Iot based intelligent retrackavle

Abstract:

12VPMDC Motor: This motor serves as the primary mechanism for retracting and extending the shed. It can be controlled remotely via the IoT system to adjust the shed's position based on environmental conditions or user preferences.DTH11 Sensor: The DTH11 sensor is used to monitor temperature and humidity levels outside the shed. This data can be crucial for determining when the shed should retract or extend to provide optimal comfort for users or protection for stored items.NodeMCU: The NodeMCU serves as the central controller for the IoT system. It collects data from sensors, processes it, and sends commands to the motor to adjust the shed's position accordingly. It also facilitates communication with the user interface or mobile app for remote control and monitoring

Components:

12vbmdc motor

Dth 11sensor

Nodemcu