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(57) Abstract :

Keeping a safe distance from other individuals is crucial during this present epidemic. In certain aspects, it helps prevent the spread of COVID by measuring the distance between those afflicted with it. We're designing a robot that can recognize when individuals in lineups are socially distancing themselves from one another. It uses a two-wheeled configuration to propel itself forward. Its key functions include following the line and checking for infractions of social distancing. The robot follows the line and utilizes infrared sensors to identify infractions as they occur. Adding an ultrasonic sensor to the robot's body is why this. Detecting obstructions in its route is now possible thanks to this. An ultrasonic sensor separates two persons in a queue on the robot. The robot sounds a bell and sends a warning when two persons are found close together. When anything like this happens, the camera sends out a warning and an image of what happened. Those who gain them do so. Viruses cannot spread because of this project's capacity to keep people in line, viruses cannot spread.

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