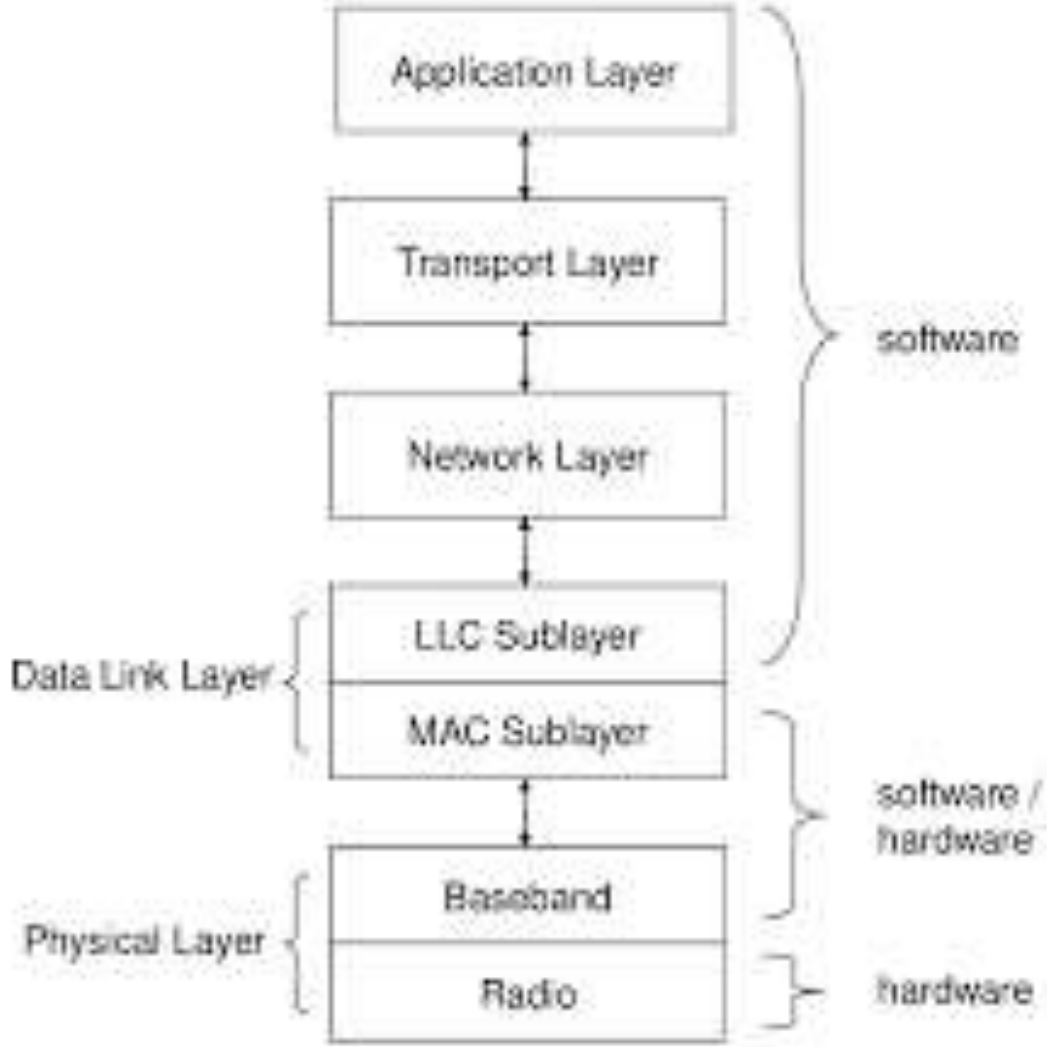
Wireless network protocols

- Wireless network protocols are the rules and standards that govern how wireless devices exchange data.
- The most widely used wireless network protocols are based on the IEEE 802.11 family.
- which defines the physical and data link layers of the network.

ARCHITECTURE OF WIRELESS NETWORK

- Wireless network architecture refers to the way wireless devices communicate.
- There are two main types of wireless network architecture

1. infrastructure
2. ad hoc.


Application Layer
Transport Layer
Network Layer
LLC Sublayer
MAC Sublayer
Baseband
Radio
Data Link Layer
Physical Layer
software
software / hardware
hardware

PHYSICAL LAYER

- The physical layer is the first and lowest layer of the Open Systems Interconnection (OSI) communications model.
- The physical layer's function is to transport data using electrical, mechanical or procedural interfaces.
- OSI is a reference model used to show how applications communicate over a network.