

DESIGN DECODED 2021 : ART EXHIBITION



*Decrypt your
visual creativity*

DESIGN DECODED 2021 : ART EXHIBITION



Strategic
Partners:



Lembaga Muzium
Negeri Kedah



Suan Sunandha Rajabhat
University, Thailand



Far Eastern University
Philippines



Hanseo University
Korea



كليات التقنية العليا
HIGHER COLLEGES OF TECHNOLOGY

United Arab Emirates

DESIGN DECODED 2021 : ART EXHIBITION



Copyright ©2021
by the Faculty of Art and Design,
Universiti Teknologi MARA (UiTM) Kedah Branch

All rights reserved. No part of this publication may be reproduced, copied, stored in any retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission from the Rector, Universiti Teknologi MARA (UiTM) Kedah Branch, 08400 Merbok, Kedah, Malaysia.

The views, opinions and technical recommendations expressed by the contributors are entirely their own and do not necessarily reflect the views of the editors, the Faculty or the University.

Cover Design : Neesa Ameera Mohamed Salim
Layout Design : Neesa Ameera Mohamed Salim
 : Syahrini Shawalludin
 : Abdullah Kula Ismail

Chief Editors : Neesa Ameera Mohamed Salim
 Faryna Mohd Khalis

ISBN 978-967-2948-13-1

Editors : Ts. Normarziana Hassan
 Juaini Jamalludin
 Syahrini Shawalludin
 Siti Fairuz ibrahim
 Abdullah Kula Ismail

Printed by

Sinaran Bros. Sdn Bhd (No. 3968-X)
Percetakan-Offset-Digital-Penjualan
5-3-18, The Promenade,
Permaisuri Mahsuri,
11950, Bayan Baru,
Pulau Pinang, Malaysia
sinaranbros.digital@gmail.com

Nur Awatif Yashak Norarifah Ali

LYVIB

In 2020 a significant threat to public health emerged. The novel severe acute respiratory syndrome coronavirus 2 SARS-CoV-2 epidemic outbreak emerged in December 2019 from Wuhan City, Hubei Province, China and eventually the outbreak has spread to the rest of the world. This disease was named COVID-19 by World Health Organization. To date in 17th April 2020 a total of 2,230,439 cases of COVID-19 is 150,810 cases of deaths and 564,210 recovered cases have been reported worldwide. The outbreak of COVID-19 from a Malaysian perspective was explored and mental health care during the COVID-19 outbreak was explored. To date, there is no vaccine or no specific treatment for COVID-19. Therefore, preventive measures are very important to prevent and control the rapid spread of the SARS-CoV-2 virus.

Preparedness should be a priority for future pandemic outbreaks. In this pandemic issue our life has totally changed and we have to live in this new normal life. Everyone need to practice a social distance when they go out especially for elderly person because they are at a high risk to be infected by the virus. Through the designer's research on this pandemic issue, she found out the idea to design a new product to solve this problem. Many elderly people and their children are not afraid of this virus and they do not know how the virus spreads and how dangerous the virus is. After doing the research in depths the designer found out that most of the elderly in Malaysia have a chronic disease like high blood pressure, kidney disease, heart disease and other illnesses. So, after doing a research and distributing the questionnaire analysis, designer decided to create a social distancing tool for elderly person to make them follow the rules which has been set by MOH to keep a distance of 1 meter while in public places or crowded places. The objective of this product is to secure elderly people by maintaining the distance, to avoid elderly people from being in crowded places, to ensure the safety of elderly people from the virus. The concept that designers used for this product is Hi-Tech. The reason why the designer chose this partial style is because nowadays many people like the product that follows the passage of time. The design of this product is simple and

compact. This is very suitable for elderly people because many of elderly people do not want the crowded design. The target that designers aim for is elderly people in Asian. Next, the mechanism that the designer used for this product is arduino nano, ultrasonic sensor, light, vibrating sensor, battery and lanyard rope. So, this product will produce the light and vibrate signal when people are coming closer to the user. After that, the designer needed to find the name of this product, so after thinking of the name the designer came up with the product name which is LYVIB. LYVIB is a combination from the name of technology which is light and vibration. LY is from light word and VIB is from vibration word.

Then, the model making process for this product designer using the 3D printing technique for making this product. The process of 3D printing is designer has to make a technical drawing and 3D drawing with actual size of the product. After finishing the 3D printing, designers have to sand the rough surface by using the sandpaper and put some duco to cover the blemished surface of my product. And after finish it, designer spray a duco spray to making the surface smooth before using a spray paint. The color that the designer chose is malacca grey and monsa red. To spray paint, designers have to spray layer by layer and make sure the first layer is dried. The technique of printing is debossing printing for the product name. In the end, the product are produce based on the criteria in the design process and the product can help the elderly from the infection of this virus and can help our country to recover from this covid-19 pandemic.



NUR AWATIF BINTI YASHAK
LYVIB

Acrylonitrile Butadiene
Styrene plastic (ABS)
950 mm x 950 mm
nurawatifyashak@gmail.com



LYVIB



DESIGN DECODED 2021 : ART EXHIBITION



ISBN 978-967-2948-13-1



9 789672 948131



UNIVERSITI
TEKNOLOGI
MARA

Cawangan Kedah
Kampus Sungai Petani

