

8/25/20

8/25/2020

Item 1A

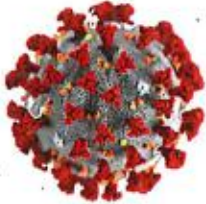


DOOR KNOB SANITIZATION

RITIZE

By: Ritvi Ranka
Junior at Monta Vista High School

1



PROBLEM STATEMENT

- 1 COVID-19**
Main way for the spread of this virus is transmission by touch
- 2 Stop the Transmission**
Evident that Social Distancing, Contact Tracing & Hygiene is the solutions
- 3 Hotspots**
Doorknobs are hotspots of bacteria
- 4 Focus**
Focus is door knobs in the various public spaces.

2



RESEARCH



CBS News
"One germy doorknob can infect and office space within hours"

Worcester Polytechnic State
WPI, gathered that 1323 bacterial colonies were displaced among 27 door handles

3



SOLUTIONS?

Sensor-based doorknob sanitizer
Ritvi + Sanitize = Ritize



4



DEMO

Short demo video to explain the device in depth



5



PILOT


Office Spaces	Doctor's Office	Clinics	Senior Homes
Predikly (Startup): Fremont, CA	Dr. Provin Chopra MD: Mumbai, India	Sunflower Dental: Dublin, CA De Anza Smiles: Cupertino, CA	Los Terraces of Los Gatos: Los Gatos, CA
			

6



NEXT STEPS


Workspaces



Hospitals




Schools



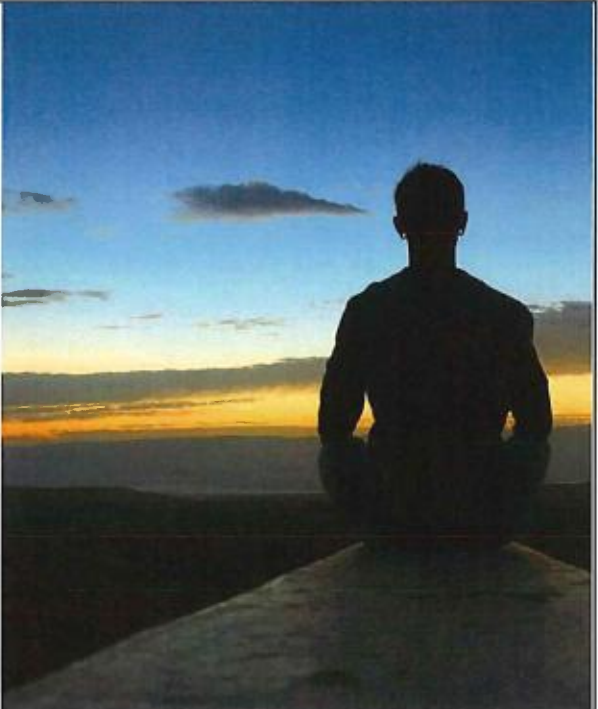
AND MORE...

7



VISION

- Implementation of Ritize
- Girl Scout Gold Award
- Work with kids to encourage stem based learning to teach them how to make devices at home
- Bring back the workforce



8

WEBSITE

www.ritize.com 

- root cause
- research
- DIY videos for people to make the device at home



ritvee@gmail.com

9

THANK YOU

Q&A

10