

ABSTRACT

Mountain climbing activities are a sports activity that requires excellent physical fitness and there are many preparations or obstacles that climbers must overcome and conquer. In doing climbing activities, a lighting source such as a headlamp is one of the important equipment to carry and is quite effective, rather than relying solely on the light from a flashlight or lantern as a means of lighting that has a limited light distance. However, in the new normal era that we are facing, of course there are health protocols that we must obey when climbing mountains with friends. Therefore, the headlamp product, which was previously only used as a source of lighting, can also be expected to protect the user's face from exposure to bacteria or viruses that are spread in the air. This study uses a mixed method, which is a combination of qualitative and quantitative methods, and a design method that uses comparative product analysis. The results of this product design can provide solutions by designing products that are used for outdoors in order to better support health protocols, and this product design can become a symbol for the community to continue to carry out health protocols wherever we are. So that later there will be more products that support the health protocol and the awareness of maintaining health will increase.

Key Words: *Face Shield, Headlamp, New Normal.*