



Computer Engineering Department
Computer Networks 2 (10636455)
SNMP-Assignment
Fall 2021

Description:

You are required to develop an SNMP manager in PHP to send requests to an SNMP agent (PC) and display the SNMP responses. Your manager should display the following information in an appropriate style on different pages or section. Your Interface and Pages should look nice.

Page1:

- Display the content of the Name of the Device, Description, Time Since It was turned On, and OID.
- The Location and Contact should be editable (Changeable). Provide a page or a section to change these values.

Page2:

- Display the content of the *ipAddrTable* (Ip Address Table) and the *ipNetToMediaTable* (ARP Table) in the IP Group. Use suitable GUI.

Page 3:

- Display the content of the *udpTable* (UDP Table of UDP Applications running on your PC) and The Number of the *UDPInDatagrams* in the UDP Group.

Note: Make sure you see the 161 port in your *udpTable* when you try it,

Page 4:

- Display *only* the following Fields of each entry in the *ifTable* in the Interface Group (Group 2):
Description, MTU, and ifPhysicalAddress. Description should be in Readable Text Format.

Add Navigation, Next and Previous. Also Add a Main page if you like.

Submission Notes:

1. You can work either individually or in groups of 2.
2. Submit all resource files.
3. Create a short Video and Upload to Drive and Provide a Link to the Drive.