Bluetooth connection praces:

Irquiry when july po dapole &

-> If two bluetooth device know absolutely nothing about each other.

-> inquiry toy to discover the other.

paging .

-> Forming of connection lulw two bluebooth device.

→ lannected ( Different modes)

Soluetooth connected imade

Active mode

-> Regular connected mode

→ Sniff mode

-> power saving mide

Hold made

-> temporary power saving mode

= Feature	Bluetooth classic		parik
Number of channel	79 channels bath of width	40 charnols tach of	pank mode
Stranding	1MHz		
Spreading	Frequency Hopping Aproad	Frequency Hopping	5
8 11	spechum (FHSS)	Apread Apethum	modes
Data link layer	TĐMA -	toma .	0
protocol	日 日 日 日		3
	& bit CRC	24 lit cre, Acks	
Error detection	& bit ckc	1 世紀 子童 1	意 章
0 = 1	C + 1 E	unlimited	
Maximum no af device active Navas	7	WHITH ILE	2 66

## Zigboo tommunitation

- -> ziglac is a IEEE 802.154 based specificati
- High-level communication protocols
- -> Used to treate. PAN
- -> tonsumes los pacon
- -) loss effective wineless technology
- wireless adhac network.

	Zigbee 1888 800.15.4
Dipplication	'tonhol' ourd monitor.
Frequency boards	2-4,61Hz, 868 MHz, 915MHz
V	20-250 kbps,
Rarye	1-75 and more.

application on se

of cases was nich caller fress -

- trait means of miner

Zighoe device types Zighee loordinator (zc) Zighte Routon (ZR) Ziglore End device (ZFD) and the man of zigloce lourdinator -> lapable device . -) Stores information about the network -> Trust centre is repossitiony for security Kays. Aghoe routon -> Running an application function act an immediate vouter. -> powing data on from other devices. Zighee end device -> lannot relay data from other device -> long battory life - least amount of morroy

## - ) To manufacture than a zpor zc.

WIFI communication



1P based communication

-) Utilizes the IEEE 802.11 Atd

-> Range 66 feat from Ap

-> 2.461Hz WIFI upto 450 Mbps

-1 5 GHz WIFI upto 1300 Mbps

WIF! Communication

	WIFI LEFE 802.11
Applitation	Wiroless LAN
Frequency	2.4 G1Hz
Battay life	D-1-2
Bardwidth	2-100Mbps