CN Project Title: GUI Based Network Tool Sniffer

Project Supervisor: Sir Shoaib Raza

- **Member # 01: Syed Baqar Ali Zaidi (19K-1033)**
- **Member # 02: Khubaib Alam (19K-1050)**

Project Description:

Network packet sniffer is a desktop application that monitors all the coming traffic over the network on run-time.

- Real-time packet capturing
- Packet Decoding
- TCP/UDP filtering at Transport Layer
- IP Filtering at network layer
- ICMP Filtering at network layer
- Application layer filtering for HTTP, HTTPS, Telnet, SMTP
- Exporting to a file in a user readable format

Plan of Work:

Khubaib Alam (19K-1050)	Syed Baqar Ali Zaidi (19K-1033)
TCP/UDP filtering at network layer	IP filtering at network layer
ICMP packets sniffing at network layer	Application layer packet sniffing for HTTP, HTTPS
Application layer packet sniffer for Telnet, SMTP	Exporting to a file in a user readable format