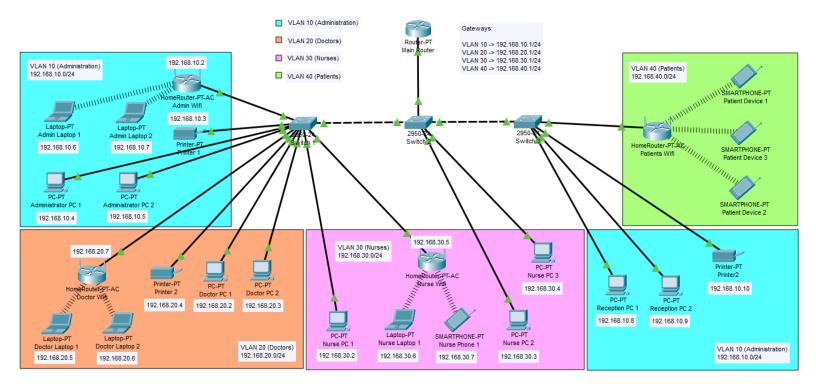
Name: Plaras, Johnreb Charles E.

Section: UCOS 3-2

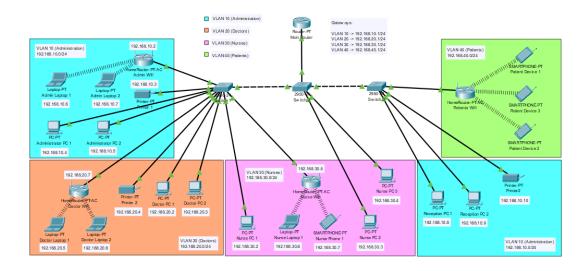
Diagram:



Simulation:

INTRA-VLAN COMMUNICATION

VLAN 10 to VLAN 10 Devices:

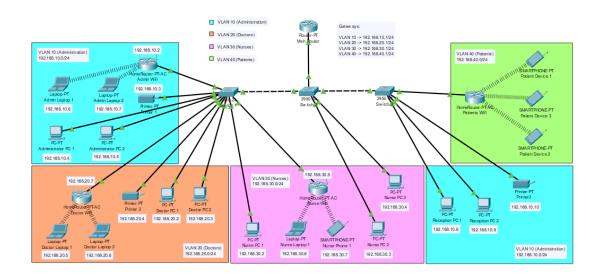




Zoomed In:

| Fire | Last Status | Source | Destination | Туре | Color | Time(sec) | Periodic | Num | Edit | Delete |
|------|-------------|--------------------|--------------------|------|-------|-----------|----------|-----|--------|--------|
| | Successful | Administrator PC 1 | Printer 1 | ICMP | | 0.000 | N | 0 | (edit) | |
| • | Successful | Admin Laptop 1 | Administrator PC 2 | ICMP | | 0.000 | N | 1 | (edit) | |
| • | Successful | Admin Laptop 1 | Printer 1 | ICMP | | 0.000 | N | 2 | (edit) | |
| • | Successful | Reception PC 1 | Printer2 | ICMP | | 0.000 | N | 3 | (edit) | |

VLAN 20 to VLAN 20 Devices:

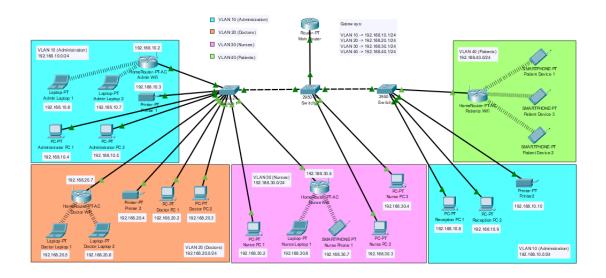




Zoomed in:

| Fire L | ast Status | Source | Destination | Туре | Color | Time(sec) | Periodic | Num | Edit | Delete |
|--------|------------|-----------------|-------------|------|-------|-----------|----------|-----|--------|--------|
| | Successful | Doctor Laptop 1 | Printer 2 | ICMP | | 0.000 | N | 0 | (edit) | |
| • | Successful | Doctor PC 1 | Doctor PC 2 | ICMP | | 0.000 | N | 1 | (edit) | |
| • | Successful | Doctor PC 1 | Doctor Wifi | ICMP | | 0.000 | N | 2 | (edit) | |
| | Successful | Doctor PC 2 | Printer 2 | ICMP | | 0.000 | N | 3 | (edit) | |

VLAN 30 to VLAN 30 Devices:





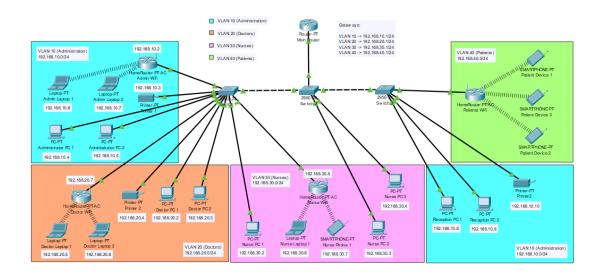
| Fire | Last Status | Source | Destination | Туре | Color | Time(sec) | Periodic | Num | Edit | Delete |
|------|-------------|---------------|----------------|------|-------|-----------|----------|-----|--------|--------|
| | Successful | Nurse PC 1 | Nurse Laptop 1 | ICMP | | 0.000 | N | 0 | (edit) | |
| • | Successful | Nurse PC 2 | Nurse PC 3 | ICMP | | 0.000 | N | 1 | (edit) | |
| • | Successful | Nurse Phone 1 | Nurse PC 1 | ICMP | | 0.000 | N | 2 | (edit) | |
| • | Successful | Nurse PC 2 | Nurse Wifi | ICMP | | 0.000 | N | 3 | (edit) | |

VLAN 40 to VLAN 40 Devices:

Successful

Successful

Patient Device 3





Patient Device 1

ICMP

ICMP

Ν

Ν

0.000

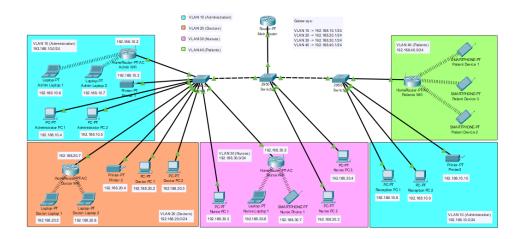
2

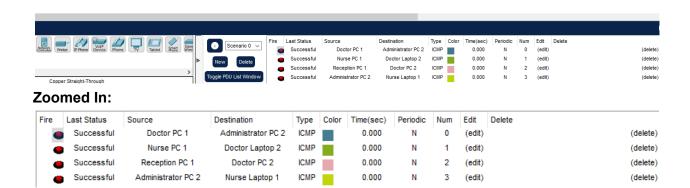
3

(edit)

(edit)

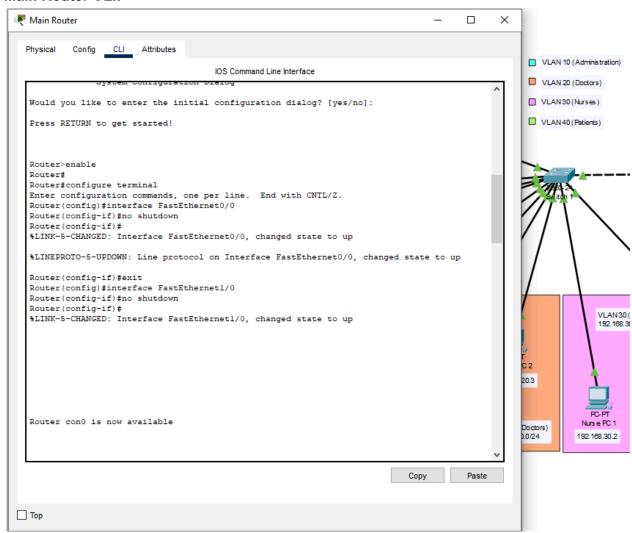
INTER-VLAN COMMUNICATION

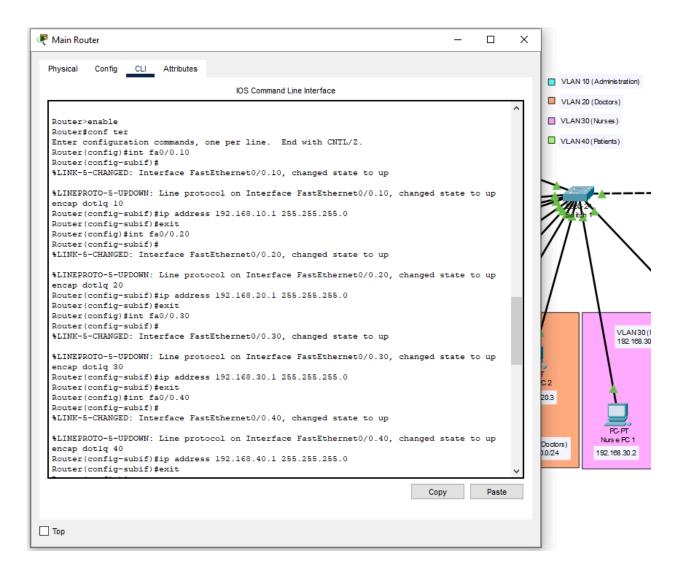




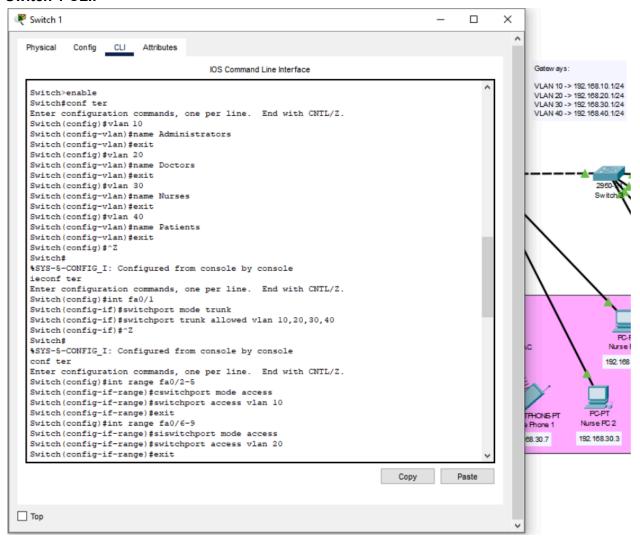
CLIs:

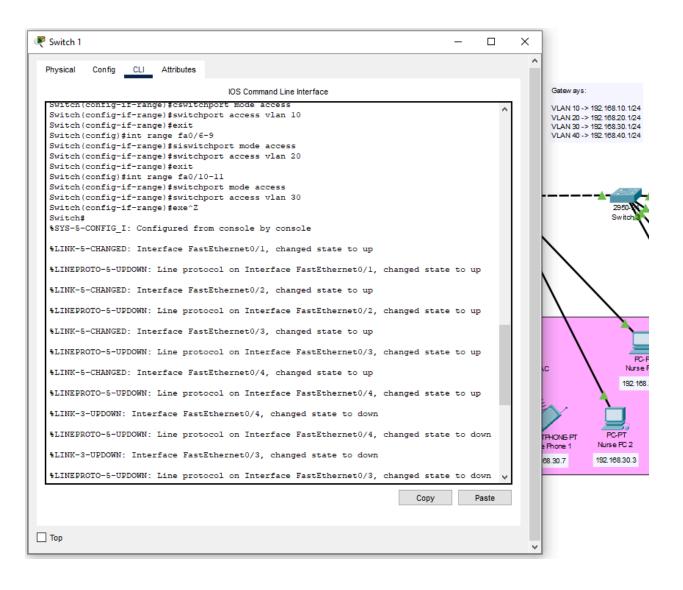
Main Router CLI:



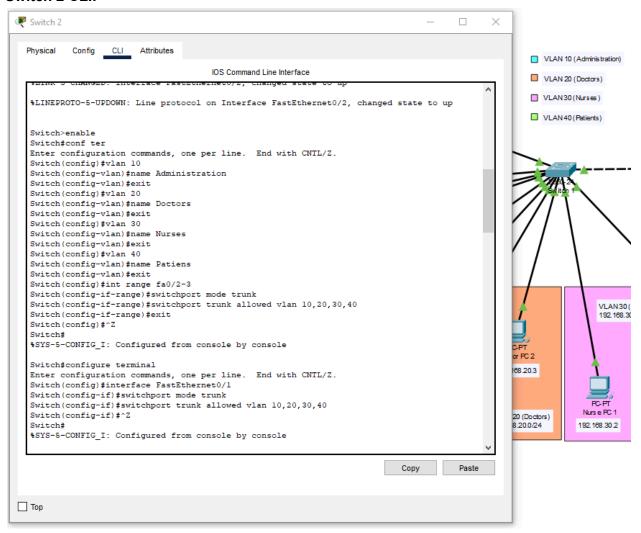


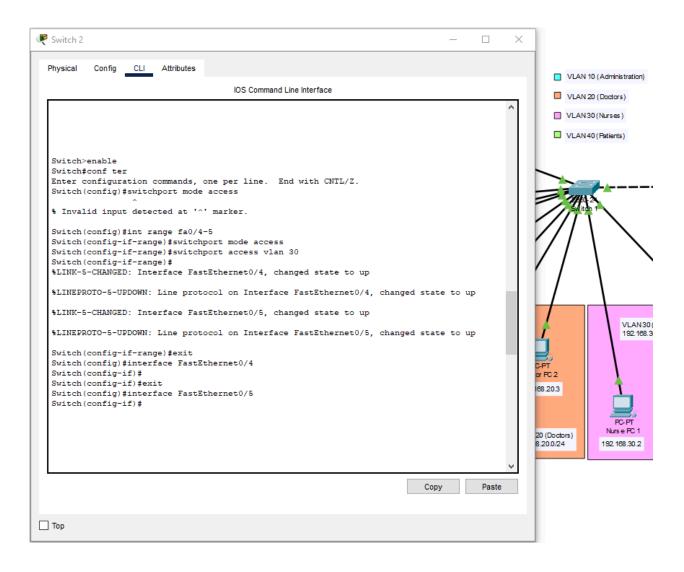
Switch 1 CLI:





Switch 2 CLI:





Switch 3 CLI:

