submission date	2019-09-12
project name	L-wing solar power interactive display
student names	Ramin Kurkeice, Matthew Phillip, Ahmad El-hajji
sensors effectors	lumosity sensor
the database will store	power collected every 30 min
the mobile device function	displays the data collected in the day and in a graph over time
calloborating with	Kristen Medri
winter semeseter group	same group
50 word problem statement	solar panels in the L wing want to know how much power is collected using solar technology every 30 mins from 4 panels and in a app and web app that is connected globally
100 words background	we plan to split this in three parts the UI, the contoller, and the database, the UI will be focused on the the design of both the web app and the phone app, the controller will be able to communicate with the UI and database, the database will store information in the server for a few weeks. this will read from a lumosity sensor to also see the average sun light ambece for the time reccorded
current product APA citiation	
existing research IEEE paper APA citation	A. Sagar, S. Saim, A. Ittehad and H. Zaman, "A novel design of a Bi-level automatic solar tracker using rotations around orthogonal axes," in 2017 8th International Conference on Computing, Communication and Networking Technologies (ICCCNT), Delhi, India, 2017 pp. 1-6. doi: 10.1109/ICCCNT.2017.8204096 keywords: {} url: https://doi.ieeecomputersociety.org/10.1109/ICCCNT.2017.8204096
breif decription of planned purchases	raspberry pi, lumosity sensor
solution description	we complete this assignment by using the VMD method