

RANCANG BANGUN ALAT PENGERING SEPATU BERBASIS IoT

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ABSTRACT

Indonesia is a country that has a tropical climate. This tropical country is a country that has two seasons, namely the rainy season and the dry season. In the rainy season, it occurs phenomena will be experienced only during the rainy season. That is a phenomenon that will become a problem for people who are active outside the home, particularly in using shoes, for those who are active outside the home by walking and riding motorbikes. This problem arises because the shoes used get wet in the rain. Therefore, a shoe dryer was designed with a real-time Monitoring System based on the Internet of Things. This design aims to ease for shoe users to dry their shoes. This shoe drying process takes approximately 1-2 hours, depending on the type and humidity of the shoe, until it can be reused. Here, real-time monitoring is used to monitor the temperature and humidity in drying using the DHT11 sensor as a humidity detection medium.

Keywords: *Shoe dryer, Shoes, Controller.*