**COVID-TRACKER**

**1. ABSTRACT**

COVID-19 is a communicable disease caused by a newly discovered coronavirus in early 2020 which causes respiratory disorders. We noticed that the majority of cases were reported through contact and decided to figure on something “contactless”! Currently, most shops are employing a manual mode of registration which may be a cause for spread. The most threat of health authorities is to form a route map of an individual who is tested covid-19 positive. So, we are here with an alternate way in our proposed system. We are creating a system in which the temperature of an individual is being verified. If the measured temperature is normal, a QR code is going to be displayed on our system. The generated code is scanned by the customer through our web application which had already been signed in by the customer. The entry time of the customer alongside the shop details is being recorded to our database as soon since it is scanned. Similarly, the exit time is additionally being recorded because the customer confirms his exit via the button. Through this, if an individual is found positive it might be easier for the authorities to border his route map and thereby restricting its spread to an extent.

**2. STATEMENT OF INVENTION**

In this pandemic situation, the main threat faced by health authorities is to form a route map of an individual who is tested covid-19 positive. So, we are here with an alternate way. In our proposed system, we have invented a system that verifies a person's temperature and accordingly records his details just by the scan of a QR code displayed at the shop. We have tried our best to make it completely contactless in which the customers will feel safe and comfortable in registering their visit.

**4. OBJECTIVE OF THE INVENTION**

1. Our objective of the invention is to develop a contactless and effortless temperature and information retrieval system.

2. Replace the manual mode of temperature verification and data entry by the personnel.

3. This system consumes less power and is useful in verifying the temperature and records user details. Using their own devices makes it safe and encourages them to cooperate.

4. Bring in a system to make tracking easier and efficient.