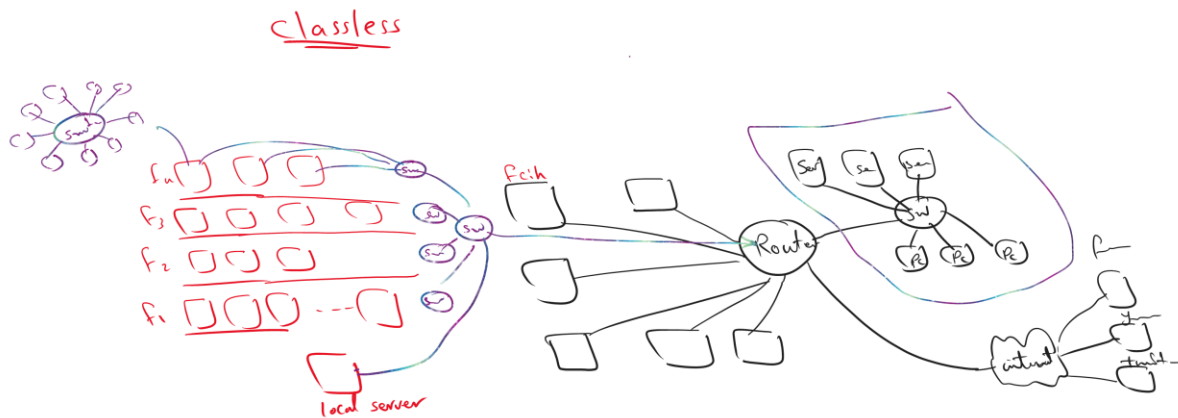


Design a Network for a small university campus.



Please, Use different Scenarios to examine your work

- 1- Use Classless to distribute the public IP addresses to all sub-networks.
- 2- Allow connections with **local servers** from **inside** and **outside** its network.
- 3- Allow connections with all **public servers** from all different subnetworks.
- 4- Apply different **complex ACL rules** on all interfaces of the main router.
- 5- Allow servers to support different types of applications with different configurations.
- 6- Allow PCs in different networks to support application profiles with different configurations.
- 7- Examine the influence of **MTU** on your network.
- 8- Apply **VLAN** configuration in your network and examine it in a separate scenario.