

Project Assignment (CSN-341)

Submission Deadline: 23rd Nov 2020, 11:59 PM

Problem Statement 1: To demonstrate password sniffing over different application layer protocols like HTTP, HTTPs, TELNET, FTP, SSH and showing if user sensitive data (like username and passwords) can be captured by anyone monitoring the traffic or not in each of them.

Problem Statement 2: An organization wants to keep track that its employee's access what all websites in their day to day life. Your task is to identify the top 3 websites being visited by the employees collectively as a whole. This can be simulated using a packet sniffer tool such as Wireshark. Try to capture packet in your system for about 4-5 hours each and collectively based on the IPs and MAC addresses of the systems, analyze the top 3 regularly visited websites.

File Name Formate: Name_Enrollement (if not proper formate submission may not evaluate)

Submit: (in a zip file)

1. Report file in Pdf format
2. Code along with data, with the guideline to run (Readme file)

Report contents:

1. Report length [minimum 10 pages]
2. System Configuration
3. How report has organized.
4. Describe briefly how you have done the experiment
5. The results (tabular form and Screenshot) obtained and the inferences that you made.
6. Mention guideline to run code.
7. Mention Contact no. (for query regarding assignment if necessary)