

**Develop a network system on any company with the following requirements:**

**Main Branch**

Any Company Name/Business

4-storey building

15 different departments or offices

IP addressing will be your choice

with Website, intranet email system

protocol used: OSPF

number of router: 1

number of computers: 5/office

Number of phones: 2/office

**Branch 1**

number of router: 1

number of switch: 1

number of computer: 2/office

Number of phones: 1/office

1 floor building

3 office

**ISP (PLDT)**

number of routers: 2

number of computers: none

protocol used: EIGRP

Configure an IP Telephony system that enable communication between 15 departments. Your network design will depend upon the number of offices within each floor, each office should have a minimum of 2 IP phones, and 5 computers. The main branch has only one router which is connected to the ISP (cloud with 2 routers), and connected to another branch office

**Requirement:**

1. Compilation/Research Format Paper - 10 - 11pts font size

Detailed explanation about the procedure on how the network was developed, similar to the explanation on research framework.

2. Short Size Bond Paper/ONLINE

3. Working Packet Tracer File with Demo

4. List of commands per device - 8 pts font size

5. Deadline of submission: As soon as you finish the task submit them.

6. Additional information will be given by the instructor, therefore keep tab on your account always.

7. Those who submitted this project previously are exempted however if you want to have additional grades then use this. Provided that you are going to create your own scenario with all requirements asked.