**PROBLEM DEFINITION:**

Remote health monitoring can provide useful physiological information in the home. This monitoring is useful for elderly or chronically ill patients who would like to avoid a long hospital stay. Wireless sensors are used to collect and transmit signals of interest and a processor is programmed to receive and automatically analyze the sensor signals. In this project, you are to choose appropriate sensors according to what you would like to detect and design algorithms to realize your detection. Examples are the detection of a fall, monitoring cardiac signals.

The applications of the automatic wireless health monitoring system mainly include the following.

* The wireless health monitoring system is used to transfer the data from the TX section to the RX section wirelessly.
* The proposed system mainly focuses on the situation where the doctors and patients are at the distant location and it is very important to give the entire details about the heartbeat and the temperature of the patient to the doctor.
* Besides this, if made particular changes in this project, it can also be applicable for acknowledging the students with the fastest mode of information about certain notices.