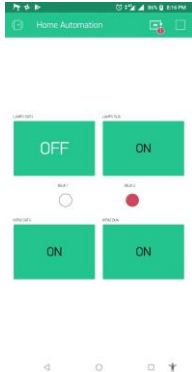
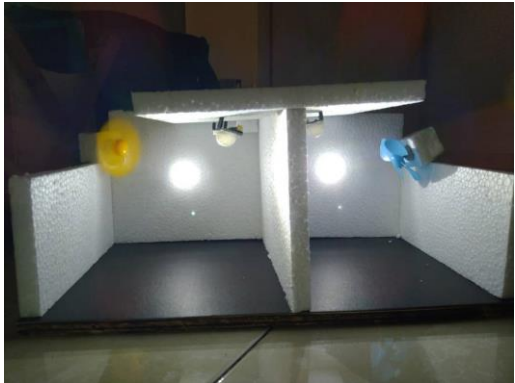


### BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT INFORMATION																
Program <i>Program</i>	DIPLOMA KEJURUTERAAN ELEKTRONIK KOMPUTER(DTK)																
Jabatan <i>Department</i>	JABATAN KEJURUTERAAN ELEKTRIK																
Semester/ Tahun <i>Semester/ Year</i>	5																
Tajuk Projek <i>Project Title</i>	DEVELOPMENT OF LIGHT AUTOMATION WITH WIRELESS CONTROLLER																
Jenis Projek <i>Type of Project</i>	Software and Haerdware																
Kategori Kluster Penyelidikan <i>Category/ research Cluster</i>	<p>Tanda “ / ” pada yang berkenaan: <i>Please tick “ / ” where applicable:</i></p> <table border="1"> <tr> <td><input type="checkbox"/></td><td>Sains tulen (<i>Pure Science</i>)</td></tr> <tr> <td><input type="checkbox"/></td><td>Sains gunaan (<i>Applied Science</i>)</td></tr> <tr> <td><input type="checkbox"/></td><td>/ Teknologi dan kejuruteraan (<i>Technology and Engineering</i> )</td></tr> <tr> <td><input type="checkbox"/></td><td>Sains kesihatan dan klinikal (<i>Clinical and Health Sciences</i>)</td></tr> <tr> <td><input type="checkbox"/></td><td>Sains sosial (<i>Social Sciences</i>)</td></tr> <tr> <td><input type="checkbox"/></td><td>Sastera dan sastera ikhtisas (<i>Arts and Applied Arts</i>)</td></tr> <tr> <td><input type="checkbox"/></td><td>Warisan alam dan budaya (<i>Natural Sciences and National Heritage</i>)</td></tr> <tr> <td><input type="checkbox"/></td><td>Teknologi maklumat dan komunikasi (<i>Information and Communication Technology</i>)</td></tr> </table>	<input type="checkbox"/>	Sains tulen ( <i>Pure Science</i> )	<input type="checkbox"/>	Sains gunaan ( <i>Applied Science</i> )	<input type="checkbox"/>	/ Teknologi dan kejuruteraan ( <i>Technology and Engineering</i> )	<input type="checkbox"/>	Sains kesihatan dan klinikal ( <i>Clinical and Health Sciences</i> )	<input type="checkbox"/>	Sains sosial ( <i>Social Sciences</i> )	<input type="checkbox"/>	Sastera dan sastera ikhtisas ( <i>Arts and Applied Arts</i> )	<input type="checkbox"/>	Warisan alam dan budaya ( <i>Natural Sciences and National Heritage</i> )	<input type="checkbox"/>	Teknologi maklumat dan komunikasi ( <i>Information and Communication Technology</i> )
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Ahli Kumpulan <i>Group member</i>	1. Name: Muhamad Ridzuan Bin Abu No'man No. Identification card: 980311-01-6007 2. Name: Aiman Zikry Bin Musa No. Identification card: 980328-01-6695																
Penyelia <i>Supervisor</i>	Name: Puan Azlilawati Binti Abu Bakar No. Identification card: 720711-01-5598																
Abstrak <i>Abstract</i>	<p>Internet of thing becomes a field of research since the development of Internet technology and other communications media, growing human needs of the technology, the more research that will be present, internet of things one result of researchers to optimize some of the tools such as media sensor, radio frequency identification (RFID), wireless sensor networks and other smart object that allows humans to easily interact with all the equipment that is connected to the Internet network. IOT is also used to control home appliances, this allows a user to easily control these home appliances through the internet. The system can be useful to those who need to access their appliances at home while they are away and also can incredibly help to improve the lives of the physically disabled and old aged people.</p>																
Keyword <i>Keyword</i>	Blynk,Control,Wireless,Appliances,Internet																
Objektif Projek <i>Project Objectives</i>	1.Monitor and controls lamps at home using wireless IOT controller. 2.Help the limit movement of physically disable and old age people. 3.Reduce time and energy to switch off unused lamp .																

Skop Projek <i>Project scope</i>	1.To monitor and control switch lights at home using iot system as medium and wireless controller that come in shape of android application. 2.Using WeMos D1R2 and Relay Board to control the status ON an OFF of the lamp. 3.Use Blynk app to make interface to control the lamp.	
IP No		
Dapatan <i>Finding</i>	<ol style="list-style-type: none"> <li><b>Make task more convenient:</b> many task that are repetitive in nature can be accomplished with fewer steps using this project. Instead of turning off light when you not home, the project allow you to accomplish this task with one button.</li> <li><b>Good for environment:</b>the project can reduce power consumption because it has sensor that can detect weather the appliances are be using or not in use.</li> <li><b>Something the whole family can benefit:</b> A family can help to limit movement of physically disable and old age family member.You will find the project will bring family closer together as everyone learn each other weak and strong point.</li> </ol>	
Cadangan untuk kerja-kerja akan datang	<ol style="list-style-type: none"> <li>Do a better design interface.</li> <li>Can add more type off appliance.</li> <li>Make an installation on a real house or building..</li> </ol>	
Gambar berkaitan projek	 <p style="text-align: center;"><i>Figure 1</i></p>	 <p style="text-align: center;"><i>Figure 2</i></p>
Rating/Level	Department	

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

