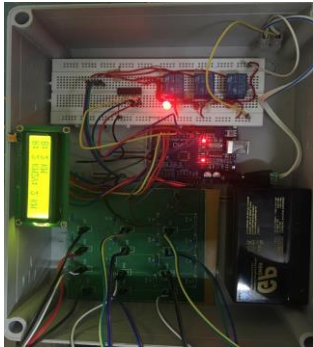




LAMPIRAN J

BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT INFORMATION																
Program <i>Program</i>	DIPLOMA KEJURUTERAAN ELEKTRIK (DET)																
Jabatan <i>Department</i>	JKE																
Semester/ Tahun <i>Semester/ Year</i>	5																
Tajuk Projek <i>Project Title</i>	WHEATSTONE BRIDGE FAULT LOCALIZING																
Jenis Projek <i>Type of Project</i>																	
Kategori Kluster Penyelidikan <i>Category/ research Cluster</i>	Tanda “ / ” pada yang berkenaan: <i>Please tick “ / ” where applicable:</i> <table border="1"> <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> </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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☐	Teknologi maklumat dan komunikasi (<i>Information and Communication Technology</i>)																
Ahli Kumpulan <i>Group member</i>	1. Name: FATIN NOR FARZANA BINTI ROSLAN No. Identification card:980628-04-5260 2. Name: KAMARULARIFFIN BIN JAAFAR No. Identification card: 980305-01-6801 3. Name: No. Identification card:																
Penyelia <i>Supervisor</i>	Name: PUAN HARYANI BINTI HASSAN No. Identification card: 730804-12-5469																
Penyelia Bersama <i>Co-Supervisor</i>	1. Name: No. Identification card:																
Abstrak <i>Abstract</i>	Fault localization techniques locate faults in a program. Many predicate based statistical fault localization techniques have been proposed in order to locate faults effectively and efficiently. Most of the faults exist in independent functions rather than independent predicates in a program and the majority of these faults will cause abnormal sequences of function calls. This paper proposes a novel function-level sequence matching fault localization technique called SMFL, which use abnormal start points of function call sequences between normal traces and faulty traces. Our approach runs a program to calculate the suspiciousness of each function, and gives a ranking list of all functions in descending order of the suspiciousness.																
Keyword <i>Keyword</i> (max 5 word)	Fault location, fault detection, location methods																
Objektif Projek <i>Project Objectives</i>	To identify fault location to length fault trace for underground distribution																

	To detect the total fault current distance To design the tool for detect long cable length fault	
Skop Projek <i>Project scope</i>	This tools can detect length fault trace for the fault which is 2 feet underground Use for contractor domestic.	
IP No	nil	
Dapatan <i>Finding</i> (500 words max)		
Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i> (500words)		
Gambar berkaitan projek <i>Picture related to project (700kb)</i>	 <i>Figure 1</i>	<i>Figure 2</i>
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.