**Handout 1 – Network scenario sheet**

Consider the scenarios provided below. For each, identify and specify the network size, topology, model and level of security.

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| **Scenario** | **Network Size** | **Topology** | **Model** | **How Secure** |
| A school | LAN | Star | Client-server | High (Secure with internal security policies) |
| Home | LAN | Star | Peer-to-Peer | Moderate (Dependent on user security measures) |
| Small business with 20 staff | LAN | Star | Client-server | High (Secure with professional IT solutions) |
| University campuses across a city | WAN | Mesh | Client-server | Very High (Highly secure with advanced protocols) |
| Public Wi-Fi in a shopping centre | LAN | Star | Client-server | Low (Vulnerable to public access risks) |
| Military base | LAN/WAN | Mesh | Client-server | Very High (Extremely secure with advanced encryption and monitoring) |
| Mobile phone connection using Bluetooth in a car | PAN | PAN | Peer-to-Peer | Moderate (Dependent on Bluetooth protocol security) |