First, run the "run_server.py" file located in backend folder. Then the server will run on localhost and a particular port. Then run ngrok on that port on which the server is running. You need to download ngrok binary according to your operating system.

This is screenshot when I run ngrok on mac operating system. When I ran run_server.py, it was running on port no 5000. I ran ngrok using "./ngrok http 5000 -- region=eu". Then ngrok generates a url. Use that url in auth0 rule.

```
ngrok by @inconshreveable
                                                                              (Ctrl+C to
                             aditya.thanekar@gmail.com (Plan: Free)
Account
Version
                             2.3.35
Region
                             Europe (eu)
Web Interface
                             http://127.0.0.1:4040
                            http://4a3aafa78c4e.eu.ngrok.io > http://localhost:5000
Forwarding
                             https://4a3aafa78c4e.eu.ngrok.io -> http://localhost:5000
Forwarding
Connections
                             ttl
                                     opn
                                              rt1
                                                     rt5
                                                              p50
                                                                      p90
                              6
                                      0
                                              0.00
                                                     0.00
                                                              0.01
                                                                      0.03
```

Replace the part of url which I marked in red. Change the url in rule "Fetch roles and other information from database" which you can find in rules. Every time you run ngrok, the url is different.

```
Fetch roles and other information from database
```

Some issues with ngrok you might face:

It happened with me. When I ran ngrok on mac while connected to my home wifi, following was the result.

```
        Ngrok by @inconshreveable
        (Ctrl+C to quit)

        Session Status
        reconnecting (Get https://dns.google.com/resolve?cd=true&name=tw

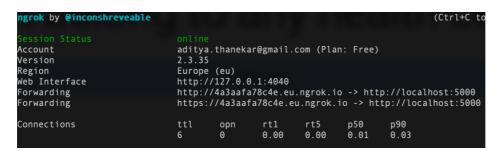
        Version
        2.3.35

        Region
        Europe (eu)

        Web Interface
        http://127.0.0.1:4040

        Connections
        ttl opn rt1 rt5 p50 p90 po 0 0.00 0.00 0.00
```

So when turned on hotspot from my mobile phone and connected my computer to that hotspot, that issue was solved as follows.



Following are the rules which are created. They must be on for the things to work. Also the order of rules is very important. So don't change the order. Change the ngrok url in the rule which I marked in red.

