

ABSTRACT

People who have a car sometimes do not pay attention to the cleanliness of the car, because of the busyness that is so dense that people do not have time to wash their cars. Car wash is actually one of the solutions, so that car cleanliness is maintained, but the length of the washing process carried out manually is sometimes one of the reasons people do not use car wash services. People who have a car sometimes do not pay attention to the cleanliness of the car, because of the busyness that is so dense that people do not have time to wash their cars.

Car wash is actually one of the solutions, so that car cleanliness is maintained, but the length of the washing process carried out manually is sometimes one of the reasons people do not use car wash services. On that basic, automatic car washes are needed to be able to streamline the time during the washing process. The system will be designed form of a prototype of brush and rinse on an Arduino-based automatic car wash system with a car drive in the form of a conveyor and a dc motor as the drive of the brush and rinse.

With this prototype of disease and rinse in an automatic car wash system has been made. With some of research from infrared sensor, voltage measurement of motor dc, and raindrop sensor.

Key words: Arduino, transportation, DC motor, infrared sensor, raindrop sensor

