Internship Web Portal

~ by Clean Frame

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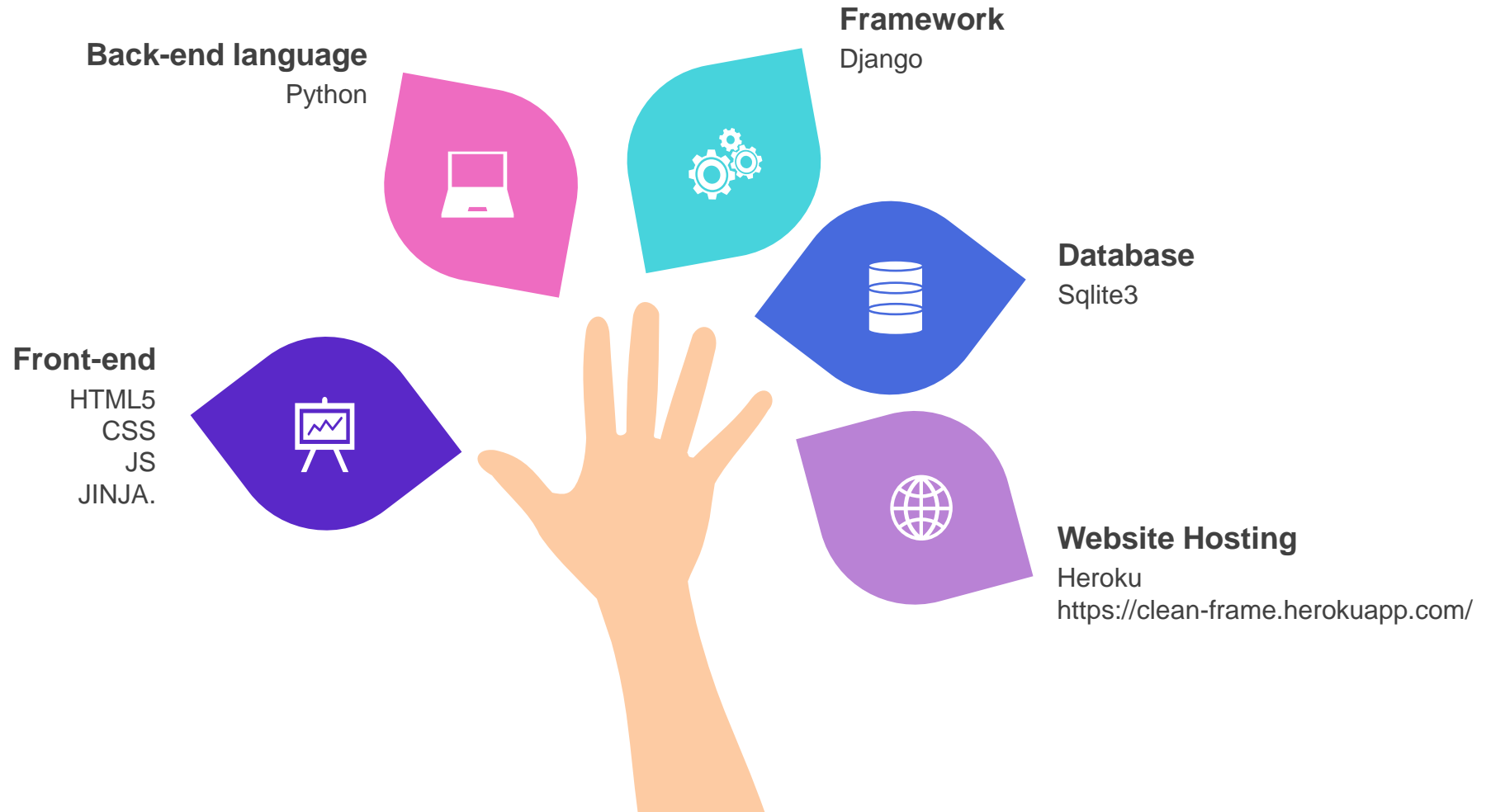
Goals and Motivations

01 Interface Between Students and Companies

- To provide a platform for college students to compete between them to get an internship in the registered company.
- To provide a platform for companies to offer internships and choose the best of best students by taking their evaluations in different phases of an internship.
- To provide a platform for companies to store the internship results online securely so that they can export them from any device capable of running the web app.
- To provide a platform where students can see company details and vice-versa.

Goals and Motivations

02 Interface Between Staff And Non-Staff

- To implement the one student one job policy such that when a student gets an internship in the present season, he can't apply for other internships in that season.
- When a database is managed, staffs can easily take care of other internship rules and criterias.
- To provide a smooth platform for staff and students/companies(non-staff) where non-staff can seek tech support from staff and staff can give notifications to non-staff so that they remain updated day to day..
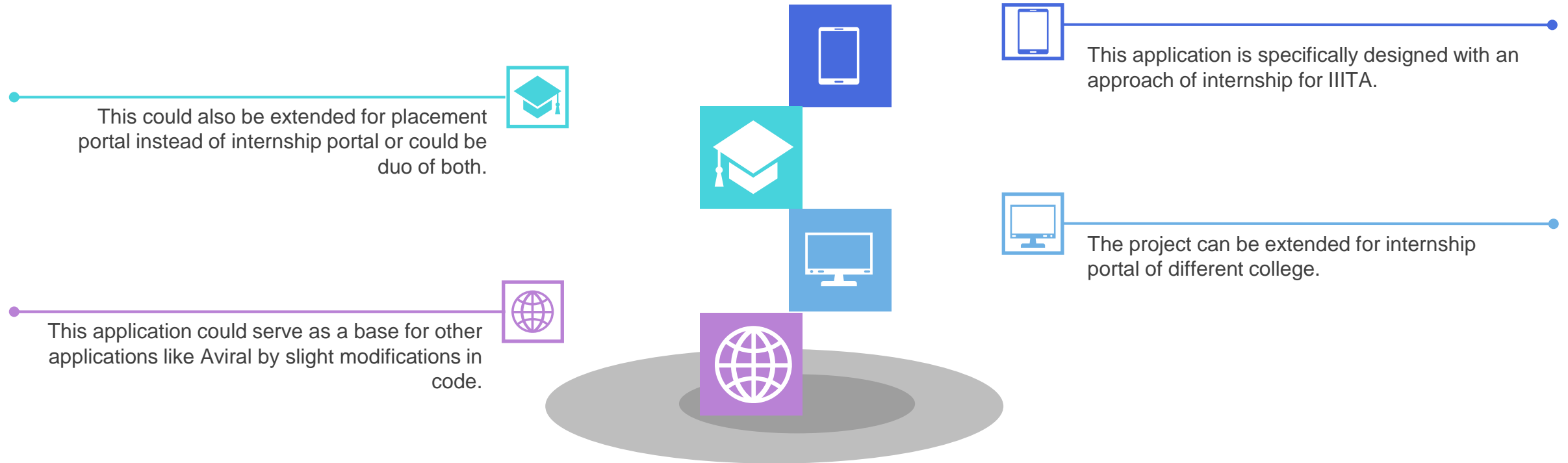
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03 Interface Between Admin And Staff

- To provide a smooth platform for admins and staffs where admins can track staff permissions and all those staff users(even admin) need specific permissions for every staff activity they are capable of.
- Here, staff with permissions can ban/ unban users, create new staff/company accounts and many more..

Goals and Motivations

Potential Application

This could also be extended for placement portal instead of internship portal or could be duo of both.

This application is specifically designed with an approach of internship for IIITA.

The project can be extended for internship portal of different college.

This application could serve as a base for other applications like Aviral by slight modifications in code.

Work Division

User Analysis

The User analysis was done by our group members to know what are the requirements/features the user expect from us. So that we could deliver a high end product.

GUI

The application must be very interactive, responsive as only then user would be attracted to use the application. Without this the application would serve no purpose.

Processing Speed

The application must be fast only then it would serve the for which user is using the application else he has to wait too long which will become very annoying.

Division

The above three tasks were completed by the involvement of all the members by gathering on a meet and helping each other out.

Use Cases

Basically we have 43 Use cases

Details of these all 24 categories have been discussed in the Software Requirement Specifications Document.

For the Implementation and Understanding simplicity we categorized these 43 uses cases into 24 use cases.

Some of these have been listed on next slide

Some Main Highlights

Login	Sign Up	User Verification
Forget Password	Manage Accounts	Restrict User
Notification	Internship Announcement	Registration in Internship
Technical Support	Roll back Application	Blog Management

Project Completion Strategy

Phases

Documentation Phase
Coding Phase
Testing Phase
Deployment Phase

Documentation Phase

In this phase we completed the documentation of the SRS and the SDS.

Coding Phase

In this phase we developed our application based on the documentation and the designing strategies.

Testing Phase

In this we will be testing our application for potential bugs and will be trying to fix them.

Deployment Phase

In this the application will be made available for use by the potential users by hosting the application.
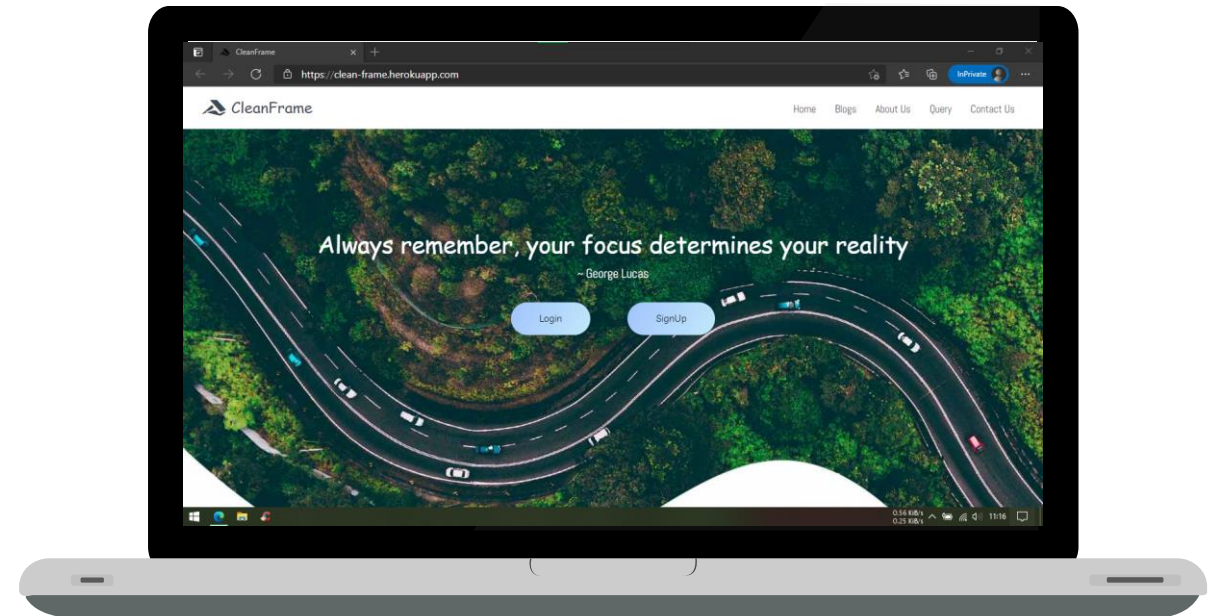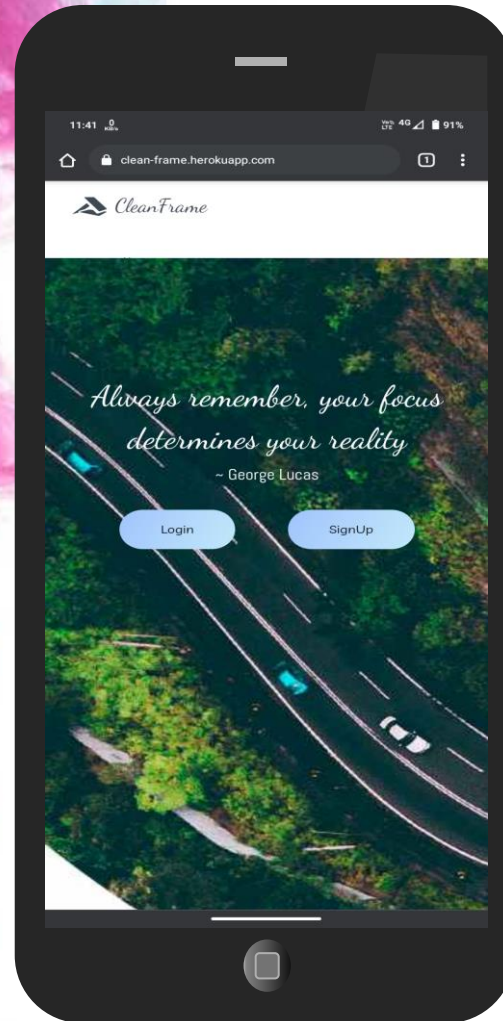
Traceability Matrix

Test Plan

Demonstration

Responsiveness

Security

Protection from SQL INJECTION


```
do you want to try URI injections in the target URL itself? [Y/n/q] Y
[00:05:19] [INFO] testing connection to the target URL
got a 302 redirect to 'https://clean-frame.herokuapp.com:443/'. Do you want to follow? [Y/n] Y
you have not declared cookie(s), while server wants to set its own ('csrftoken=MzAbZzZl70i...xGYIfmQ0TW'). Do you want to use those [Y/n] Y
[00:05:29] [CRITICAL] previous heuristics detected that the target is protected by some kind of WAF/IPS
[00:05:29] [INFO] testing if the target URL content is stable
[00:05:31] [WARNING] URI parameter '#1*' does not appear to be dynamic
[00:05:33] [WARNING] heuristic (basic) test shows that URI parameter '#1*' might not be injectable
```

```
192.168.18.0/24 > 192.168.18.8  » [00:32:37] [endpoint.lost] endpoint 192.168.18.101 fc:77:74:f9:d5:0d (Intel Corporate) lost.
192.168.18.0/24 > 192.168.18.8  » [00:32:39] [endpoint.new] endpoint 192.168.18.101 detected as fc:77:74:f9:d5:0d (Intel Corporate).
192.168.18.0/24 > 192.168.18.8  » [00:32:42] [net.sniff.https] sni Android-3.local > https://clean-frame.herokuapp.com
192.168.18.0/24 > 192.168.18.8  » [00:32:42] [net.sniff.https] sni Android-3.local > https://clean-frame.herokuapp.com
192.168.18.0/24 > 192.168.18.8  » [00:32:42] [net.sniff.https] sni Android-3.local > https://clean-frame.herokuapp.com
192.168.18.0/24 > 192.168.18.8  » [00:32:42] [net.sniff.https] sni Android-3.local > https://clean-frame.herokuapp.com
192.168.18.0/24 > 192.168.18.8  » [00:32:42] [net.sniff.https] sni Android-3.local > https://clean-frame.herokuapp.com
192.168.18.0/24 > 192.168.18.8  » [00:32:42] [net.sniff.https] sni Android-3.local > https://clean-frame.herokuapp.com
192.168.18.0/24 > 192.168.18.8  » [00:32:42] [net.sniff.https] sni Android-3.local > https://clean-frame.herokuapp.com
192.168.18.0/24 > 192.168.18.8  » [00:32:49] [net.sniff.mdns] mdns Android-3.local : PTR query for _%9E5E7C8F47989526C9BCD95D24084F6F0B27C5ED._sub._googlecast._tcp.lo
cal
192.168.18.0/24 > 192.168.18.8  » [00:32:49] [net.sniff.mdns] mdns Android-3.local : PTR query for _googlecast._tcp.local
192.168.18.0/24 > 192.168.18.8  » [00:32:52] [endpoint.lost] endpoint 192.168.18.101 fc:77:74:f9:d5:0d (Intel Corporate) lost.
192.168.18.0/24 > 192.168.18.8  » [00:32:55] [endpoint.new] endpoint 192.168.18.101 detected as fc:77:74:f9:d5:0d (Intel Corporate).
192.168.18.0/24 > 192.168.18.8  » [00:33:06] [net.sniff.https] sni Android-3.local > https://kit.fontawesome.com
192.168.18.0/24 > 192.168.18.8  » [00:33:06] [net.sniff.https] sni Android-3.local > https://kit.fontawesome.com
[00:33:08] [net.sniff.dns] dns gateway > Android-3.local : rawgitcdn.b-cdn.net is 43.251.180.202
192.168.18.0/24 > 192.168.18.8  » [00:33:08] [net.sniff.dns] dns gateway > Android-3.local : ns1.bunnydns.com is 185.120.23.100
192.168.18.0/24 > 192.168.18.8  » [00:33:08] [net.sniff.dns] dns gateway > Android-3.local : ns2.bunnydns.com is 157.53.226.1
192.168.18.0/24 > 192.168.18.8  » [00:33:08] [net.sniff.dns] dns gateway > Android-3.local : ns4.bunnydns.com is 157.53.226.1
192.168.18.0/24 > 192.168.18.8  » [00:33:08] [net.sniff.dns] dns gateway > Android-3.local : ns3.bunnydns.com is 194.156.156.100
[00:33:08] [net.sniff.dns] dns gateway > Android-3.local : ns2.bunnydns.com is 157.53.226.1
192.168.18.0/24 > 192.168.18.8  » [00:33:08] [net.sniff.dns] dns gateway > Android-3.local : ns3.bunnydns.com is 194.156.156.100
192.168.18.0/24 > 192.168.18.8  » [00:33:08] [net.sniff.dns] dns gateway > Android-3.local : ns4.bunnydns.com is 157.53.226.1
192.168.18.0/24 > 192.168.18.8  » [00:33:08] [net.sniff.dns] dns gateway > Android-3.local : ns1.bunnydns.com is 185.120.23.100
192.168.18.0/24 > 192.168.18.8  » [00:33:08] [net.sniff.https] sni Android-3.local > https://cdn.rawgit.com
192.168.18.0/24 > 192.168.18.8  » [00:33:08] [net.sniff.dns] dns gateway > Android-3.local : rawgitcdn.b-cdn.net is 43.251.180.202
192.168.18.0/24 > 192.168.18.8  » [00:33:08] [net.sniff.https] sni Android-3.local > https://cdn.rawgit.com
192.168.18.0/24 > 192.168.18.8  » [00:33:09] [net.sniff.mdns] mdns Android-3.local : PTR query for _%9E5E7C8F47989526C9BCD95D24084F6F0B27C5ED._sub._googlecast._tcp.lo
cal
192.168.18.0/24 > 192.168.18.8  » [00:33:09] [net.sniff.mdns] mdns Android-3.local : PTR query for _googlecast._tcp.local
192.168.18.0/24 > 192.168.18.8  » [00:33:12] [endpoint.lost] endpoint 192.168.18.101 fc:77:74:f9:d5:0d (Intel Corporate) lost.
192.168.18.0/24 > 192.168.18.8  » [00:33:13] [endpoint.new] endpoint 192.168.18.101 detected as fc:77:74:f9:d5:0d (Intel Corporate).
192.168.18.0/24 > 192.168.18.8  » [00:33:24] [endpoint.lost] endpoint 192.168.18.101 fc:77:74:f9:d5:0d (Intel Corporate) lost.
192.168.18.0/24 > 192.168.18.8  » [00:33:25] [net.sniff.dns] dns gateway > Android-3.local : dns3.p03.nsone.net is 198.51.44.67, 2620:4d:4000:6259:7:3:0:3
192.168.18.0/24 > 192.168.18.8  » [00:33:25] [net.sniff.dns] dns gateway > Android-3.local : clean-frame.herokuapp.com is 3.211.220.61, 3.211.69.79, 52.6.203.110, 34.
233.106.96, 3.211.59.43, 54.236.83.95, 3.225.122.170, 34.207.47.24
192.168.18.0/24 > 192.168.18.8  » [00:33:25] [net.sniff.dns] dns gateway > Android-3.local : dns1.p03.nsone.net is 198.51.44.3, 2620:4d:4000:6259:7:3:0:1
192.168.18.0/24 > 192.168.18.8  » [00:33:25] [net.sniff.dns] dns gateway > Android-3.local : dns2.p03.nsone.net is 198.51.45.3, 2a00:edc0:6259:7:3::2
192.168.18.0/24 > 192.168.18.8  » [00:33:25] [net.sniff.dns] dns gateway > Android-3.local : dns3.p03.nsone.net is 198.51.44.67, 2620:4d:4000:6259:7:3:0:3
```

THANK YOU