

ABSTRACT

The development of information technology from year to year makes activities such as work and school more advanced, both online and offline. Similarly, the number of users of technology devices such as laptop. In addition to the increase in laptop sales, sales of various laptop accessories also increased, one of which was the increase in sales of laptop stands. However, many customer reviews in the market complained that the problems with the laptop stand were related to the construction of the laptop stand that was not strong enough, the dimensions did not match the dimensions of the laptop, and the materials used in the laptop stand made this product less than optimal so that the stability of the laptop stand was not good. awake when in use. This design aims to redesign the existing laptop stand to make it more stable and more comfortable when used. The method used is reverse engineering by tearing down existing products and product testing existing laptop stands with six types of laptop with different dimensions. This study shows that the structure and material can affect the stability of the laptop stand when used.

Keywords: Laptop Stand, Laptop, Stability