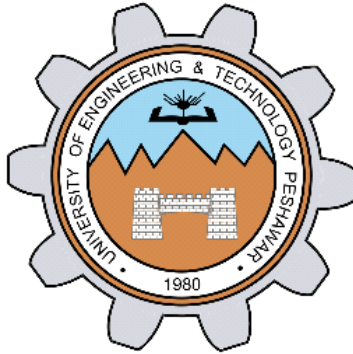


Project Proposal



Data communication and network lab

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Project: -

“Implementation of network connection by subnetting”

Component: -

- Node devices (laptop, printer etc).
- End devices (router, switches).
- Connection cables.

Description: -

For example, a client requests us for network to be design, which has the following simplification.

Design a network in cisco packet tracer to connect ACCOUNT and DELIVERY or more departments through the following

- a. Each department should contain at least 2 PC's.
- b. Appropriate number of switches and router should be used in the network.
- c. Using the given network address 192.168.40.0 all interface should be configured with appropriate IP address, subnet mask and gateway.
- d. All devices in the network should be connected using appropriate cable.
- e. Test the connectivity between ACCOUNT and DELIVERY department PC's in DELIVERY department should be able to ping the PC's in ACCOUNT department.

Here we are required to design a network which connect two subnets (network) with the given network address 192.168.40.0.