

# **Prototipe Lemari Pakaian Pintar (Lappin) dengan *Platform Mobile Web Application***

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## **Abstract**

Basically, human has three type of needs in order to live the daily life to the fullest, which are clothes, feast, and shelter. In this journal, there have been written about an explanation of a final assignment's product that called Smart E-Wardrobe (named Lappin). This wardrobe will be able to aid it's user to monitor every clothes that have been stored in it. Clothes that already embedded with Radio Frequency Identification (RFID) *tag* will detected once put inside Lappin. Then data that have been sent, will be received by web server, in order to update clothes information that will be shown on the website. Main fiture of Lappin is to show notification on it's website, in case there are clothes that has not been used for specifically long time and to create pop up notification that tell user if there are any older clothes that been stored inside Lappin. Based on application of RFID, embedded system concept, web server, and easiness of online access, hopefully this E-Wardrobe will become the solution to aid human's need of clothes storage managing in purpose of less money spent in fashion and maximizing both effectiveness and efficiency of our stored clothes.

**Keywords** : RFID, Embedded System, wardrobe, raspberry, wemos d1 r2

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