

DESIGN DECODED 2021 : ART EXHIBITION



*Decrypt your
visual creativity*

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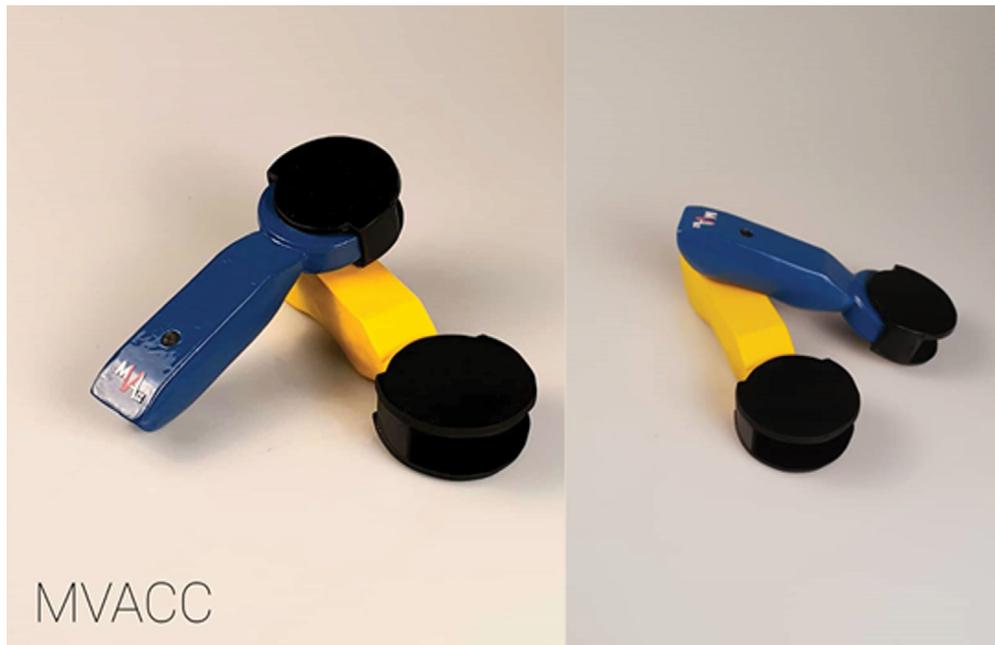
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MVACC

The world now facing a phase when they need to be careful when they going outside. This all happened because of the Pandemic Covid-19 that effect all country around the world. There will be no contact like hand shake or hug when we came across our friends. Every person in all kind of generations must follow new norm that state by the government to avoid getting infection by this dangerous virus. Everyone needs to learn and practice social distancing when they go out. And the main things that people need to do is wearing a mask everytime they come out fom the house. Mask become a must to protect ourself from the infection, for example when we speak to people outside, we never know they already infected or not, so by wearing a mask it help prevented the virus from infected exposed place of our body which is face. The virus will damage our respiratory tract, that is why mask are always needed. Even though people following the new norm, there is still a problems that arise and can not be avoided . This lead into lots of problems that occur solutions. When collecting the research about this pandemic, designer found a problem

that can be overcome by designing a new product. The problem statement in research is about the use of mask. Many articles showed pollution that caused by used mask. Used mask is very dangerous items to be thrown in public because it could be worn by infected person. This problem happened in every states in the country. After a deep research designer found out that not every places in public provide trash bin the problem is now we are required to wear a mask everywhere we go. So with the information in the research and questionnaire analysis, designer decided to create the vacuum for face mask that can be used by every person especially whom that change their mask 2 to 3 times a day. The objective of this design is to avoid people throwing the mask everywhere in the public which can cause pollution, and to reduce high risk of infection of used mask. The concept that designer apply in the vacuum is Hi-Tech. The reason Hi-Tech is chosen to be the main concept or partial style was because, nowadays, people depends on new technology to helps their life easier. So creating something that suits today lifestyle is very helpful to attract people into this product. Designer aims Asia to be the place to publish the product and become target market of the new invention. Then, the mechanism used in the vacuum tested and approved before set down in the product. After identify all the aspect from design, product usage and mechanism, then designer need to find a name that suit the product. MVACC become the brand name of the product that mix of two words which is Mask and Vacuum. Then, the model making process started with measuring a handle part on top of Styrofoam blocks and cut it. Then. Apply a poly putty with hardener to the Styrofoam surface and let it hard. Then smooth the putty layer using a sandpaper before apply a grey Duco automotive paint and then once again, polish it with sandpaper underwater to make the surface more shining like plastic. Other parts of the vacuum are made by PVC board and attach it together using 3 seconds glue. After all process had been done, the final stage is to cover the product by the color that already been decide in design development. The color chosen is black, blue black and yellow. Spray paint need to be apply layer by layer to smoothen the surface. In the end, the product turns out functional and followed the criteria in each design process.



NUR WAHIDA MOHAMAD YAHYA
MVACC

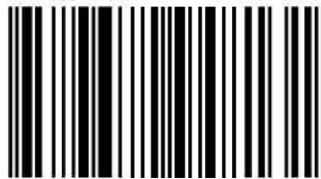
Styrofoam, poly putty and hardener, duco automotive paint
Spray paint
145 mm x 90 mm
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