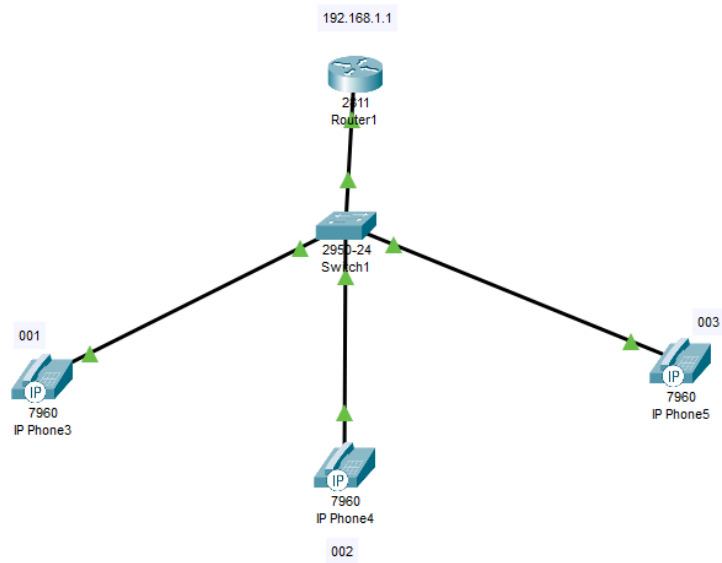Tugas Praktikum Jaringan Komputer

Nama : Agil Deriansyah Hasan
Nim : 4522210125

Dosen Pengajar :
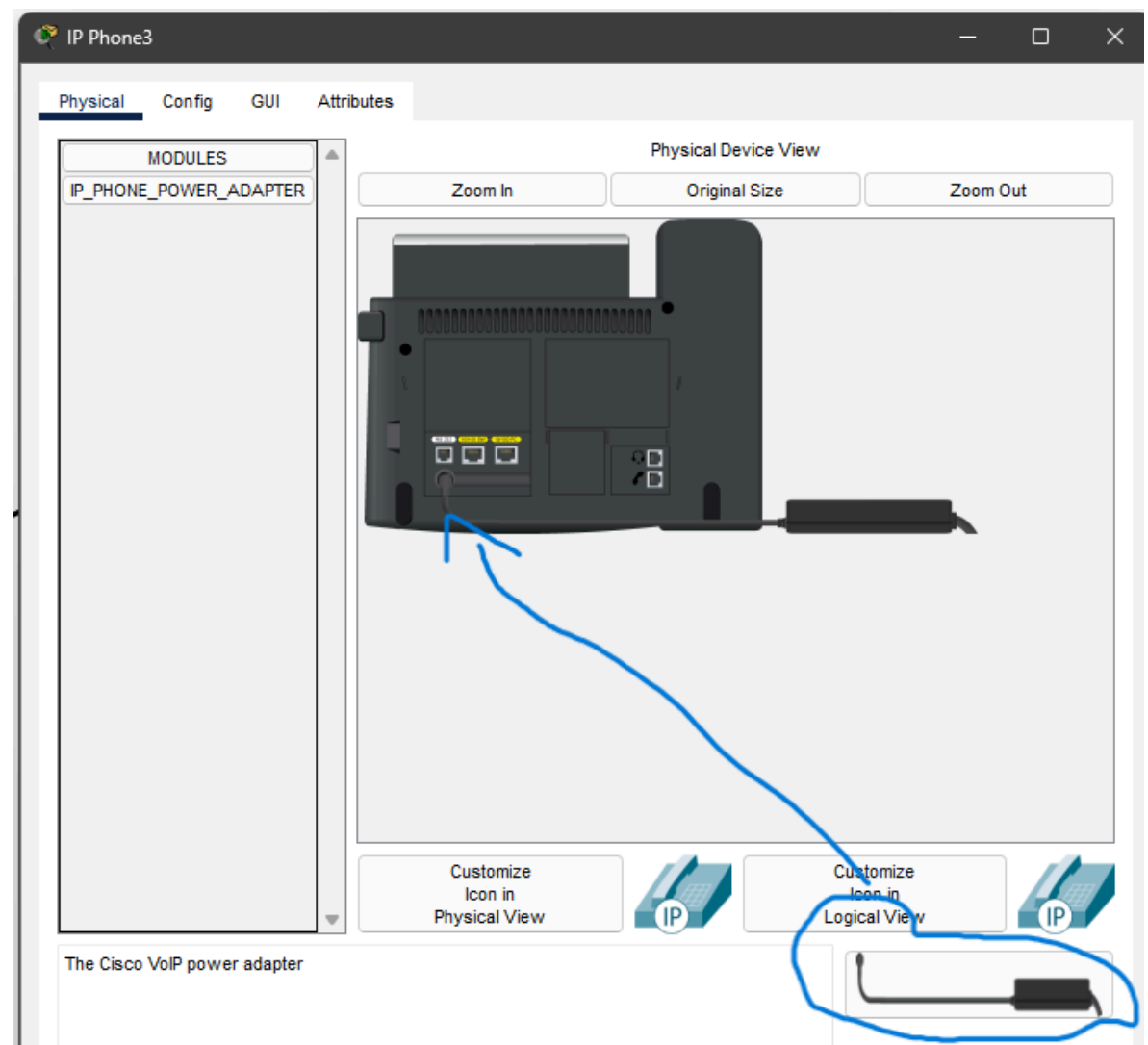
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Prak. Jaringan Komputer - G

S1-Teknik Informatika
Fakultas Teknik
Universitas Pancasila 2023/2024

192.168.1.1

2811
Router1

2950-24
Switch1

001

7960
IP Phone3

7960
IP Phone4

002

003

7960
IP Phone5

Device	IPv4 Address
2811 Router1	192.168.1.1
2950-24 Switch1	-
Device	Number
7960 IP Phone3	001
7960 IP Phone4	002
7960 IP Phone5	003

Memasngkan AuditPower Adapter

Menyambungkan Kabel dengan Straight

Mengconfigurasi kan di Device switch

```
Switch>en
Switch#conf terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Switch(config)#int range fa0/1-5
Switch(config-if-range)#switch voice vlan 1
Switch(config-if-range)#exit
Switch(config)#
```

Lalu Masukkan IPv4 Address Router 192.168.1.1

```
Router(config)#ip dhcp excluded-address 192.168.1.1
Router(config)#int fa 0/0
Router(config-if)#no shutdown
Router(config-if)#exit
Router(config)#int fa 0/0
Router(config-if)#exit
```

Mengconfigurasi kan di Device Router Dan Menambahkan Nomor kepada masing masing Device 7960 IP Phone

```
Router(config)#telephony-service
Router(config-telephony)#max-ephones 3
Router(config-telephony)#max-dn
% Incomplete command.
Router(config-telephony)#max-dn 3
Router(config-telephony)#ip source-address 192.168.1.1 port 2000
Router(config-telephony)#auto assign 1 to 3
Router(config-telephony)#ephone-dn 1
Router(config-ephone-dn)#%LINK-3-UPDOWN: Interface ephone_dsp DN 1.1, changed state to up

Router(config-ephone-dn)#number 001
Router(config-ephone-dn)#
%IPPHONE-6-REGISTER: ephone-1 IP:192.168.1.2 Socket:2 DeviceType:Phone has registered.

Router(config-ephone-dn)#ephone-dn 2
Router(config-ephone-dn)#%LINK-3-UPDOWN: Interface ephone_dsp DN 2.1, changed state to up

Router(config-ephone-dn)#number 002
Router(config-ephone-dn)#
%IPPHONE-6-REGISTER: ephone-3 IP:192.168.1.4 Socket:2 DeviceType:Phone has registered.

Router(config-ephone-dn)#ephone-dn 3
Router(config-ephone-dn)#%LINK-3-UPDOWN: Interface ephone_dsp DN 3.1, changed state to up

Router(config-ephone-dn)#number 003
Router(config-ephone-dn)#
%IPPHONE-6-REGISTER: ephone-2 IP:192.168.1.3 Socket:2 DeviceType:Phone has registered.
```

Hasil Berihasil Ditambahkan number kepada IP Phone Dan Di Calling Ke sesama IP Phone