University of Information Technology and Sciences (UITS)

Lab Report 3

IT-326 : Client Server Programming Lab

Access Portfolio Profile By Using Ngrok

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1   Abstrac

ngrok is a globally distributed reverse proxy fronting your web services. running in any cloud or private network, or your machine. Ngrok is a cross-platform application that enables developers to expose a local development server to the Internet with minimal effort. The software makes your locally-hosted web server appear to be hosted on a subdomain of ngrok.com, meaning that no public IP or domain name on the local machine is needed.

2   Objective

In this lab report I will learn how to use Ngrok and how does it works and what is the procedure to access to see others any personal portfolio.

3   Working Procedure

1.At first I need to open Xampp and I download Ngrok file from the web site. In Ngrok web-site under "Your Authtoken" I get a toke which I copy from the link.

Authenticate your ngrok agent. You only have to do this once. The Authtoken is saved in the default configuration file.

```
$ ngrok config add-authtoken 2HPie6zbUrB40Nd0ekZ5ILBXd9l_4yRdkv7dMVMap8rSz1HAM
```

Figure 1: Output

2.Now I need to open the Ngrok file from the file and wirte the command on it ,Which is " "ngrok http 80", Now my pc is a local development server which is hosted on a subdomain of ngrok.com.

Figure 2: Output

3.Now in this part I need to access my portfolio from the local server,so I have to open a new tab and I need to copy the forwording address from Ngrok CMD .

Figure 3: Output

5.Now I have to paste the Ngrok forwording address and also the file address where I saved my portfolio file.

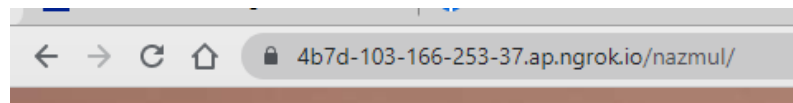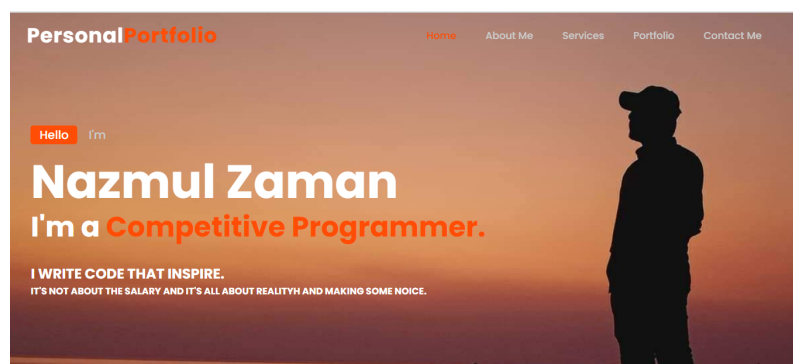
Figure 4: Output

6.My portfolio are visible there:

Figure 5: Output

6.To see who is search my portfolio, In my local pc server I open browser and type "localhost:4040" here I see the result who is searching my portfolio
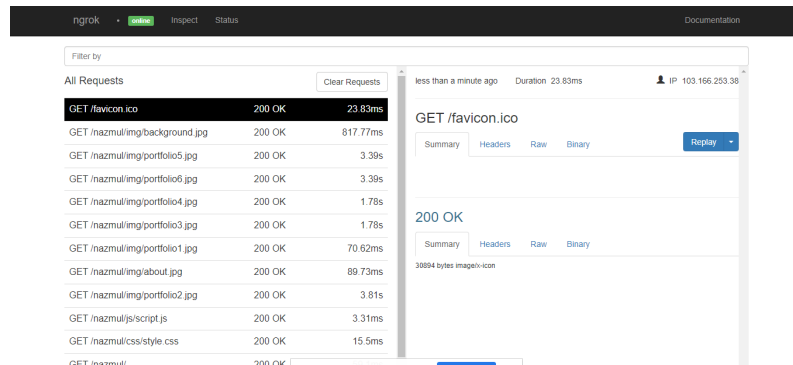
Figure 6: Output

4   Conclusion

From this lab I have learn how to use Ngrok and how to use my pc as local server and access my portfolio by using another device.

5   References