can schedule a start for a certain date and time.
* Bot will go to link entered or can search for link using certain keywords.
* Bot will log user in
* Bot will attempt to add item to cart enter all necessary information and complete the checkout process.
* Once checkout has been completed bot will stop, if successful will send email to user. If unsuccessful will notify user.
* User may try start bot again, continue to let bot try to checkout, or stop bot.
* **Necessary programs**
* Python
* Proxies