			Hub	Consist of multiple ports	
	Topology : physical layout of a			Send data to all ports	
	network	_	Switch	Send data to exact port	
			Router	Join multiple networks	
			Intermediary between networks		
	Small geographic area Tanal to accomplish to accomplish to the second state of the se				
	LAN (Local Area Network)	Tend to use private connections as opposed to leased communication lines.			
		High data-transfer rate			
		Client-Se	rver mode		
		Wi-Fi	Exchar	nge data using radio waves	
	WLAN (Wireless Local Area	Small geographic area			
	Network)	No wire	No wire		
		Logical se	parate netv	vorks	
	VLAN (Virtual Local Area Network)	Partitionin	g of resour	ces	
		Independe	ent on medi	um and physical topology of the network	
	WAN (Wide Area Network)	Large geo	ographic ar	ea	
	WAIT (WIGE ATEA NELWOTK)	Uses leased communication lines.			
	A collection of pri	ivate comp	outer netwo	rks within a place	
	No accessible to outside, firewall is used				
	Global WAN				
	Internet				
	Decentralized by design				
	Access must go through a commercial internet service provider (ISP)				
	Allow outside to Extranet	access pa	rt of the LA	N or WAN	
	Firewall is used to control the access rights				
		Secur	e (data ofte	n encrypted)	
	VPN (Virtual Private Network) Connect geographically separated offices of a busy within a network with all the functionalities of a single-				
	(W)PAN ((Wireless) Personal Area Network)			hich consists of computers, es, iPod, headphones etc.	
		USB/Bluetooth are used instead of hub/switch			
	P2P (Peer-to-Peer)			rivileged, equipotent (of the ipants in the application.	
		Decentr same tir		n client and server at the	
	GAN (Global Area Network)		rk where th	e nodes are spread out globally. ternet.	
	SAN (Storage Area Network)		e access to		
		appea	rs as a devi	ce to the OS	
	Internet A network of networks				

3.1.1 Different kinds of

Networks