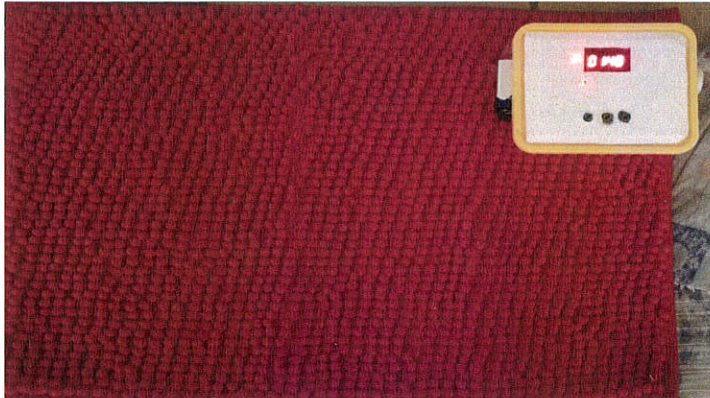


BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT INFORMATION																
Program <i>Program</i>	DET 5A																
Jabatan <i>Department</i>	JABATAN KEJURUTERAAN ELEKTRIK																
Semester/ Tahun <i>Semester/ Year</i>	5																
Tajuk Projek <i>Project Title</i>	CARPET ALARM CLOCK																
Jenis Projek <i>Type of Project</i>	ELEKTRONIK																
Kategori Kluster Penyelidikan <i>Category/ research Cluster</i>	<p>Tanda “ / ” pada yang berkenaan: Please tick “ / ” where applicable:</p> <table border="1"> <tbody> <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 checked="" 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> </tbody> </table>	<input type="checkbox"/>	Sains tulen (<i>Pure Science</i>)	<input type="checkbox"/>	Sains gunaan (<i>Applied Science</i>)	<input checked="" 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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<input type="checkbox"/>	Teknologi maklumat dan komunikasi (<i>Information and Communication Technology</i>)																
Ahli Kumpulan <i>Group member</i>	1. Name: R. JEETDREN A/L R.RAVE No. Identification card: 14DET15F1040																
Penyelia <i>Supervisor</i>	Name: PUAN NOR ASIAH BINTI MAT YUNUN																
Abstrak <i>Abstract</i>	<p>In this modern world, with the advancement of new technologies it makes people life easier and comfortable. There are many new technologies are been developed days by days. By researching of past year's project, my group have found that there are many alarm clocks are created with a weight sensor which will triggered the alarm when step on it .Besides, there aren't any simple alarm clocks are been made before this to alarm like this . So, my group have come to a decision to create a carpet alarm clock that alarms such as this way. This alarm clock is built with a type of sensor which is weight sensor, so that it will automatically triggered the alarm when the weight sensor detect leg presents on carpet. Moreover, with my new alarm clock, people can easily maintain their lifestyle by been punctual and bring them anywhere . Furthermore, there is some benefits of my new alarm clock . It reduce people cost too. Lastly, with this ideas my group have successfully conduct this project.</p>																
Keyword <i>Keyword</i> (max 5 word)	CARPET ALARM CLOCK																



Objektif Projek <i>Project Objectives</i>	<ol style="list-style-type: none"> 1. To build an alarm clock for a sleep lover to control their sleeping time. 2. To build a alarm clock with combination of a type of sensor and LED which is weight and can show the time period. 3. To build an alarm clock that can be fix anywhere but specifically infront of toilet.
Skop Projek <i>Project scope</i>	<ol style="list-style-type: none"> 1. We can use in home only 2. Less maintenance 3. It can function as alarm clock 4. It is waterproof device .
Dapatan <i>Finding</i> (500 words max)	<p>The principal outcomes of a research project, what the project suggested, revealed or indicated. This usually refers to the totality of outcomes, rather than the conclusions or recommendations drawn from them.</p> <ul style="list-style-type: none"> • We have do an observation based on people's opinion is it hard or easy to bring this alarm clock to anywhere.. The result shows that our alarm clock is easy to bring anywhere.
Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i> (500words)	For the future research of this project, we suggest that upgrade this alarm clock by using a mobile phone controller. Lastly , we suggest for the future researcher to fix this alarm clock to mobile phone only for send the data to the alarm clock
Gambar berkaitan projek <i>Picture related to project</i> (700kb)	
Rating/Level	Jabatan/ Politeknik/ Kebangsaan/ Antarabangsa <i>Departments / Institutes / National / International</i>

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BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT INFORMATION																
Program <i>Program</i>	DIPLOMA ELECTRICAL TECHNOLOGY <i>DET SC</i>																
Jabatan <i>Department</i>	KEJURUTERAAN ELECTRIK																
Semester/ Tahun <i>Semester/ Year</i>	5																
Tajuk Projek <i>Project Title</i>	SMART MOTORCYCLE LOCK																
Jenis Projek <i>Type of Project</i>	HARDWARE																
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 checked="" 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 checked="" 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>	<ol style="list-style-type: none"> Name: MUHD HEIKAL BIN MOHD SYAH No. Identification card: 14DET15F1028 Name: MUHD HAFIZ BIN MUHD ZAKRI No. Identification card: 14DET15F1061 Name: MUHD AZRUL SYAFIQ BIN MOHD AZLAN No. Identification card: 14DET15F1025 																
Penyelia <i>Supervisor</i>	Name: PUAN SUBASHNEE A/P MARIMUTHU No. Identification card:																
Penyelia Bersama <i>Co-Supervisor</i>	<ol style="list-style-type: none"> Name: PUAN HANISAH BINTI SALAM No. Identification card: 																
Abstrak <i>Abstract</i>	<p>Using from the stolen motorcycle problem because did not have more lock security for motorcycle that's really give high protection, a high protection security lock for motorcycle was design and build up. For make sure this product really high protection security antitheft lock, this product was</p>																

	<p>developed after research another lock at the market. To make sure this product really strength, welding joint use it to joint each part. This product actually can make another alternative for customer motorcycle to protect their motorcycle from theft. This product actually obtains the objective although it not easy to bring anywhere. This project is about motorcycle anti-theft system which is a system that can prevent a motorcycle from being stolen. Alarm systems that have in the market nowadays are very sensitive and make many false alarms. Also, the current system, use a vibration sensor as a main sensor. The false alarm will increase because if anyone touches the motorcycle, the alarm will trigger easily even though they do not have any senses of stealing. So, by doing this project, the motorcycle anti-theft system will reduce the false alarm as main objective. To do so, first is a research about the alarm system for motorcycle was done. The main component in the alarm circuit and sensor that will be used to achieve the objective was studied. After that, the circuit was constructed and the testing was done to make sure the system is running well. In this motorcycle anti-theft system, we have design a remote control to lock and unlock the solenoid. This product actually can make another alternative for customer motorcycle to protect their motorcycle from theft. This product actually obtains the objective although it not easy to bring anywhere.</p>
Keyword <i>Keyword</i> (max 5 word)	
Objektif Projek <i>Project Objectives</i>	<ul style="list-style-type: none"> • To design a product that can protect motorcycle from theft. • To design the new concept of antitheft lock for motorcycle which can give more security. • To develop an alarm system in motorcycle.
Skop Projek <i>Project scope</i>	<ul style="list-style-type: none"> • Smart Motorcycle Lock specifically made for the motorcycle user's • Design for home use only. • Focus on unlocking and lock the motorcycle by using the remote.
IP No	
Dapatan <i>Finding</i> (500 words max)	<ul style="list-style-type: none"> • Vibration sensor is based on the vibration sensor and Comparator to detect if there is any vibration that beyond the threshold. • Suitable for any types of motorcycle. • Push and Pull Solenoid has a slug with a slanted cut and a good mounting bracket. It's basically an electronic lock, designed for push and pull the lock.

<p>Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i> (500words)</p>	<ul style="list-style-type: none"> • A kill switch makes it impossible to start your bike, even if the criminal has the keys. It also makes it impossible to hotwire your motorcycle. • A GPS tracking device is going to do little in the way of preventing your motorcycle from theft. However, it's one of the best things you can have implemented in order to recover it if it is stolen. 	
<p>Gambar berkaitan projek <i>Picture related to project</i> (700kb)</p>	 <p style="text-align: center;"><i>Figure 1</i></p>	 <p style="text-align: center;"><i>Figure 2</i></p>
<p>Rating/Level</p>	<p>Jabatan/ Politeknik/ Kebangsaan/ Antarabangsa <i>Departments / Institutes / National / International</i></p>	

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