

Name/ID : ABDELKAREEM YOUSEF MAMDOH SOUBAR/19110022

Subject :IOT

Assignment Title :task 4

Submission Date : 23/12/2022

Write a description of the idea that you will work with your group

* Solar positioning system   
    
  solar positioning system is all about making sure that the solar panels are always alined with the sun, so the solar panel can produce maximum wattage and have maximum efficiency and that’s by having a sensor to check the best position for the solar panel, and using a steeper motor to manipulate the angel of the solar panel.
* Diabetic patient monitoring systems  
    
  diabetic patient monitoring systems are able basically sensors that are attached to the patient body to monitor diabetic patients and save some data about blood glucose level, body temperature, and location that could be used easily and to have more beneficial outcomes by sharing these data to the patient’s doctor.
* Home Automation System
* Smart Garage Door
* Smart Alarm Clock
* Smart Gas Leakage Detector Bot
* Smart Energy Grid
* Contact less Doorbell
* Remote Plant Monitor