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Patent Search

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Abstract:

The application discloses An Intelligent System to Detect COVID-19 Protocols; this system is design to detect covid-19 suspicious person using Image Processing syste system contains a more than one camera, thermal camera which capture image and send to processing unit, processing unit check the body temperature, facial mas unit check body temperature with a normal human range and face mask found on person then it moves for further processing by keeping on sanitizing sparkle for 1- otherwise processing unit alarm for notifying covid-19 suspicious person.

Complete Specification

Claims:We Claim

1. An Intelligent System to Detect COVID-19 Protocols figure 1 (102) helps to detect and display temperature of person.
2. An Intelligent System to Detect COVID-19 Protocols figure 1 (103) helps to detect whether a person wear mask or not.
3. An Intelligent System to Detect COVID-19 Protocols figure 1 (104) helps in generating alert if person is not wearing a mask.
4. An Intelligent System to Detect COVID-19 Protocols figure 1 (105) helps to sprinkling a sanitizer only if person is wearing a mask.
5. An Intelligent System to Detect COVID-19 Protocols figure 1 (103) helps to show number of counts of persons entering through main gate.
6. An Intelligent System to Detect COVID-19 Protocols figure 1 (103) helps in determine whether persons entering through main gate in front of system are maint: social distancing or not, if not then give alert.
7. An Intelligent System to Detect COVID-19 Protocols figure 1 (103) also helps in collecting good quality face images dataset which can further used for facial recc research projects.
8. An Intelligent System to Detect COVID-19 Protocols figure 1 whole system also takes a record of every person like face image, temperature, time when entered can helps in eliminating record book maintaining by security at entrance

, Description:FIELD OF THE INVENTION

Embodiments of the present invention relate to surveillance techniques, and more particularlv to systems and methods for automatically detecting objects as well.

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