

DESIGN EXHIBITION 2022

MAKINAR  
HUB

College of Creative Arts, UiTM Kedah Branch

# INDUSTRIAL DESIGN

DESIGN EXHIBITION 2022  
**MINOARREKA**  
**HYBRID**  
College of Creative Arts, UTM Kedah Branch

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MINDAREKA  
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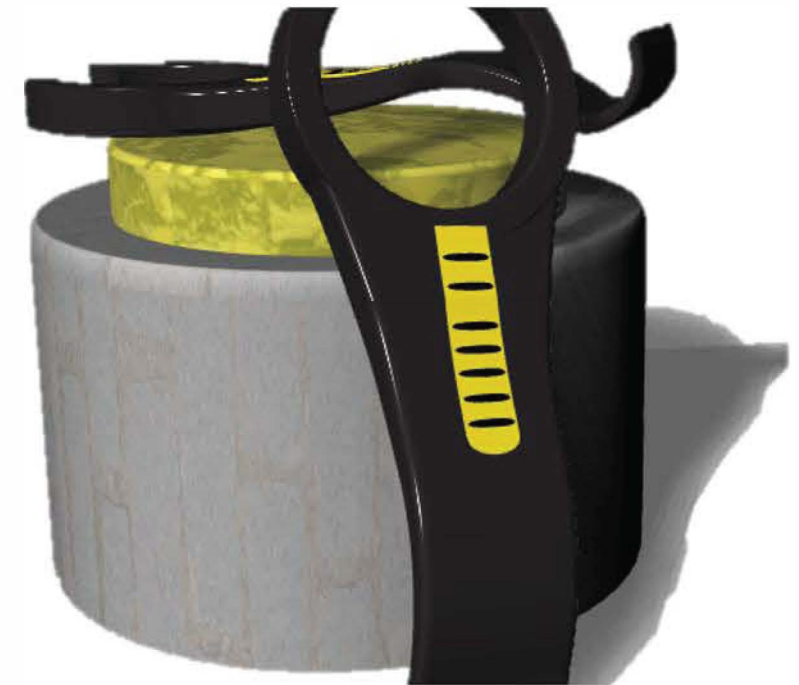
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## CONTACTLESS PORTABLE

(PRODUCT DESIGN)

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After the Covid-19 pandemic, common activities performed with how many changes due to standard operating procedures (SOPs). One of its activities is related to doorknobs or door handles that are likely to be affected by the surrounding ventilation which may have viruses that affect our condition. Most likely the risks involved are quite dangerous.

CONTACTLESS PORTABLE is it can reduce the rate of contact on any door knob to avoid getting a virus infection. The main function is to prevent the hand from encountering the doorknob or handle. The objective of CONTACTLESS PORTABLE is to reduce the rate of hand contact on the door knob to prevent viral infection. Online questionnaire with 16 questions is given to 26 participants virtually. This survey is used to acquire relevant information from the respondents regarding their behavior before, during and after sanitize hand when holding the doorknob, how many times do you always leave your house or hostel each and things of activities do before holding the door knob after leaving and before leaving the house.

Based on the online survey, it is shown the most respondent has never use sanitize after or before leaving the house or hostel. Laziness in using sanitize when holding the door is an understatement on the consume. Hopefully, this product can reduce the risk of infection after using the product. The advantages of this product in addition to ergonomics and durability. This product may feel new to us, but this product has two functions, the front to open the door knob while the back for the holder the door in the current issue, it provides an alternative option to people.

**TOSHIBA**



**JKKN**  
JABATAN KEBUDAYAAN  
& KESENIAN NEGARA

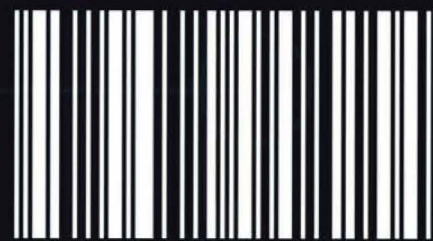


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