METHOD, SYSTEM AND DEVICE FOR SOCIAL DISTANCING AND CONTACT TRACING

Abstract

In one aspect of the present invention, a smart wearable device for alerting a user comprising, a set of sensors, a first communication module, a second communication module and an alert unit. The set of sensors are capable of monitoring one or more user activities of a user, and recording sensor values. The first communication module capable of communicating to a mobile device, wherein, the smart wearable device is paired with the mobile device through the first communication module and enters "non-discoverable" mode when connected with the mobile device. The second communication module capable of, searching and scanning the current location of user for one or more devices of other users in the range and identifying the distance between the smart wearable device and one or more nearby devices of other users through the corresponding received signal strength indicator (RSSI) values between them and wherein, the second communication module remain in 'discoverable mode' and the alert unit capable of alerting the user by means of vibration or voice output, when the distance between the smart wearable device and one or more devices of other users comes within a range of 5m.

[FIG. 3B]