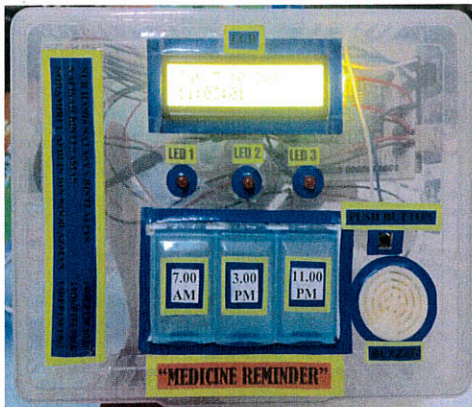



BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT INFORMATION																
Program <i>Program</i>	DEP 5 A																
Jabatan <i>Department</i>	ELECTRICAL DEPARTMENT																
Semester/ Tahun <i>Semester/ Year</i>	5/2017																
Tajuk Projek <i>Project Title</i>	MEDICINE REMINDER																
Jenis Projek <i>Type of Project</i>	SAINS FIZIKAL																
Kategori Kluster Penyelidikan <i>Category/ research Cluster</i>	<p>Tanda “ / ” pada yang berkenaan: <i>Please tick “ / ” where applicable:</i></p> <table> <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>	1. Name:NUR HANIS NATASYA BINTI ALIAS No. Identification card:971123016996 2. Name:NAFISAH BINTI SAMAN No. Identification card: 3. Name:NORAMIRUL AFDLIN BIN NOOR AZMAN No. Identification card:																
Penyelia <i>Supervisor</i>	Name:PUAN MARIA BINTI MANSOR																
Penyelia Bersama Co- <i>Supervisor</i>	1. Name:PUAN KHADIJAH BINTI ABDUL RAHMAN																
Abstrak <i>Abstract</i>	<p>Alzheimer's is a type of dementia that causes problems with memory, thinking and behaviour. Symptoms usually develop slowly and get worse over time, becoming severe enough to interfere with daily tasks. The project titled Medicine Reminder is a project that we make up storage box that using LED, BUZZER and LCD to remind patient take their medications. There are 3 types to remind patient take their medicine. LED is to know what container to take a medicine, LCD as a display date, time and day and a BUZZER as a alarm. Medicine schedule cannot monitoring efficiently. In the existing method to remind patient take a medicine unable to remind patient and doctor cannot remind the patient to take a medicine everyday. In addition, medicine storage method is not suitable. We make this project are to build a project to remind elderly patients to take medicine, to reduce reminder from those who in charge patient and to reduce storage space of medicine. Thus, this project can be improve to be a Medicine Reminder. Hope our project can help the patient to</p>																

	make the patient alert about time to take a medicine.	
Keyword <i>Keyword</i> (max 5 word)	Medicine reminder,elderly on time.	
Objektif Projek <i>Project Objectives</i>	1)To build a project to remind elderly patients to take medicine. 2) To reduce reminder from those who in charge patient 3) To reduce storage space of medicine	
Skop Projek <i>Project scope</i>	This project is using Arduino Uno R3.Our project have 2 types input are DC power supply and powerbank 5v. This project more to use DC power supply 12v. In one day need to take 3 times of medicine at 7am,3pm and 11pm. Maximum for 3 times per days. This project at least 4 types of capsule of each container.	
IP No		
Dapatan <i>Finding</i> (500 words max)	i) Similar as the results of operational performance, the elderly were most satisfied with the electronic pillbox, the results of the satisfaction questionnaire were mixed, for the smartphone generally have higher adult satisfaction, but the elderly has the opposite. ii) The results showed correlations between the interface-complexity and preference of older adults; they would rather choose electronic pillbox than smart phone because it is easier setting and more “approachable”. iii) There are 3 types to remind patient take their medicine are LED to know what container to take a medicine,LCD display to date,time and day and buzzer as a alarm. iv) Our project can charge using a powerbank that easier to handle	
Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i> (500words)	Based on the project, there are some ways to improve or upgrade the system to be better in future. Firstly, the system can be add sensor which for detect present or absence in the medication box. There can be monitored patient more efficiently whether they take the medication or not. It also can be easy for the users to add the medication the box. Then improve by using mobile phone that can also remind a patient .In addition, the system can be adding by keypad to decide the time for take a medicine. There are suggestion to upgrade or improve for the future of this project.	
Gambar berkaitan projek <i>Picture related to project</i> (700kb)	 <p style="text-align: center;">Figure 1 : Front view</p>	 <p style="text-align: center;">Figure 2: Angle view</p>
Rating/Level	Jabatan/ Politeknik/ Kebangsaan/ Antarabangsa <i>Departments / Institutes / National / International</i>	

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