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Smart I Robot for Health Care System by using SW Framework and IOT

Prof. Akshay Pathare¹, Mr. Dnyaneshwar Kshirsagar², Mr. Shriraj Wadekar³, Miss. Harshali Motirale⁴, Miss. Neha Deshmukh⁵

Prof. Dept. of Electrical Engineering, Amrutvahini College of Engineering, Sangamner, India¹ Students, Dept. of Electrical Engineering, Amrutvahini College of Engineering, Sangamner, India^{2,3,4,5}

Abstract: The proposed IoT-based automated healthcare monitoring & sanitizing system, mainly deals with complete COVID-19 care precautionary measures as well as reduce receptionist work to check BP, temp of patient. The automation of systems for everyone is turning very frequently in the present. Along with sanitizing, this project aims at providing contactless temperature & pulse rate monitoring using thermal sensors & heart beat sensor within the same system. There are various alert indication mechanisms that would be used in this system along with a cloud-based and app-based approach. Providing the best solution to this is the aim of our project. The design depicted shows the preventive measure that can be taken during the COVID-19 pandemic in the whole world. Sanitizers have become the most significant commodities right now. By the new rules and regulations given by WHO vigorous sanitization is needed to survive. The design gave the solution for the problem stated. The design introduces an IOT based automatic hand sanitizer and temperature as well as heart beat sensing system place on moving robotic machine which control by wirelessly. Here to give instruction to newcomers we provide some recorded audio to play as well as LCD display to show instruction as well. This robotic machine can be move by using Bluetooth based wireless system

Keywords: IOT Web Server, Pulse Rate Sensor, Contactless Hand Sanitizer, Movable Robotic Vehicle, Automation.

aluable suggestions were very helpful.

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