

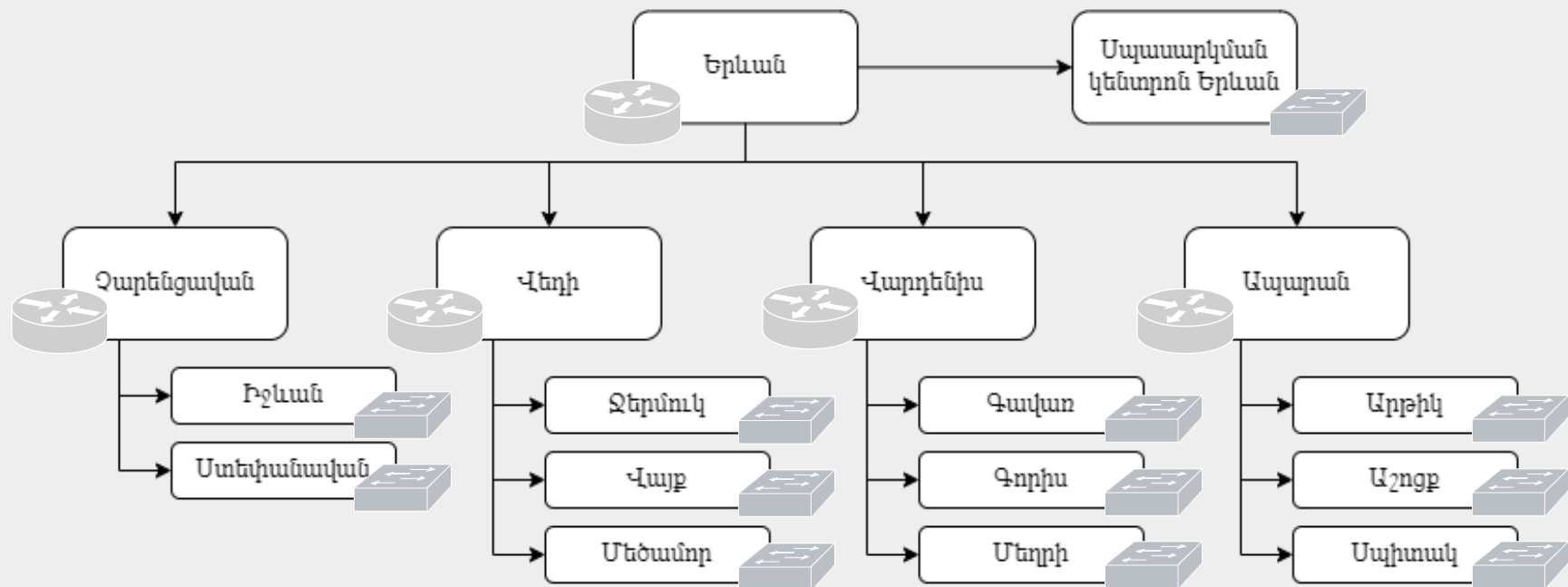
# INSURANCE COMPANY NETWORK DESIGN IN CISCO PACKET TRACER ENVIRONMENT

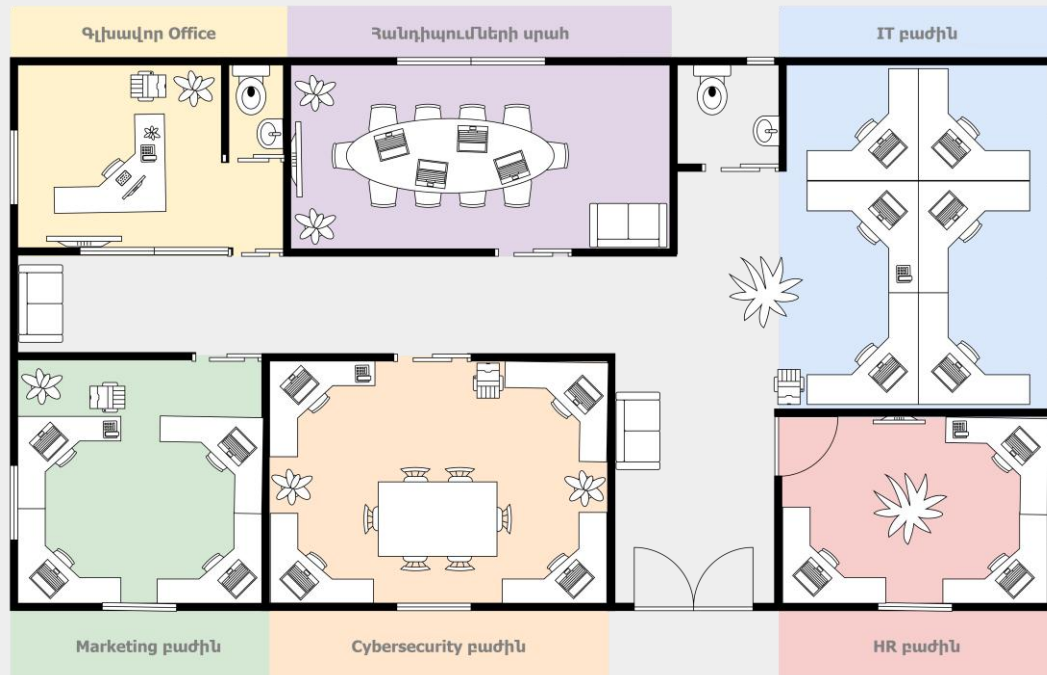
Subject: Distributed Information Systems

Group: IT 261

Student: Mnatsakanyan Lilit

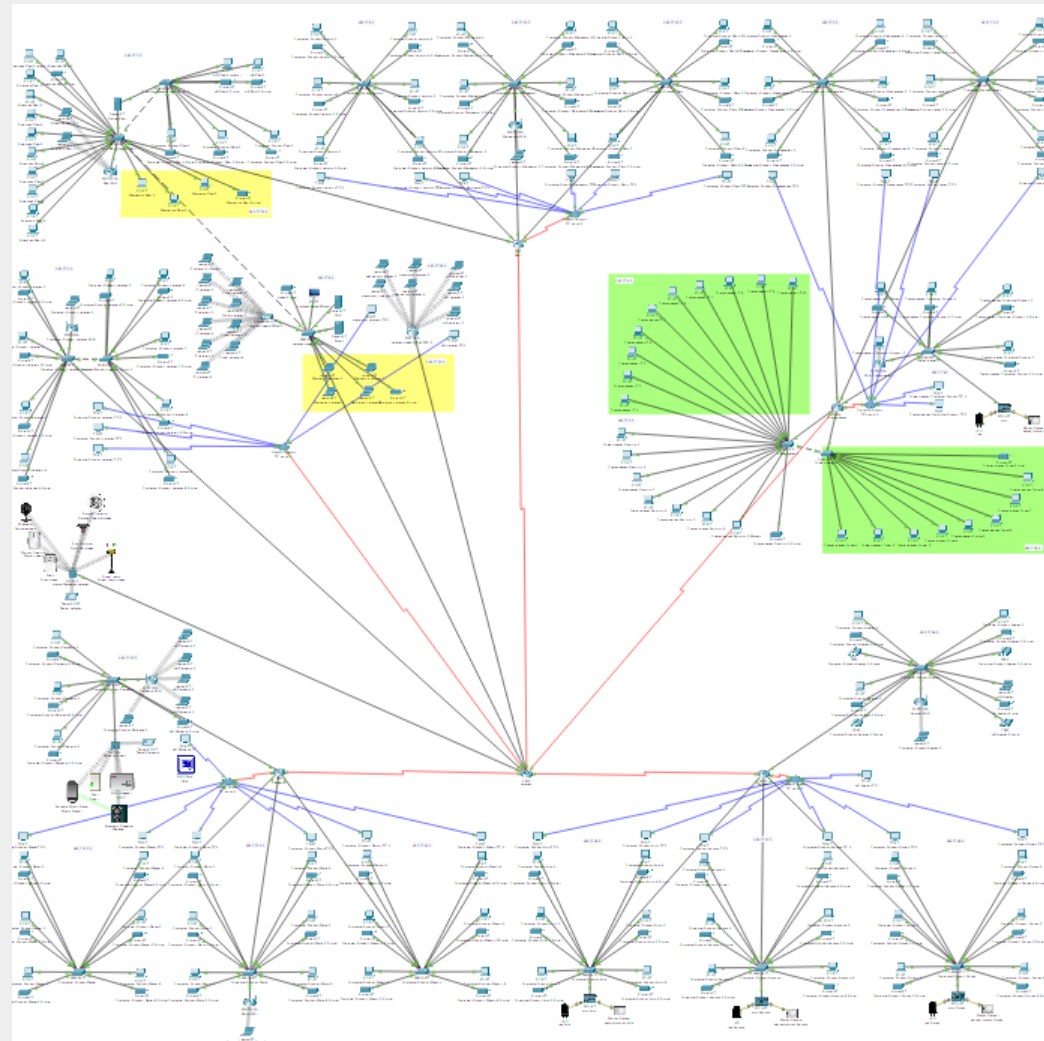
## GENERAL DESCRIPTION OF THE NETWORK





Appearance of the head on the physical level

# Network view in Cisco Packet Tracer environment



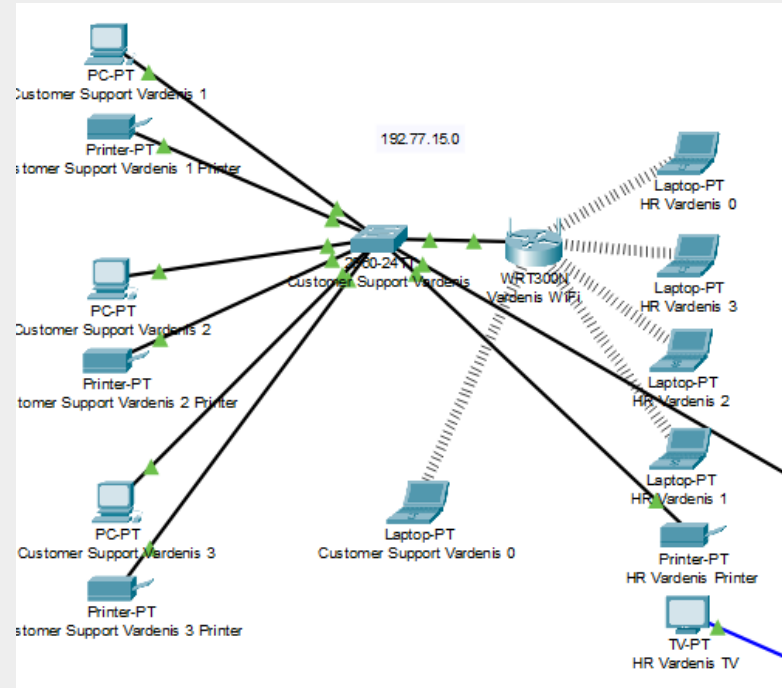
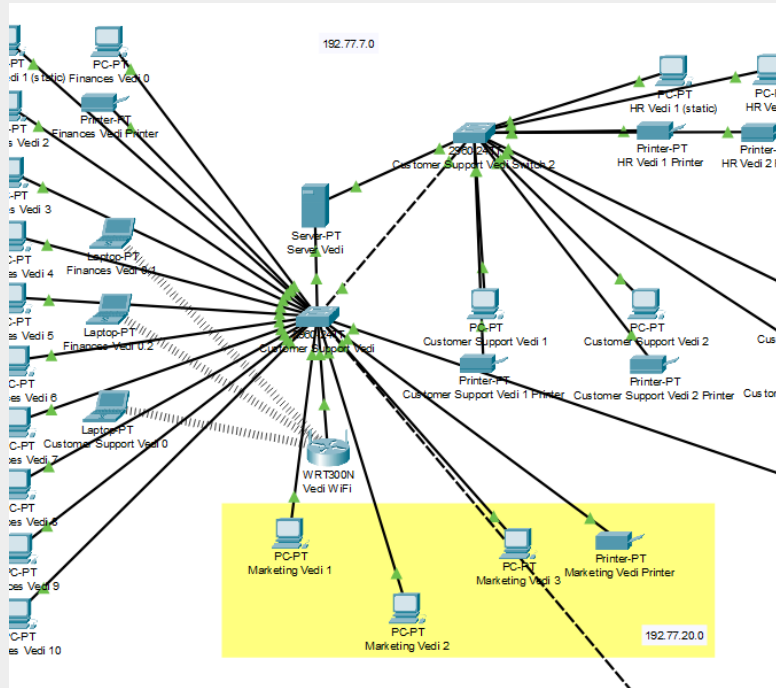
## EQUIPMENT USED IN THE NETWORK



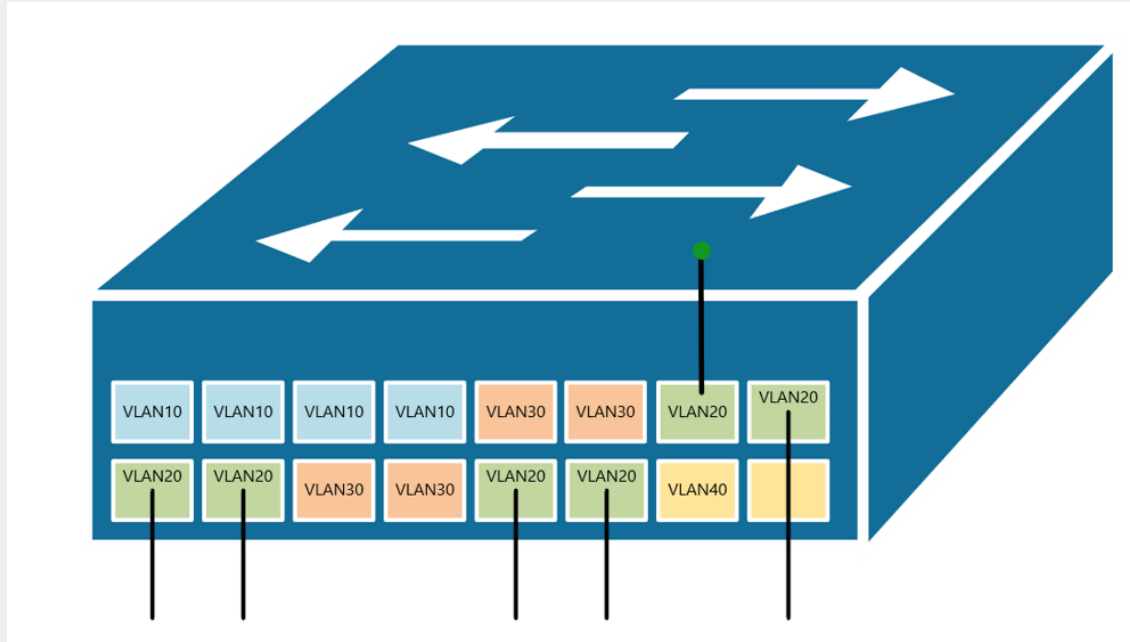
- Router
- Switch
- PC
- Laptop
- Phone
- Printer
- Home Gateway
- IoT
- Server
- Wireless Router



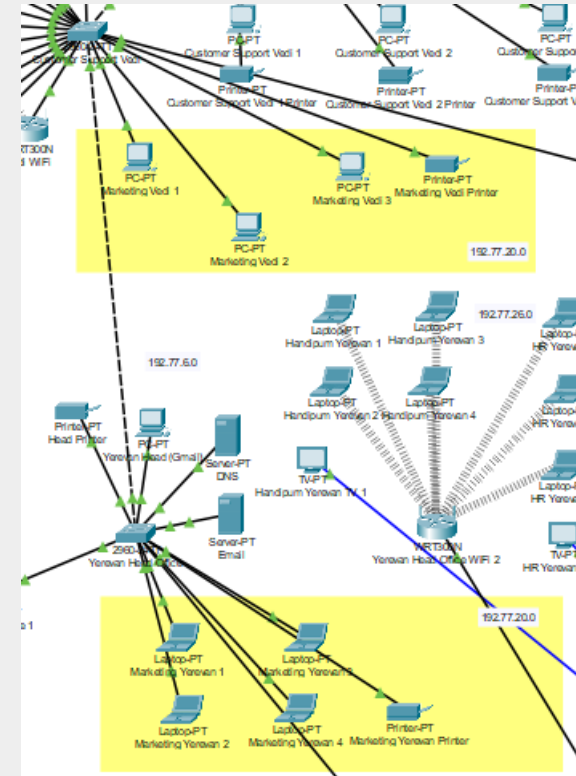
# STATIC AND DYNAMIC IP ADDRESSING



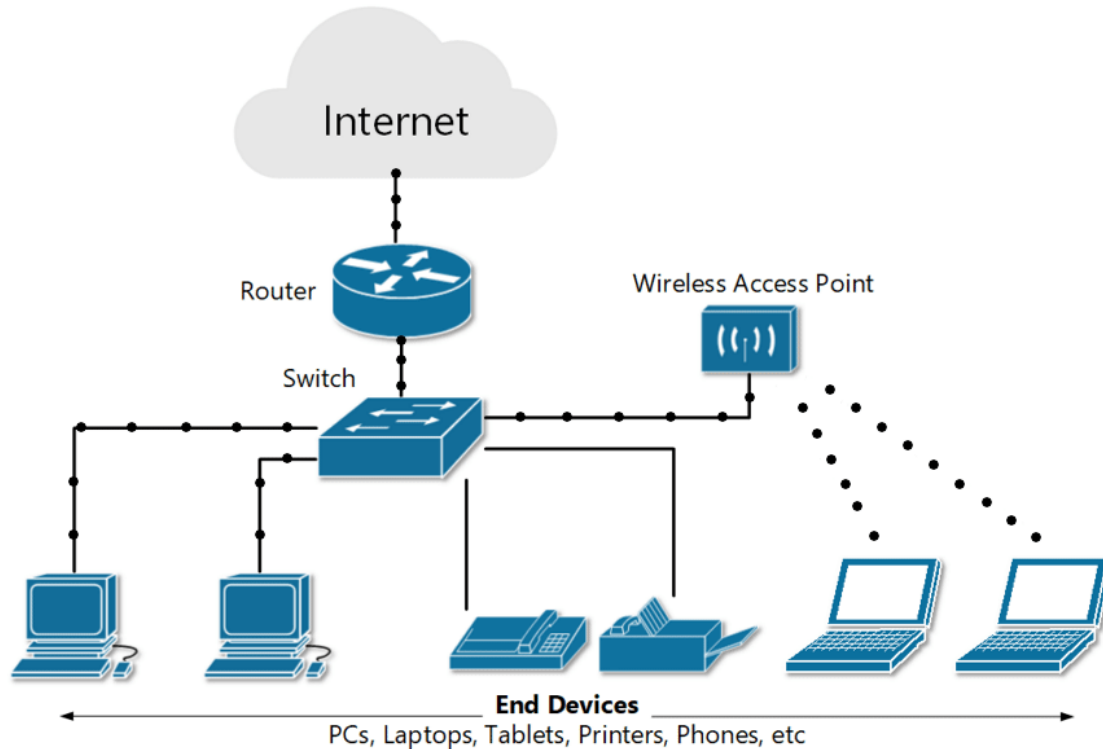
# HOW VLAN WORKS



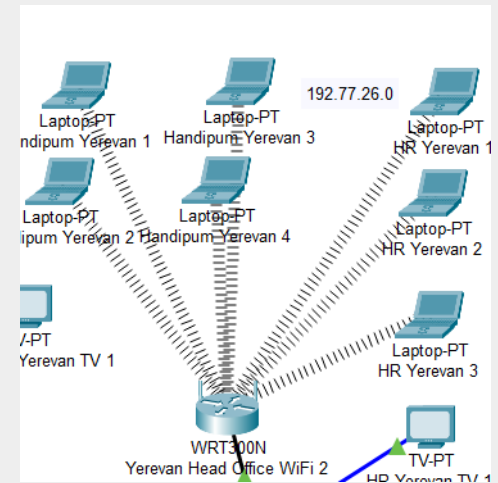
VLANs have been created to ensure proper network operation.



# WIRELESS DEVICES

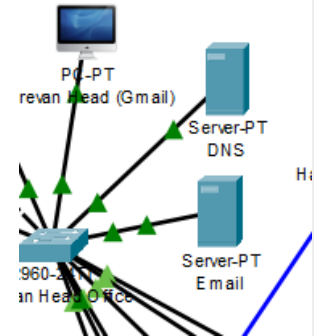
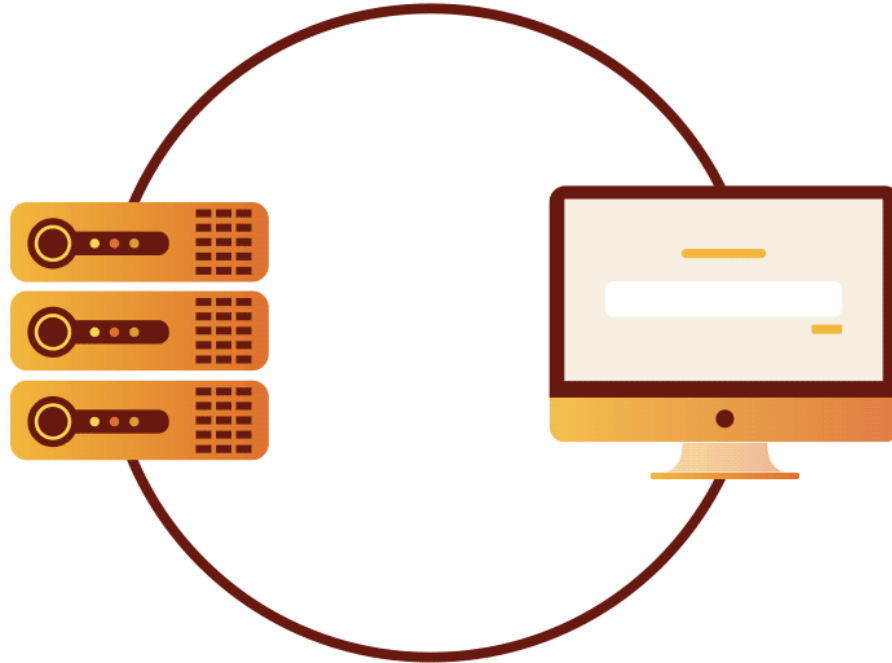


## Wireless devices

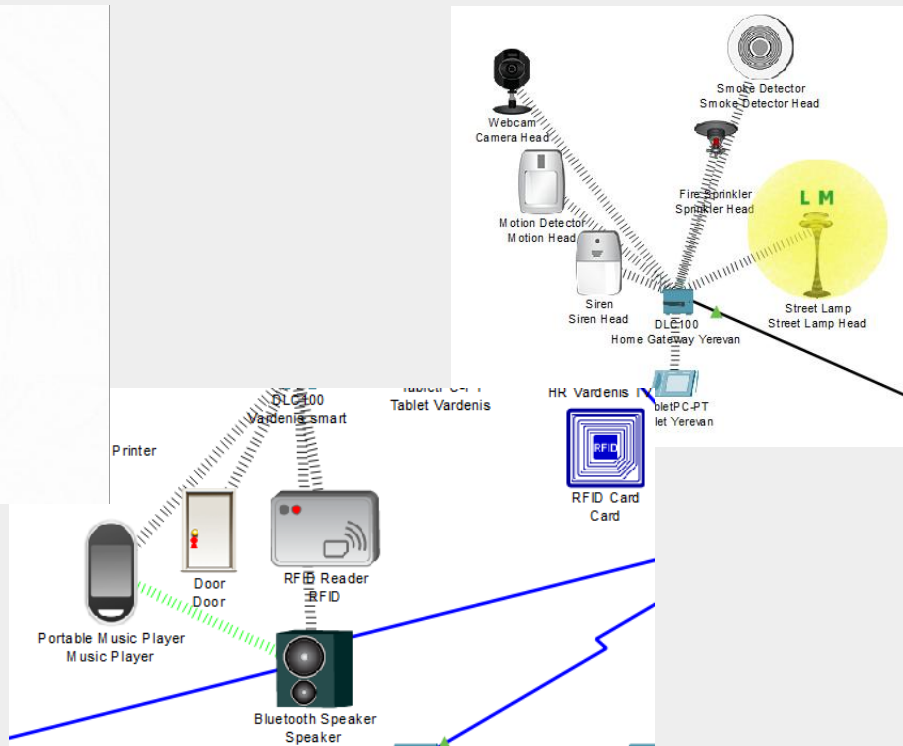


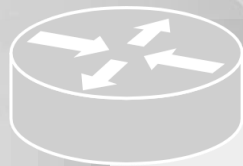


# HOW DNS AND EMAIL SERVERS WORK



# IoT DEVICES

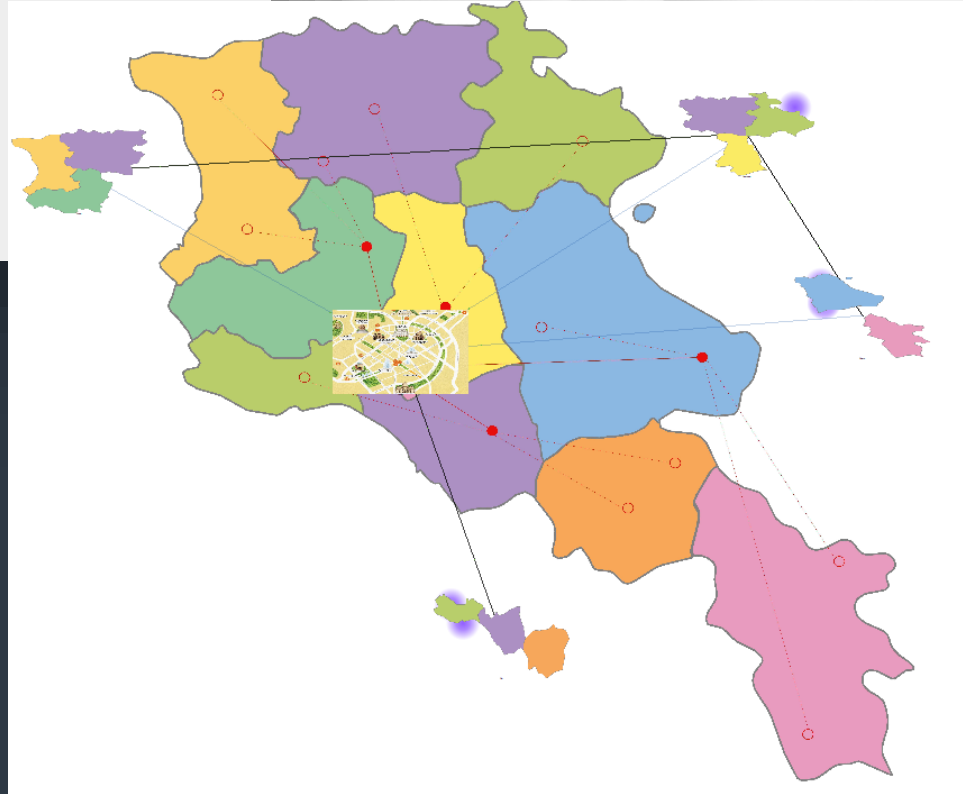
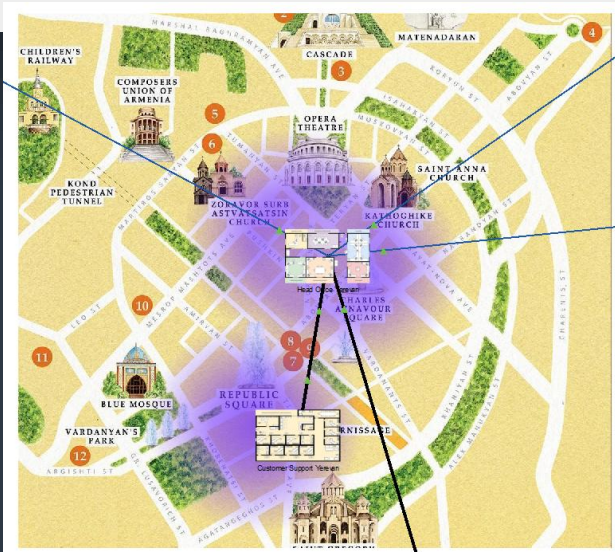


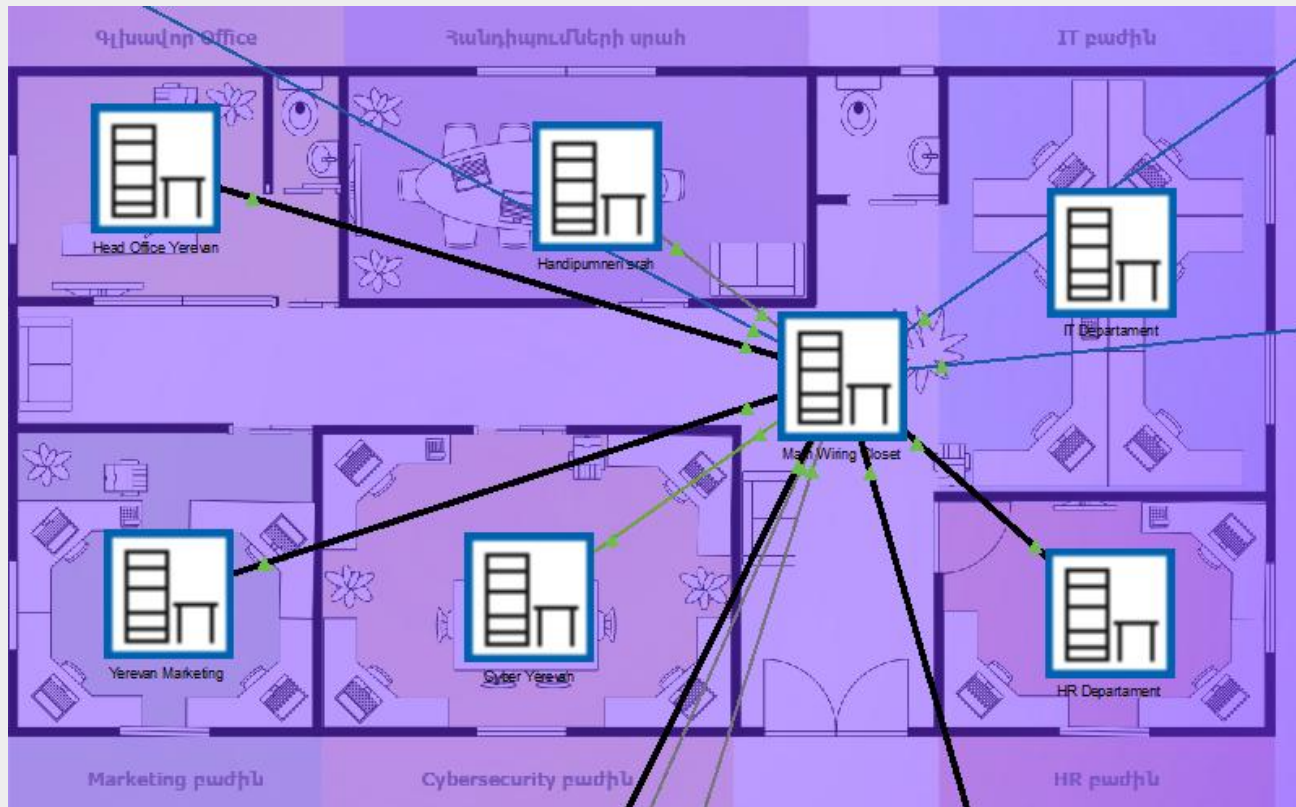


# APPLICATION OF EIGRP

EIGRP (Enhanced Interior Gateway Routing Protocol) is a dynamic routing protocol developed by Cisco that provides efficient and fast network routing and allows automatic exchange of routes across the network. It is faster and more efficient than the traditional RIP (Routing Information Protocol).

# PHYSICAL VIEW





# THANK YOU

Student: Lilit Mnatsakanyan

