Contact Less Elevator Based on Hand Gestures During Covid 19 Like Pandemics

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Abstract: *Today's all world the corona diseases are widely sprayed all country everyone has taken care from corona diseases; the problem is that existing elevator are touch based to up and down and corona sprayed widely in these environment time has become a precious resource. Therefore, completely different methods and techniques are perpetually being used all tools fields of life to avoid wasting as of your time. The aim of this project is to design contactless elevator using the hand-sign detection. We used the Convolutional Neural Network model in this paper to define gesture and control devices using particular gestures. Gesture recognition technology will be easy, powerful and secure in this covid-19 Pandemic situation. In this project we used Machine Learning Methodology to design new Technology. In this system user can show the hand in front of camera, system detect the user hand and recognition of particular hand sign, once process done then CNN algorithm classifies the sign to control the elevator.*

Keywords: Hand Sign Detetion, Elevator, CNN, Image Processing, Machine Learning. etc.

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