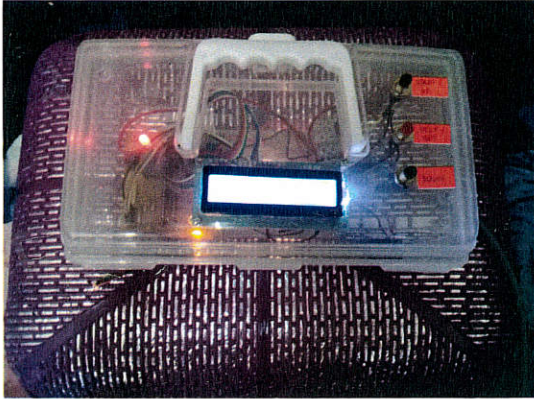



### BORANG INVENTORI PROJEK PELAJAR

PERKAR A	MAKLUMAT INFORMATION																
Program <i>Program</i>	Dtk5A																
Jabatan <i>Department</i>	Jabatan Kejuruteraan Elektrk																
Semester/ Tahun <i>Semester/ Year</i>	Semester 5 Jun2017																
Tajuk Projek <i>Project Title</i>	Cover Food Heater																
Jenis Projek <i>Type of Project</i>	Hardware and Software																
Kategori Kluster Penyelidikan <i>Category/ research Cluster</i>	<p>Tanda “ / ” pada yang berkenaan: Please tick “ / ” where applicable:</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> )
<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> )																
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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: Abu Irfan Haniffa Bin Abu Fadilah No. Identification card: 970825-01-5723 2. Name: Nurul Syifa Binti Azahar No. Identification card: 970726-01-7176 3. Name: Nurul Fatin Shahirah Binti Mohd Noor No. Identification card: 970620-02-5426																
Penyelia <i>Supervisor</i>	Name: Puan Norzilah Binti Hussin																
Abstrak <i>Abstract</i>	<p>Cover Food Heater is a product that has been innovated from cover food that can only protect food from dust and insects. This Cover Food Heater can set the timer and temperature according to the user's desire to heat up a food. It is cheaper than other food heaters. Target of consumer is house and any pantry. Cover Food Heater can maintain the food heat, make the food on the table to be durable and maintain the temperature between 40°C and above to prevent the bacteria breeding in the food. The problem in cover food before is does not guarantee long lasting food because the food in a table at room temperature can cause bacteria breeding. The Cover Food Heater can heat up the cold like microwave oven. This can prevent the food from stale fasting and bacteria breeding because bacteria can</p>																

	reproduction in temperature room and within 6 hours the food cannot be eaten anymore.
Keyword <i>Keyword</i> (max 5 word)	Heat the food
Objektif Projek <i>Project Objectives</i>	<ul style="list-style-type: none"> <li>- Maintain the temperature of the food in the appropriate temperature is the temperature between 40°C and above to prevent the bacteria breeding in the food.</li> <li>- Cover food heater makes the food on the table (37°C) to be durable.</li> <li>- Maintan the food heat.</li> </ul>
Skop Projek <i>Project scope</i>	<ul style="list-style-type: none"> <li>- The limit of capacity is 2 dishes (20 cm x 35 cm)</li> <li>- Temperature limited to 30°C - 60°C.</li> <li>- Time limited to 2 hours.</li> </ul>
IP No	
Dapatan <i>Finding</i> (500 words max)	<p>The Cover Food Heater facilitates mothers and officers out there who are busy to heat up food easily and quickly. The previous Cover Food Heater can only protect food from dust and insects. In addition, the food that has been served under cover food is always stale and cause wastage due to unheated. Therefore, we are adopting a non-heater cover food to the cover food heater so it is easier to reproduce the food that has been served. Cover Food Heater can set the timer and temperature to the temperature we want and will keep the heat at the temperature we set up and will stop if timer we set over.</p> <p>Cover Food Heater is easier than other food heater. Beside, its use is easier and less hazardous than other food heaters. Cover Food Heater has achieved the prescribed objective of maintaining the food heat until the timer set over. Cover Food Heater make the food on the table (37°C) to be durable and maintain the temperature of the food in appropriate temperature is the temperature between 40°C and above to prevent the bacteria breeding in the food. Cover Food Heater can set timer and temperature according to the ambient temperature. When the set temperature has been reached, the bulbs will blinking until the set timer has expired and the buzzer will ring and the red led will turn ON indicating the food is ready to be heated. If the temperature in room temperature (37°C) it will take 15 minutes with 60°C to heat the food.</p>

<p>Cadangan untuk kerja-kerja akan datang</p> <p><i>Suggestion for future work (500words)</i></p>	<ol style="list-style-type: none"> <li>Menambah kipas penyedut haba di Cover Food Heater itu supaya haba-haba terkumpul yang mengeluarkan wap air tidak jatuh ke dalam makanan yang dipanaskan.</li> <li>Menambah saiz Cover Food kepada lebih besar supaya dapat memanaskan hidangan dengan lebih banyak.</li> </ol>	
<p>Gambar berkaitan projek</p> <p><i>Picture related to project (700kb)</i></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 Departments / <i>Institutes / National / International</i></p>	

\* 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