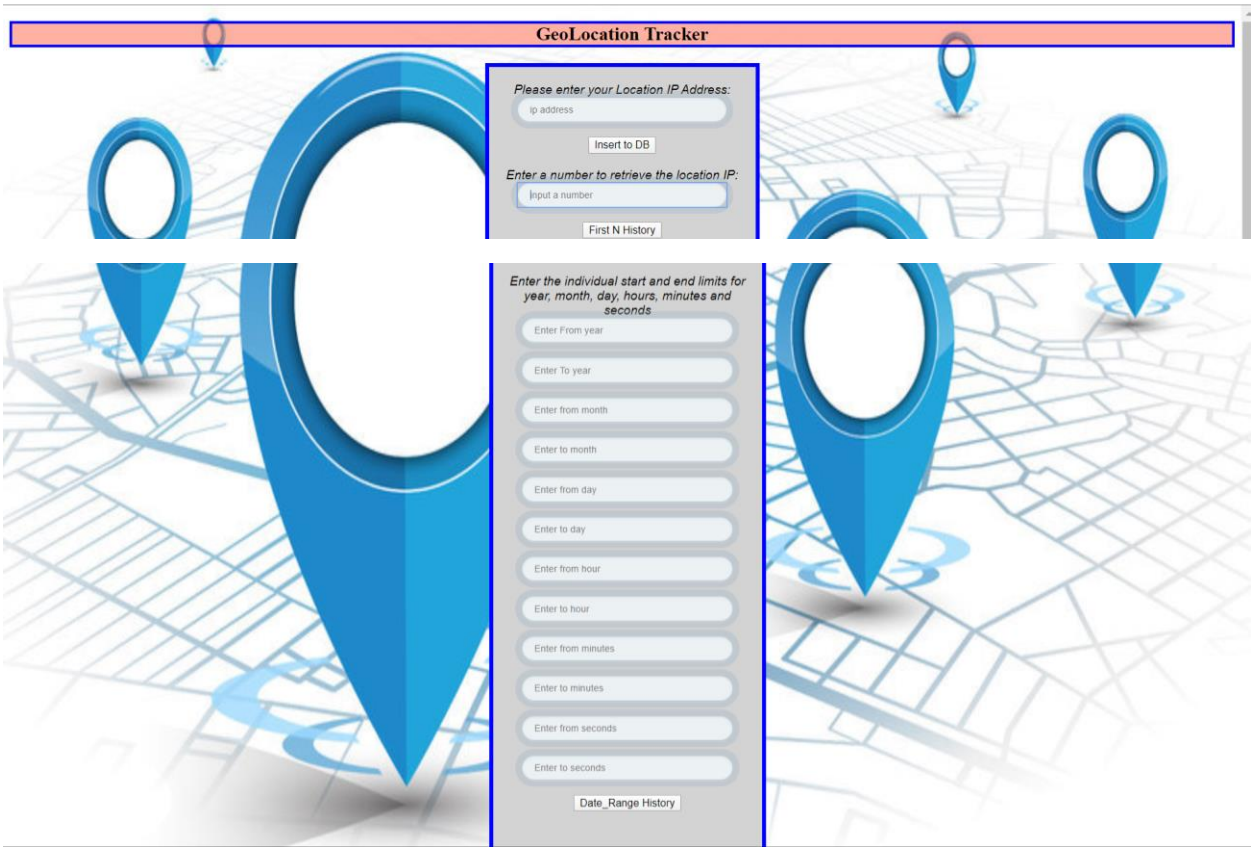
Document for Geo Location Tracker

Initial homepage for the geo location tracker

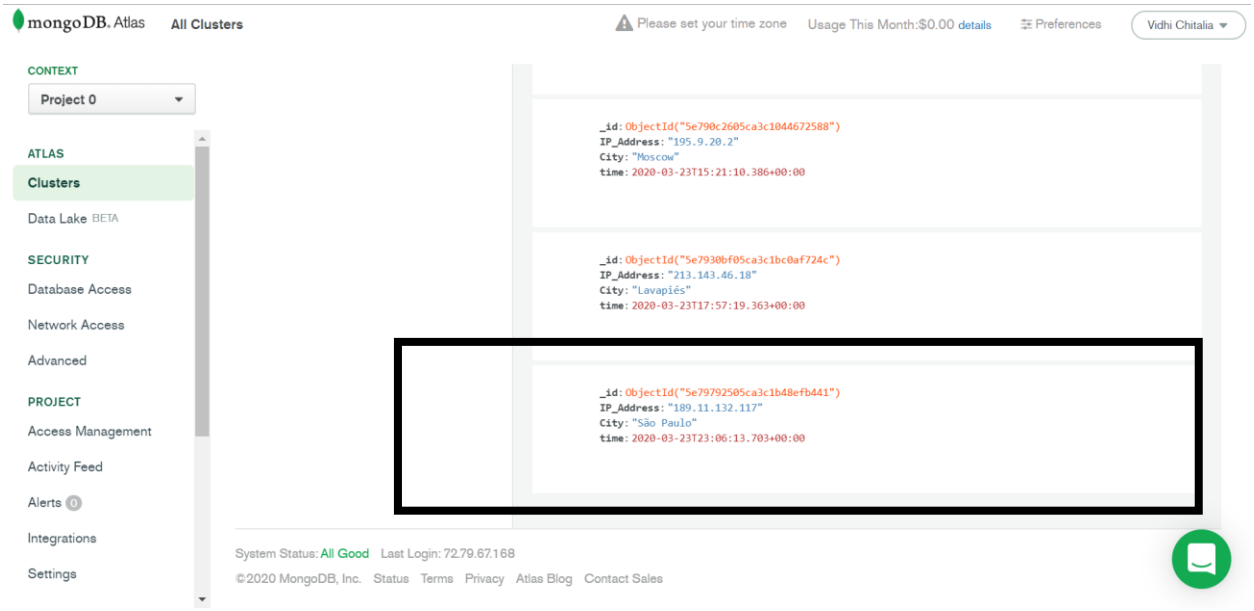


First, we will enter the location ip address of any city(189.11.132.117) and press the button ”Insert to DB”

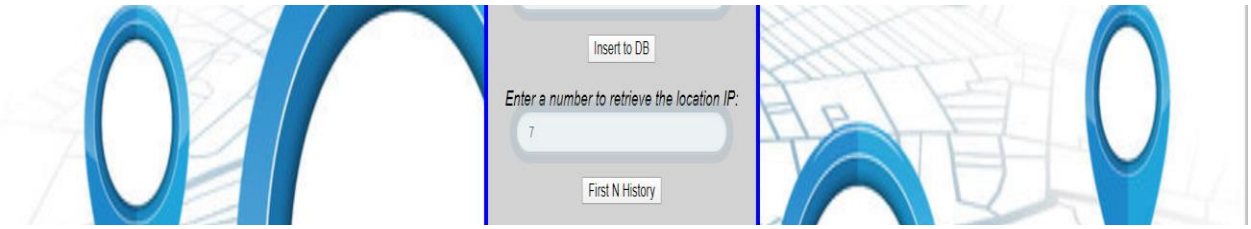
Another webpage is displayed which says that the ip address is being added to the database:

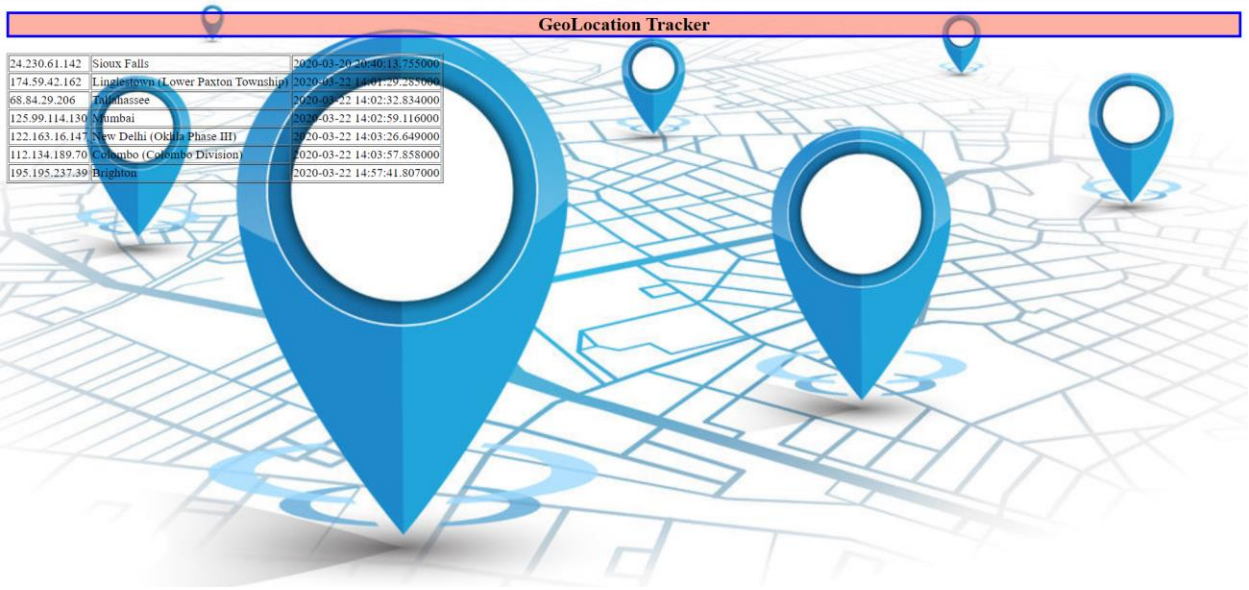
submitted

Let’s have a look at the mongodb now to check whether the new entry has been added to the database or not. The new entry has been added now.



First N location history button is shown to display the last 7 ip address into the database





If we want to specifically trace a particular ip address and its city according to the timestamp then we have to input the start year, end year, start month, end month, start day, end day, start hour, end hour, start minutes, end minutes, start seconds and end seconds. Basically, I am applying a filter based on the actual timestamp the entry has been added into the database.

So, for the current example I have put the following values:

Start year: 2020

End year: 2020

Start month: 03(March)

End Month: 03(March)

Start Day: 20(20th March)

End Day: 22(22nd March)

Start Hour: 20(i.e. 10pm on 20th March)

End Hour: 14(i.e. 2pm on 22nd March)

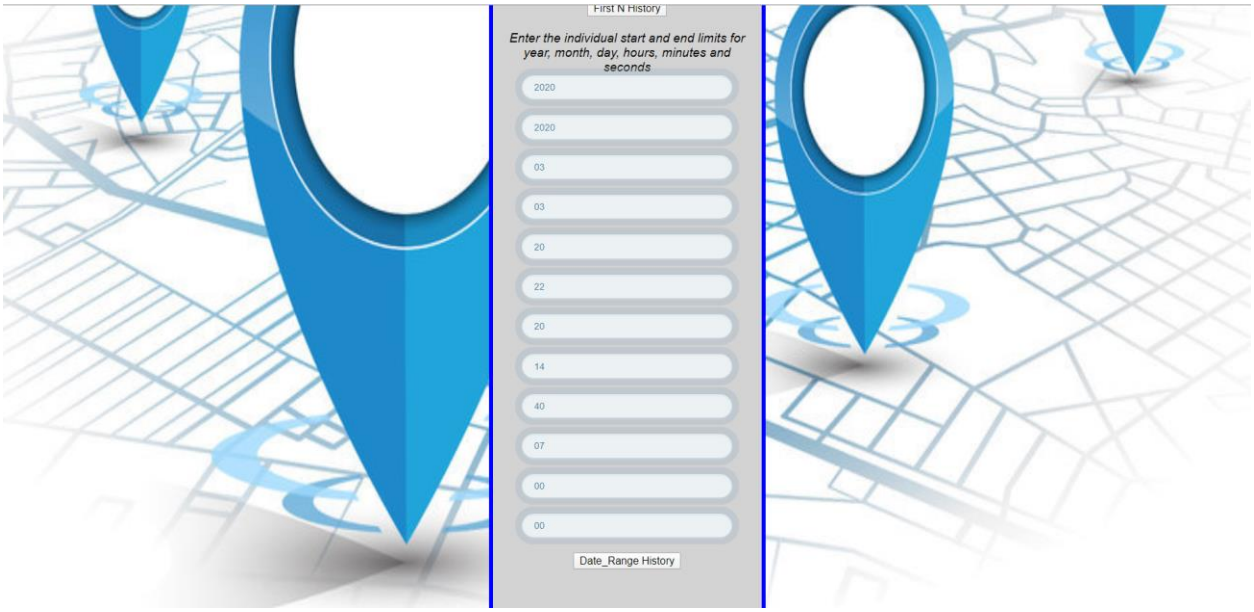
Start Minutes: 40(10:40pm on 20th March)

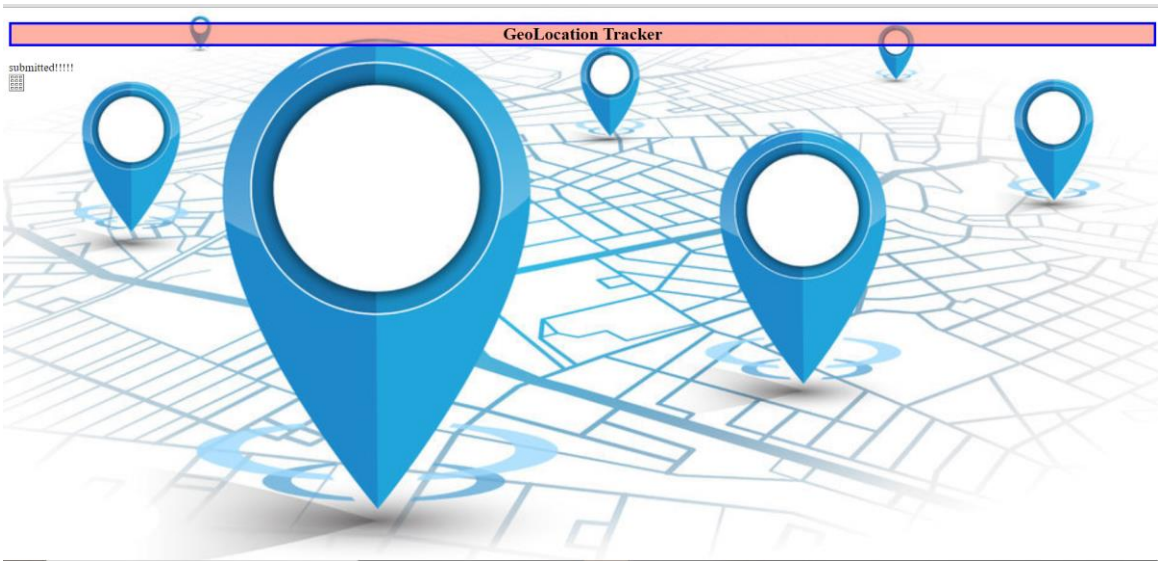
End Minutes: 07(2:07pm on 22nd March)

Start Seconds: 00(i.e. start on 20th March 10:40:00pm)

End Seconds:00(i.e. end on 22nd March 2:07:00pm)

I have given the entire timestamp for the query to be executed and now I will click on the button to get the output screen.





This is the python shell output which matches the critera of

Start Time: 20th March 10:40:00pm and

End time: 22nd March 2:07:00pm

```
{'_id': ObjectId('5e75626d05ca3c5108db74da'), 'IP_Address': '24.230.61.142', 'Ci
ty': 'Sioux Falls', 'time': datetime.datetime(2020, 3, 20, 20, 40, 13, 755000)}
```