

Submission Date	9/15/2017
Project Name	DMX light
Student Name	Erick Cantos
Project website	https://github.com/ErickCantos13/MyRepository
My project will	Will be a home automation system that will control/dim/change ambient lighting and record temp
The database will store	The temperature and how long the lights have been on
The mobile device functionality will include	Being able to customize the light over an RGB spectrum over wi-fi, recording surround temperature
I will be collaborating with the following company/department	Heakeme, Slava
My group in the winter semester will include	Heakeme, Slava
50 word problem statement	The purpose of the project to modernize the house and make it easier to access/control devices
100 words of background	
Current product APA citation	
Existing research IEEE paper APA citation	Vera, G. A., Abdelnour, A., Sarkis, M., Georgiadis, A., Kaddour, D., & Tedjini, S. (2016). Passive RFID-enabled proximity sensor. Microwave Symposium (IMS), 2016 IEEE MTT-S International. Page Numbers. DOI: 10.1109/MWSYM.2016.7539961
Brief description of planned purchases	Raspberry pi, DMX light, thermistor module, photo resistor, RFID-enables proximity sensor.
Solution description	