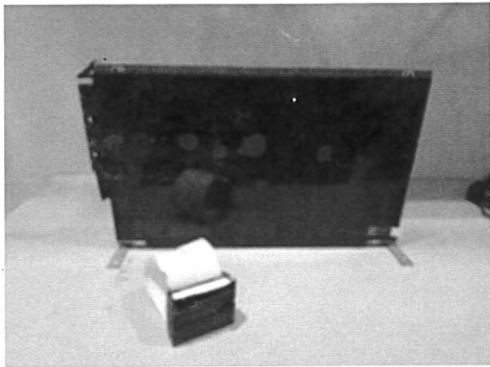


BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT INFORMATION																
Program <i>Program</i>	DET5C																
Jabatan <i>Department</i>	JKE																
Semester/Tahun <i>Semester/Year</i>	SEMESTER 5 / SESI JUNE 2017																
Tajuk Projek <i>Project Title</i>	CONTROLLED AL-QURAN USING RASPBERRY WITH CUSTOMIZED REMOTE																
Jenis Projek <i>Type of Project</i>	PRODUCT-BASED																
KategoriKluster Penyelidikan <i>Category/ research Cluster</i>	<p>Tanda “/” pada yang berkenaan: <i>Please tick “/” where applicable:</i></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>Sainssosial (<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 checked="" 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"/>	Sainssosial (<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 checked="" 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>)																
<input type="checkbox"/>	Sains kesihatan dan klinikal (<i>Clinical and Health Sciences</i>)																
<input type="checkbox"/>	Sainssosial (<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 checked="" type="checkbox"/>	/ Teknologi maklumat dan komunikasi (<i>Information and Communication Technology</i>)																
AhliKumpulan <i>Group member</i>	1. Name: MUHAMMAD AZRUL FAZLY BIN MOHD SANI No. Identification card: 14DET15F1066 2. Name: MUHAMMAD SUFFEE HADI BIN SAMSUDIN No. Identification card: 14DET15F1078 3. Name: NABIL AFIQ BIN ROSLEE No. Identification card: 14DET15F1072																
Penyelia <i>Supervisor</i>	Name: PUAN ATHIRAH BINTI ABDUL RAHIM No. Identification card:																
Penyelia Bersama <i>Co-Supervisor</i>	1. Name: No. Identification card:																
Abstrak <i>Abstract</i>	<p>Al Quran is used by the imam to read the surah in a certain prayer time. The Imam can only read limited surah at one time. In several condition, a windy environment can cause the Al-Quran pages to tilt itself. With this problem, the Imam's focus will be distracted. Sometimes the Al-Quran sheets are easily torn by the frequency of use. PC or Laptop can be used as a source for displaying the Surah Al-Quran but it uses high cost. Using the Controlled Al Quran Using Raspberry PI 3 with Customized Remote, this project proposes the use of LCD display, display board and pi raspberry 3 which is can display surahs of the Quran. Next it is controlled by a modified remote.</p>																

Keyword <i>Keyword</i>	Mosque
Objektif Projek <i>Project Objectives</i>	<ul style="list-style-type: none"> ◆ To help the Imam to read more than 2 sheets of Al-Quran in different pages using customized remote ◆ To build an innovation raspberry Al-Quran pc by using recycle LCD ◆ To create cheaper LCD of Al-Quran without using PC and Laptop
Skop Projek <i>Project scope</i>	<p>This Controlled Al-Quran Using Raspberry Pi3 With Customized Remote can be used by Imam in all prayer time to ease them read the Al-Quran surah more than 2 pages without the Al-Quran changing its pages on their own. The range of remote and LCD between 1-3m.</p> <p>Hardware design.</p> <p>Controlled Al-Quran using Raspberry with customized remote concept are using simple LCD, display board, customized remote and Raspberry pi 3.</p> <p>Software design.</p> <p>Controlled Al-Quran using Raspberry with customized remote using the LIBRE office which have in the Raspberry pi 3 for display the surah.</p>
IP No	
Dapatan <i>Finding</i>	The controlled al-quran using raspberry with customized remote has be done. The display of surah Al-quran using used LCD from recycle thing. The raspberry Pi-3 replace th common CPU. The remote has been modified to make the "Imam" easy to use.
Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i>	Controlled Al-Quran using Raspberry PI 3 with customized remote maybe used in this time for make the priest handle the problem statement. This project also have the advantages and disadvantage, so the weakness we must take time to handle. We hope for the future, our project used mostly in mosque.

Gambar berkaitan projek <i>Picture related to project</i>	 <p style="text-align: center;"><i>Figure 1</i></p>	<p style="text-align: center;"><i>Figure 2</i></p>
Rating/Level	Jabatan / Politeknik / Kebangsaan / Antarabangsa <i>Departments / Institutes / National / International</i>	

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