BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT *INFORMATION*
Program *Program*	DET
Jabatan *Department*	KEJURUTERAAN ELEKTRIK
Semester/ Tahun *Semester/ Year*	LIMA
Tajuk Projek *Project Title*	INTELLIGENT SHORT CIRCUIT DETECTOR USING SENSOR
Jenis Projek *Type of Project*	INOVASI
Kategori Kluster Penyelidikan *Category/ research Cluster*	TEKNOLOGI DAN KEJURUTERAAN
Ahli Kumpulan *Group member*	1. MUHAMMAD ZAFRAN BIN NORDIN 990407-10-5951 2. MUHAMMAD ZAHID BIN IZHARI 990105-56-5231 3. 4. 5.
Penyelia *Supervisor*	PN.NORAIHAN BINTI ISA 730820-09-5313
Penyelia Bersama *Co-Supervisor*	
Abstrak *Abstract*	Now days, most of them do not care about the circuit situation in their house. They think that the circuit in their house will be in good shape forever. We cannot see the circuit situation in our house because the circuit is inside the wall. Short circuit is not only caused by exposed or hard-wired wires, it can also occur due to overloading in one socket. Already have a lot of cases of house, factory or office fire caused by short circuit. The Intelligent Short Circuit Detector Using Sensor was built for the public. It can detect short circuit before the fire can occur. This sensor also can connect with smart phone. If the short circuit happens, it will come up with a notification on the smartphone that has been connected with the sensor.

Keyword *Keyword* (max 5 word)	short circuit
Objektif Projek *Project Objectives*	(i) Make a circuit with a sensor to detect the short circuit. (ii) Build an application in the smartphone to detect shortcuts that will happen.
Skop Projek *Project scope*	Our project is to track the short circuit that occurs in the circuit. However, we use Arduino Uno to detect short circuit.

IP No	
Dapatan *Finding* (*500 words max*)	tiada
Cadangan untuk kerja-kerja akan datang *Suggestion for future work* (*500words*)	tiada
Gambar berkaitan projek *Picture related to project* (700kb)	
Rating/Level	POLITEKNIK

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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.