**Project 1**

**Simple Enterprise Network**

**Case Study and Requirements**

* Design a network in Cisco Packet Tracer to connects ACCOUNTS and DELIVERY departments through the following:
  + Each department should contain at least two PCs.
  + Appropriate number of switches and routers should be used in the network.
  + Using the given network 192.168.40.0, all interfaces sould be configured with correct IP addresses, subnet mask and gateways.
  + All devices in the network should be connected using appropriate cables.
  + Test communication between devices in both ACCOUNTS and DELIVERY departments.

**Technologies Implemented**

* Creating a Simple Network using a Router and Access Layer Switch.
* Connecting Networking devices with Correct cabling.
* Connecting two Networks using a Router.
* Subnetting and IP Addressing.
* Assigning IP Addresses to Router's interfaces.
* Static IP Address allocation to Host Devices.
* Test and Verifying Network Communication.