

ABSTRACT

Rain or erratic weather is currently a problem for people who are drying clothes outside the home. Usually clotheslines are often abandoned when people are traveling, so that when it rains no more time to lift the clothesline that is being dried outside. To overcome the problem when lifting clothesline if it rains or late at night so that it is not exposed to rain or dew, it is necessary to have an automatic control system to make a clothesline that moves automatically.

By designing tools ranging from using a FR-04 rain sensor to detect rain, a motor dc as a driver of the entry of clothes and arduino as the brain of the maker of the device, can be made to move clothesline automatically to move the clothesline when it rains down and at night.

Keywords: Clothesline drive, FR-04 rain sensor, DC motor, Arduino uno.