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Invention Title	IOT BASED OMICRON EMERGED IN A COVID-19- TESTING BOOTH ENABLED WITH THERMAL IMAGE DETECTION OF VISITOR
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Abstract:

In this present pandemic COVID19/OMICRON period social separation and appropriate temperature checking is highly vital for controlling the viral spread. For divers humans are in direct contact with different publics that is extremely considerate problem. The above said issues can be resolved through an archetype device it can u screen the body temperature and retrieve data will be uploaded to the server along with the prefixed mobile number of the consumer based on an IoT device. This d highly applicable in different sectors including factories, banks, schools, colleges and also applicable in shopping malls. Directly all associated data concerning tempe body, captured images, location, can be detected using a detector and send the data to the mobile or computer of the owner. This IoT based security device can able the record for diverse visitors along with the results of thermal screening. Overall, the present device is highly applicable in this present pandemic situation through t can evade the touch of human and decline the rate of spreading virus and delivers significant management of COVID-19. Moreover, IoT based smart security system with solar power will be spontaneously alert the consumer while meeting the visitor in their sites along with that it provides the visitors location whether they are arr highly infected regions are containment area.

Complete Specification

Claims:1.   The smart security system and OMICRON testing booth will be performed to keep up with social removing with legitimate security really taking a look conventions also implies on contactless OMICRON testing booth setup based on IoT.

2.   According to claim 1, wherein the automatic disturbing framework if any guest come and furthermore educate to keep abrupt separation.

3.   According to claim 1, wherein the temperature checking through warm picture cycle and get information to portable or PC through IoT.

4.   According to claim 1, wherein framework dynamic if guest come from control zone or exceptionally influenced region.

5.   According to claim 1, wherein the framework all related data will be brought to the position or proprietor has predefined versatile or login id. This framework w distinguish if any guest come before security door and on the off chance that extremely close (less 5 feet) to the framework, a caution we be dynamic which is displ until keep legitimate separation.

6.   According to claim 1, wherein the framework catches warm picture through picture handling module and bring information to the cloud by Node MCU. This fra given notice in case it is higher predefined temperature. The framework gets some information about last area or predefined ID number to check guest leaving plac is under regulation zone/red zone or not.

7.   According to claim 1, wherein the system of developing OMICRON testing Booth entails of a speaker and camera grouping motorized by a raspberry pi founded organizer and functional circuit board. Moreover we use a button and keypad interface with the organizer for treatment person ease.

8.   According to claim 1, wherein the framework is impeccably appropriate in Covid19/OMICRON pandemic circumstance. Presently it is a lot of crucial for quit spr infection and this framework will assist one with venturing forward to that mission.

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