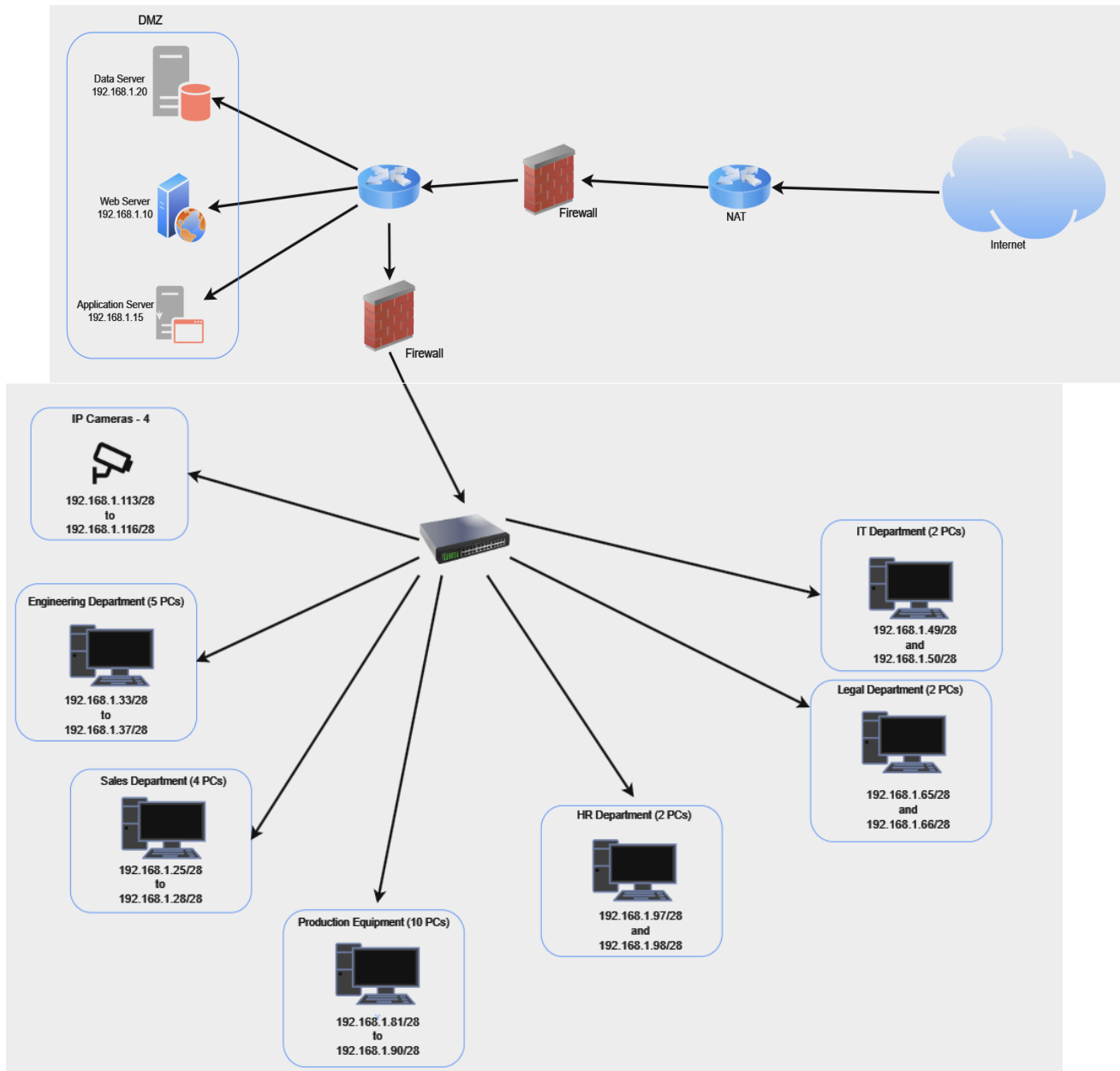


Network Diagram of Pandora Company

Name – Nonis S.S.L

Index No – 210439P

Network Diagram :-



Additional Devices :-

- Switches
- Firewall
- NAT Routers

There are several potential configurations used in this network. They are VLAN setup, firewall rules, DHCP server settings, IP address assignment, and security measures. VLANs are crucial for segmenting network traffic, reducing broadcast domains, and enhancing security. A DHCP server can be configured to assign IP addresses dynamically within each VLAN. The firewall will enforce access control rules between VLANs and control traffic to and from the internet. Each server should have a static IP address and be configured for its specific role. Not only that network monitoring and other security measures should be taken.

Access control rules are essential for managing the flow of traffic between different segments of a network, ensuring that only authorized users and devices can access certain resources. Some access control rules which can be used are listed below.

- Allow all VLANs to access the internet but restrict certain types of traffic.
- Allow specific VLANs to access servers based on their roles and needs.
- Allow necessary communication between VLANs and block other traffic.