ABSTRACT

Currently, a place for storing helmets is needed due to the increasing mobility of motorbike riders. However, existing products do not meet the needs of its users. This is proven by the low level of interest in helmet storage products, so motorcyclist still experience various problems, such as wet helmets due to rain, scratched helmets due to falls, and other problem. The existence of these obstacles can affect the comfort for the motorcyclist himself. For this reason, it is necessary to design a helmet bag that can meet the needs and desire of its users. The use of mixed methods and comparative studies in data mining, this design also uses the User-centered Design method and uses the SWOT method in the validation process. The result of this design is a helmet bag which has a simple design with one main compartment and a bag strap which has several functions such as a backpack, sling bag, and hand bag. With the design of a helmet bag product, it is hoped that it can meet the needs and daily activities, especially in storing and helping to carry helmets so that they are more effective and efficient.

Keywords: *Helmet, Helmet Bag, Product Design, Ergonomics*