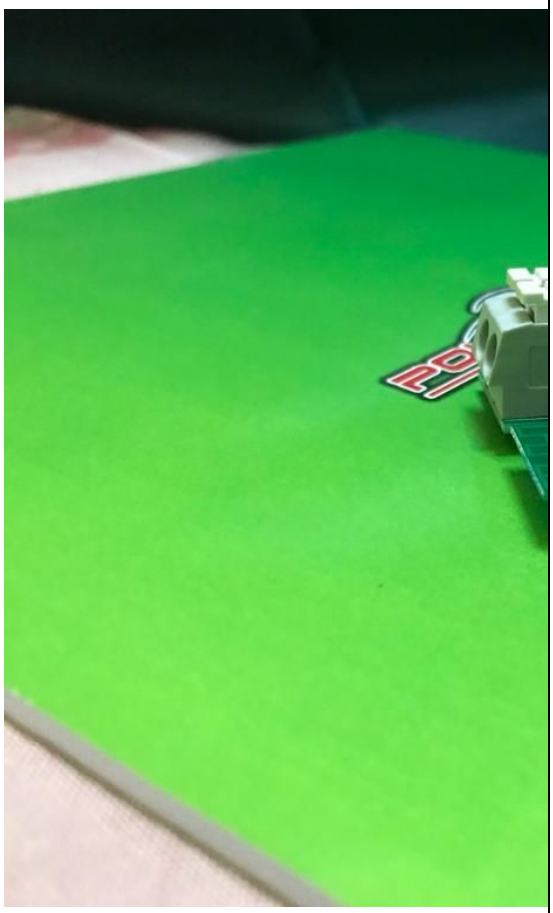
LAMPIRAN J

POLITEKNIK MALAYSIA

BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT *INFORMATION*
Program *Program*	DEP
Jabatan *Department*	KEJURUTERAAN ELEKTRIK
Semester/ Tahun *Semester/ Year*	LIMA
Tajuk Projek *Project Title*	BEE HOME
Jenis Projek *Type of Project*	REKABENTUK
Kategori Kluster Penyelidikan *Category/ research Cluster*	TEKNOLOGI MAKLUMAT DAN KOMUNIKASI
Ahli Kumpulan *Group member*	1. THIUYAH RAJANDRAN 980706-01-6896 2. 3. 4. 5.
Penyelia *Supervisor*	PUAN NOR ASILAH BINTI ASILAH 731017-01-6164
Penyelia Bersama *Co-Supervisor*	
Abstrak *Abstract*	Home automation or domotics is building automation for a home, called a smart home or smart house. A home automation system will control lighting, climate, entertainment systems, and appliances. It may also include home security such as access control and alarm systems. When connected with the Internet, home devices are an important constituent of the Internet of Things. A home automation system typically connects controlled devices to a central hub or "gateway". The user interface for control of the system uses either wall-mounted terminals, tablet or desktop computers, a mobile phone application, or a Web interface, that may also be accessible off-site through the Internet.

	While there are many competing vendors, there are very few worldwide accepted industry standards and the smart home space is heavily fragmented. Manufacturers often prevent independent implementations by withholding documentation and by litigation
Keyword *Keyword* (max 5 word)	THIS PROJECT IS ABOUT A DEVICE WHICH CONTROL HOME ELECTRICAL APPLIANCES
Objektif Projek *Project Objectives*	More specifically the principle objective of this research are: i.Older people are incapable to control home appliances by moving all over their house especially if double story house. ii.To implement a low cost ,reliable and scalable home automation system. iii.To make sure electrical appliances is switch off after use and switch on when needed.
Skop Projek *Project scope*	i.This project is focusing on Zigbee IEEE 802.15. ii.The emphasis is Zigbee which works in 2.412-2.484 GHz frequency. iii.The input or output is AC 85-265V 50/60Hz.

IP No	
Dapatan *Finding* (*500 words max*)	WHEN THE LED IN CONTROLLER IS ON WE CAN USE eWeLink APP TO CONTROL ON/OFF OF AN APPLIANCES.
Cadangan untuk kerja-kerja akan datang *Suggestion for future work* (*500words*)	MY SUGGESTION IS IN FUTURE IT CAN CONTROL ALL APPLIANCES IN ONE TIME.
Gambar berkaitan projek *Picture related to project* (700kb)	
Rating/Level	JABATAN

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Borang ini perlu diisi oleh pelajar dan dihantar kepada penyelia/ penyelaras projek dalam bentuk hardcopy dan softcopy (borang LAMPIRAN J) dan gambar hasil projek dalam format jpeg/bitmap) bersama laporan akhir dan hasil projek.