

### ABOUT BOOK

In the scenario of a COVID19 pandemic, visitors should have their temperatures checked to identify fever before entering the city via airports, train stations, or even at highway toll booths. Thermal screening is required at shopping malls, multiplexes, supermarkets, and other locations before allowing guests entry. The three subsystems in this book are the Human Presence Detection System, Temperature Measurement System, and automatic door access control with display. The book is about embedded systems and how they may be used in a variety of real-world applications using Arduino software. The suggested system uses an IR sensor to identify a person, and if a change in temperature is observed, the control unit (8mega 328 microcontroller) sends a control action to the relay driver unit, which subsequently activates the door.

### ABOUT AUTHOR



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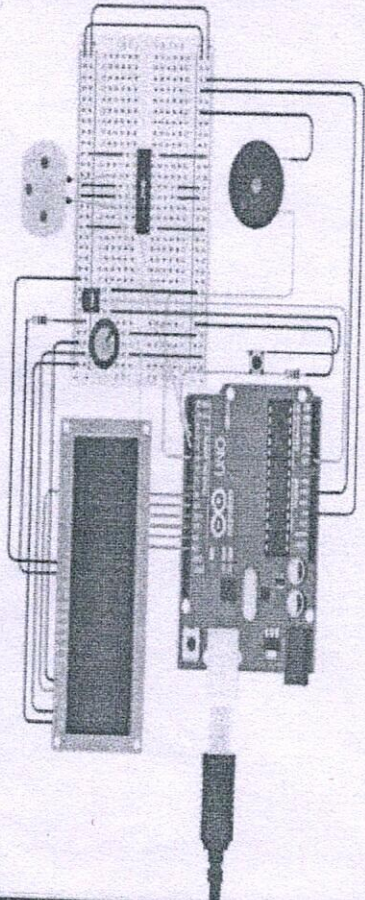
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## Human Body Temperature Sensing Smart Door Design

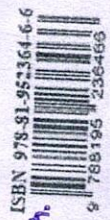
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