CANVASSES CLOTHESLINE

Abstract:

"Canvasses Clothesline" to protect clothes from wet rain because the rain they had to find and on the importance of the sensor. For each pair of the work, it is difficult to find a suitable time to determine the dress dry cleaned throughout the day due to inclement weather conditions, sometimes hot and sometimes rainy sudden. In Malaysia is above the equator, it causes the rain and humid conditions experienced during the year. This sometimes causes problems for housewives and others when lingerie suspension could not be lifted in the event of rain. In modernity, all using technology. From a small technologies highest level. Modern technology now seems to haunt all walks of life in the era. To ensure the project runs smoothly, the measures we need to establish systematic. So, we have two sensors, DC power supplies, DC motors and circuits that have been programmed for the project. If the environment is showing signs of precipitation, temperature, and light even when using two sensors. Two sensors is "Light Sensor" and "Water sensor" to detect light if the weather was a bit overcast and detect water when rainwater falls into the "Water Sensor". And this requires the "DC motor" to convert electrical energy into mechanical energy that can drag and drop the canvas to protect the clothes line. And the canvas will move and hang up clothes down and around. When the rain stopped, the canvas will be rolled out from under the belt of light effects. If not, it will stay outside under a clear day so clothes dry naturally. This project will make it easier for housewives and other people who have no home to complement their clothes on a rainy day.

Keyword: SENSOR, canvasses clothesline.

IP no: nil

Finding:

- i.To create clothes line that more practical for people having problem with time for picking up their clothes when rain.
- ii.To create clothe line that be able to we all to use the custom circuit as a project control tool for community.
- iii.Using the sensor water and temperature for to detect rain water and temperature humidity.

Suggestion for future work

Based on the weaknesses and shortcomings of this system, some improvements and improvements need to be taken and suggestion for future work are

- Suggested to add another factor of investigation that affected by the rain. Other factors are wind direction, relative humidity and atmospheric pressure. Hence, the prediction of rain will more accurate based on many factor are consider.
- 2. For software part, the improvement that can be included in future work is the users get information about weather changes and the automated clothesline canvasses operation via short message service (SMS). And solar from sunlight for save power supply.



Display of Power Supply 5V, 9V and 12V



Display of Temperature Graph of rain

Time	Changes for temperature	Temperature range
3 hours	No trend	32.22 °C - 34.25 °C
2 hours	No trend	33.10 °C - 34.96 °C
1 hours	Have trend	35.12 °С - 28.09 °С
30 minutes	Slightly decrease	32.82 °С – 27.13 °С
20 minutes	Slightly decrease	30.90 °С - 27.13 °С
10 minutes	Significantly decrease	30.14 °С - 27.13 °С

Summary of temperature to found temperature range



Display of sketch design for Canvasses Cloth lines

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