

RANCANG BANGUN PROTOTYPE ALAT PENCUCI DAN PENDING HELM OTOMATIS BERBASIS IOT

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ABSTRACT

The increasing number of motorcycles from year to year automatically increases the use of helmets, seeing the importance of helmets for driving safety and the obligation for motorcycle riders. However, the helmet, which is always used as safety support, smells unpleasant and dirty. If it continues to be used, it will reduce the comfort for the user while driving. Given such constraints, helmets need to be dried and dried quickly and economically. This study uses a DC motor as a hairdryer washing as drying and DHT11 as temperature and humidity monitoring. Research design using experimental research design. The variable measured from this research is the ability to improve quickly. This sales system uses 3 buttons, namely light, medium and heavy washing. From the test results that have been carried out, the dryer and helmet dryer can slam the helmet with a time of 60 seconds for 1 helmet with a standard moisture content of 5%. The time required for the helmet drying process depends on the user choosing Light, medium, or heavy.

Keywords : Helm, Motor DC, Hairdryer, DHT11