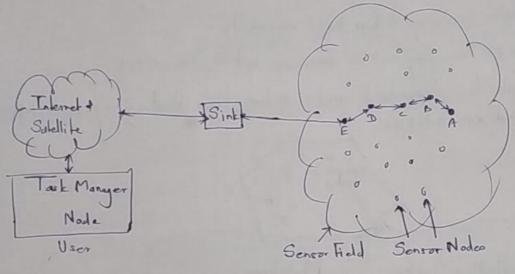
Wirdess Sensor Network

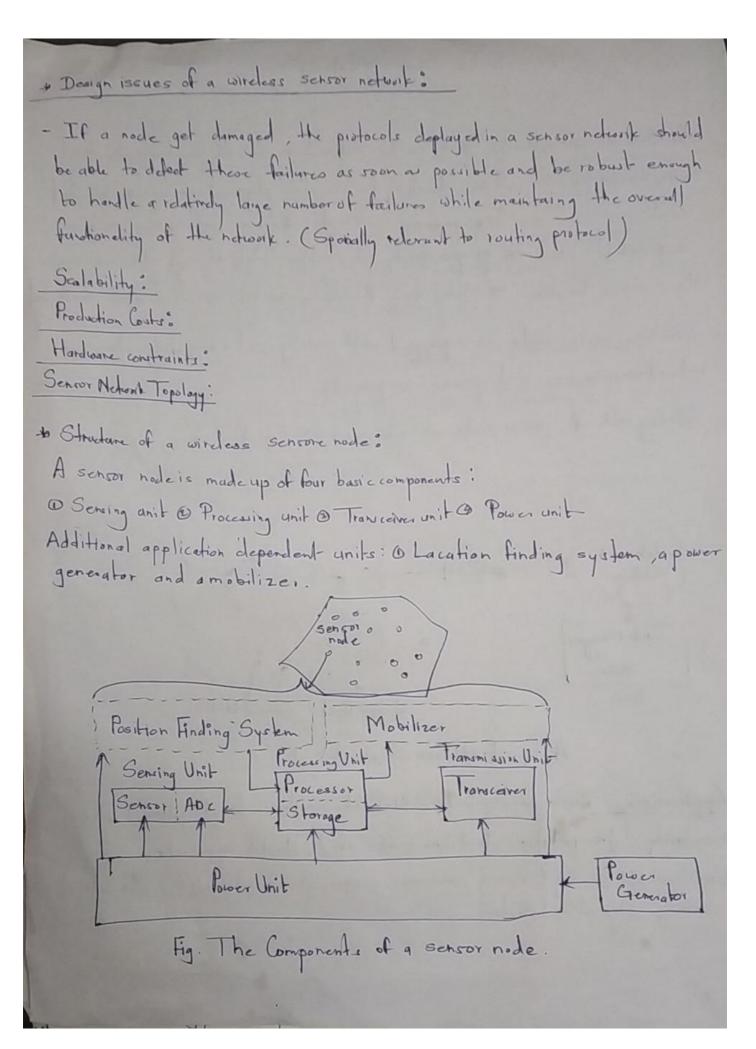
Wirdess sensor networks (WSN) can be defined as a self configured and infrastructurcless wireless networks to monitor physical or environmental conditions, such as teemperature, sound, viloration, pressure, motion or pollutants and to cooperatively pass their data through the network to a main location or sink where the data can be observed and analysed Wireless serior hade is equipped with sensing and computing devices, radio transceivers, and power components.

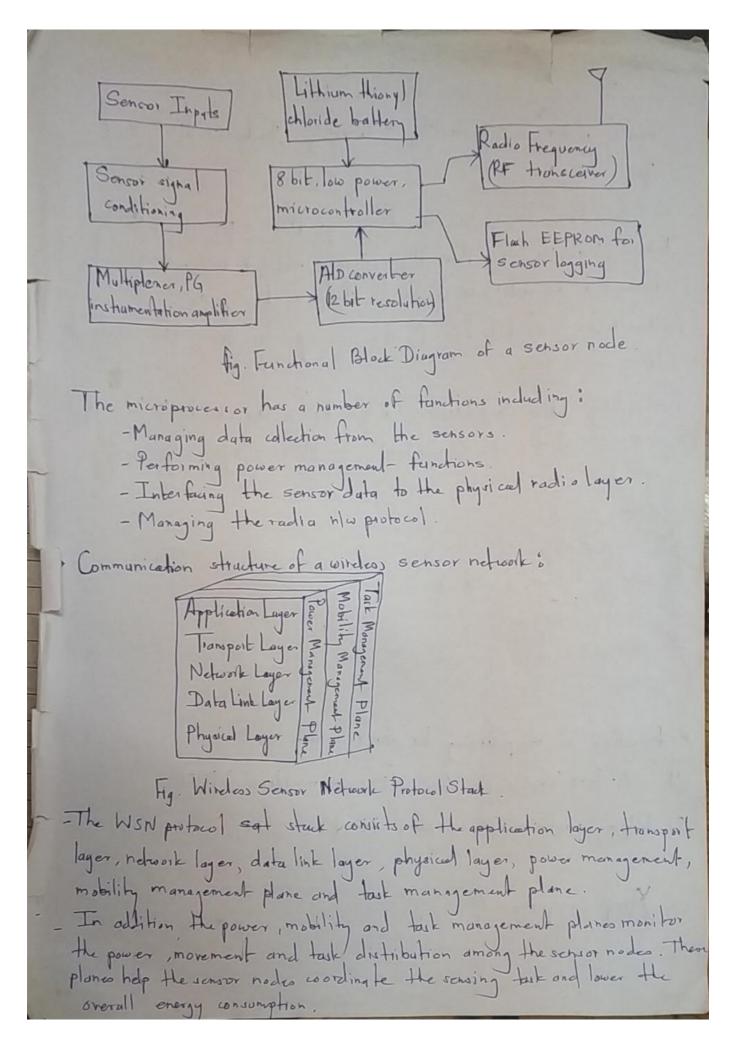
Working mode of sensor node @ Continuour @ Event driven



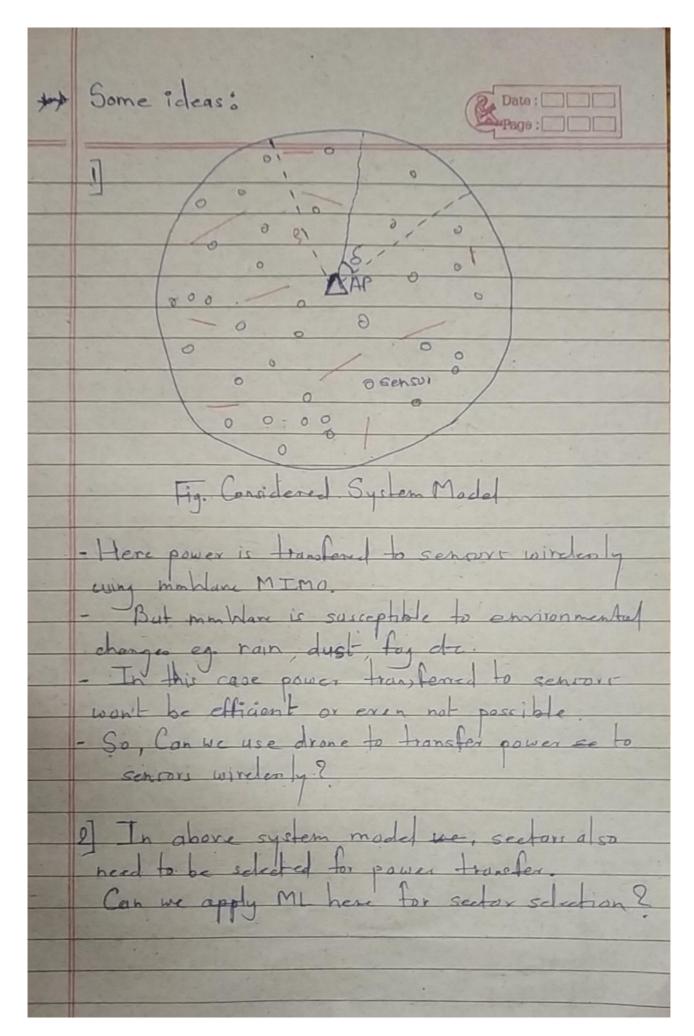
A Typical Wirdes Sensor National

Applications o Military applications (buttlefield surreillance, target systems), Area monitoring, Transportation (Real time truffic info), Health applications, Emironmental Sensing (Sensing volcanoes, oceans, glaciors, forest che), Industrial monitoring, Agricultaral sector





* Security issues in wireless school network: Security goals: Confidentiality, Integrity, Authentication and Availability. Confidentiality: ability to conceal message from a passive attacker Integrity: ability to confirm the message has not been tompered, altered or changed while it was on the network. Authentication: need to know if the messages are from the node it claims to be from. Availability: It is to determine if a node has the ability to use the resources and the niw is available for the messages to move on. * Routing issues: @ Node deployment @ Energy consamption without losing accuracy. 1 Fault Tolerance. @ Production Cost. * Further I am planning to do research on: Wireless Power Transfer (WPT) in mmWare WSN. Righing protocols in mmWare WON Any suggestions ?



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