Submission date	9/12/19
Project name	L-wing solar power interactive display
Students Name	Ahmad El-Hajj. Group Members: Mathew Phillip, Ramin Kurkeice
Sensor effectors	Luminosity sensor
How data will be stored	Data will be collected every 30 minutes.
Mobile function	Collects data and displays it in a graph over time and keeps it stored for at least a year
Problem statement	The L-Wing has solar panels installed on the roof. Humber wants to know how much power is collected every 30 minutes. Humber wants to access this data through a website and an app.
Background	The project will be split into three parts. One member will be in charge of the UI part which will be the app and website interface. The second group member will be in charge of the controller which would be the hardware part. The third group member will be in charge of the database. The member in charge of the database will create a database and connect it to the website and app.
Research IEE paper APA citation	Choi, Charles Q. “Full Page Reload.” IEEE Spectrum: Technology, Engineering, and Science News, 1 July 2019, spectrum.ieee.org/energywise/energy/the-smarter-grid/best-algorithms-to-make-solar-power-profitable.
Planned purchases	Raspberry pi(min second gen),solar-PV panels, power optimizers, EV Charger
Solution	VMD method is the best option to complete this assignment