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A great demand of today world is to get everything within a very short time. At present situation, people want to realize their current health condition and also want proper care rapidly at their home.The rising thought of the Internet of Things (IoT) is quickly discovering its way all through our modern life, aiming to enhance the quality of life by associating numerous smart devices, technologies, and applications. Overall, the IoT would allow for the automation of everything around us. The main objective of the project was to design a remote healthcare system with healthcare assistant. It’s comprised of five main parts. The first part being, detection of patient’s vitals using sensors, second for sending data to cloud storage and this can be monitored from anywhere in the world over internet., the third part was providing the detected data for remote viewing. Remote viewing of the data enables a doctor and guardian to monitor a patient’s health progress away from hospital premises and also send an email/SMS alert whenever those readings goes beyond critical values, fourth part is the two-way communication the doctor can send required prescription to the patient or guardians through SMS or Emails, and the last part was the virtual health assistant which can interact with the patient to take their medicine on time and give some suggestions about their current health condition and also it communicate with the patient to avoid the loneliness.