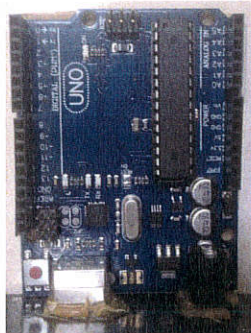
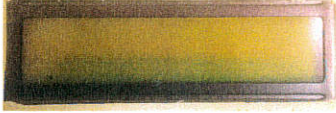
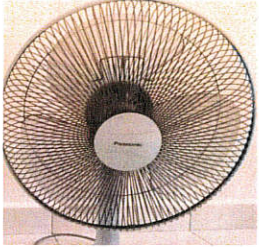


BORANG INVENTORI PROJEK PELAJAR

PERKARA A	MAKLUMAT INFORMATION																
Program <i>Program</i>	DEP5B																
Jabatan <i>Department</i>	Jabatan Kejuruteraan Elektrik																
Semester/ Tahun <i>Semester/ Year</i>	Sem 5 tahun 2017																
Tajuk Projek <i>Project Title</i>	Automatic Blower																
Jenis Projek <i>Type of Project</i>	Sains Fizikal																
Kategori Kluster Penyelidikan <i>Category/ research Cluster</i>	Tanda “ / ” pada yang berkenaan: <i>Please tick “ / ” where applicable:</i> <table border="1"> <tbody> <tr> <td>☐</td><td>Sains tulen (<i>Pure Science</i>)</td></tr> <tr> <td>☐</td><td>Sains gunaan (<i>Applied Science</i>)</td></tr> <tr> <td>☒</td><td>Teknologi dan kejuruteraan (<i>Technology and Engineering</i>)</td></tr> <tr> <td>☐</td><td>Sains kesihatan dan klinikal (<i>Clinical and Health Sciences</i>)</td></tr> <tr> <td>☐</td><td>Sains sosial (<i>Social Sciences</i>)</td></tr> <tr> <td>☐</td><td>Sastera dan sastera ikhtisas (<i>Arts and Applied Arts</i>)</td></tr> <tr> <td>☐</td><td>Warisan alam dan budaya (<i>Natural Sciences and National Heritage</i>)</td></tr> <tr> <td>☐</td><td>Teknologi maklumat dan komunikasi (<i>Information and Communication Technology</i>)</td></tr> </tbody> </table>	☐	Sains tulen (<i>Pure Science</i>)	☐	Sains gunaan (<i>Applied Science</i>)	☒	Teknologi dan kejuruteraan (<i>Technology and Engineering</i>)	☐	Sains kesihatan dan klinikal (<i>Clinical and Health Sciences</i>)	☐	Sains sosial (<i>Social Sciences</i>)	☐	Sastera dan sastera ikhtisas (<i>Arts and Applied Arts</i>)	☐	Warisan alam dan budaya (<i>Natural Sciences and National Heritage</i>)	☐	Teknologi maklumat dan komunikasi (<i>Information and Communication Technology</i>)
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Ahli Kumpulan <i>Group member</i>	1. Name: Mohd Daeng Pagau Bin Mohd Darwis No. Identification card: 970213015095 2. Name: Vicky Teh No. Identification card: 960919016373 3. Name: Nur Intan Shaffiqah Binti Suhaimin No. Identification card: 970311035364																
Penyelia <i>Supervisor</i>	Name: Puan Rodzah Binti Hj Yahya No. Identification card: 690324015518																
Penyelia Bersama Co- <i>Supervisor</i>	1. Name: Puan Khatijah Binti Abdul Rahman No. Identification card:																
Abstrak <i>Abstract</i>	Malaysia's position near the equator makes its temperature so hot. Then special tools are indispensable for maintaining indoor temperature indefinitely at room temperature. Equipment available on the market is manual, which requires manpower for ON and OFF. Therefore, the 'Automatic Blower' project is specially designed to improve the existing system. We make the exhaust fan work automatically and it is better to maintain control of the room at room temperature. Our project uses Arduino UNO temperature sensor to work automatically. The problem we get on the exhaust fan is that it works manually, the previous user																

	should always ON / OFF his own exhaust fan. In addition, room temperature is proportional to the outdoor temperature. Our solution can be, the exhaust fan works automatically by adding a temperature sensor to adjust the room temperature to remain at a predetermined temperature. When the temperature is set at 32 °C, the fan will ON automatically and when the temperature reaches 31 °C the fan will automatically OFF. This makes it easy for users and user-friendly. In conclusion, our project is successful in achieving our goals and achieving objective by increasing the temperature sensor and Arduino UNO on the exhaust fan and function automatically to maintain the preset temperature.
Keyword Keyword (max 5 word)	Automatic Blower
Objektif Projek Project Objectives	• Exhaust fan will work automatically respond to temperature. • The temperature can be set automatically to the room temperature, so that the temperature maintain.
Skop Projek Project scope	The scopes of the project we created a project using temperature sensor, and exhaust fan. So that, the exhaust fan will turn on/off automatically by using sensor temperature. The space around the room is 10 square meter and 150 square feet. The temperature sensor will on when the temperature over 32°C and it will cut off when the temperature below 31°C.
IP No	
Dapatan Finding (500 words max)	When the temperature is set at 32 °C, the fan will ON automatically and when the temperature reaches 31 °C the fan will automatically OFF. This makes it easy for users and user-friendly
Cadangan untuk kerja- kerja akan datang Suggestion for future work (500words)	High technology for disable people, we add solar system for saving the electric and use more sensitive to temperature detection.
Gambar berkaitan projek Picture related to project (700kb)	 LM35 temperature sensor send the information to the ARDUINO ARDUINO send the information to the LCD 

	 LCD will give the info to the fan 
Rating/Level	Jabatan/ Politeknik/ Kebangsaan/ Antarabangsa Departments / Institutes / National / International

* 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 proje