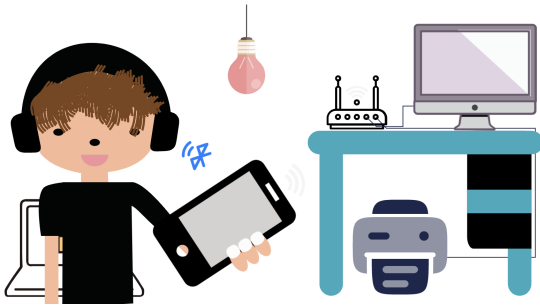
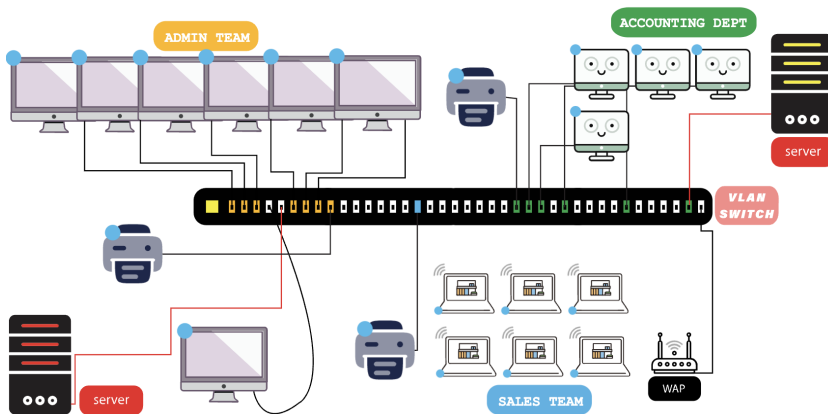


Personal Area Network (PAN)



1. Identify 2 characteristics of a Personal Area Network

[2]



2. A company needs to separate its network into smaller subnetworks because there is now a lot of network traffic at certain times of day, slowing things down.

Explain why the company should consider developing a Virtual LAN instead of the current LAN infrastructure.

[3]

3. Name one item of technology required to implement a Wireless LAN (W-LAN).

[1]

4. W-LAN uses wifi and the transmission medium is air. LAN uses Ethernet cables and the transmission medium is copper wire. Which one is faster?

[1]

5. Outline **one** reason why protocols are used in communications between computers.

[2]