

FINAL REPORT

TOPIC: CONTACT LESS DOOR BELL

DOMAIN: IOT(INTERNET OF THINGS)

Name of group members:21102-Siddhant Shendge

21112-Shubham Kambale

21142-Hetvi Patel

21147-Pranjal Chaudhari

21161-Shriya Patil

Guide name: Prof. Chaitali Shewale

REQUIREMENTS:

SFTWARE	HARDWARE
Aurdino Uno IDE	Raspberry pi, Ultrasonic sensors
	Diodes, buttons, switches, wires, Wifi Module, LCD Screen, Camera module, PCB board, connectors, Transistors, Screws and fittings

PROBLEM STATEMENT:

During this covid situation, we are taking a lot of precautions to save ourselves from coronavirus, but there are high chances of carelessness which might lead to consequences. The idea behind this project was basically to reduce the spread of the virus, when someone enters our home the first thing that comes in contact

with that person is our doorbell, and it's not always possible to sanitize everything around us. So why not transform our traditional bell into a contactless bell, which eliminates the contact and hence reduces the chances of spread.

MODULES OF THE PROJECT :

MODULE 1:

Designing and implementation of Doorbell system

MODULE 2:

Designing and implementation of doorlock system.

MODULE 3:

Combined implementation of module 1 and module 2.

Status of completion of project:

Module 1 is implemented

Module 2 and 3 will be implemented in next semester.