POLITEKNIK
MALAYSIA

BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT *INFORMATION*
Program *Program*	DEP
Jabatan *Department*	KEJURUTERAAN ELEKTRIK
Semester/ Tahun *Semester/ Year*	LIMA
Tajuk Projek *Project Title*	DATE USING RFID SYSTEM (DOOR AND ATTENDANCE)
Jenis Projek *Type of Project*	INOVASI
Kategori Kluster Penyelidikan *Category/ research Cluster*	TEKNOLOGI DAN KEJURUTERAAN
Ahli Kumpulan *Group member*	1. ALYA IZZATI BINTI HASHIM 990921-01-5166 2. MIMINORRIZA BINTI ABDULLAH 990503-10-7068 3. 4. 5.
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Penyelia Bersama *Co-Supervisor*	RODZAH BINTI HJ YAHYA 690324-01-5518
Abstrak *Abstract*	Radio-frequency identification (RFID) is a technology that uses radio waves to transfer data from an electronic tag, called RFID tag or label, attached to an object, through a reader for the purpose of identifying and tracking the object. RFID technology is a matured technology that has been widely deployed by various organizations as a part of their automation systems. In this project, an RFID based system has been built in order to produce an attendance management system. An automated attendance management software will not only make the entire process simple, but will also provide a well-structured and analyzed report of the pattern of student attendance and time management, which can further help in allocating and using the human resources in an organization to the maximum

	possible benefit. This system consists of two main part which include: the hardware and the software. The hardware consists of a motor unit and RFID reader. The RFID reader, which is a low-frequency reader (13.56 mHz), is connected to the host computer via the serial USB converter cable. The Time-Attendance System GUI (Graphical User Interface) is developed using Visual Basic Net. The Attendance Management System provides the functionalities of the overall system such as displaying live ID tags transactions, registering ID, deleting ID, recording attendance and other minor functions. This interface was installed in the host computer.
Keyword *Keyword* (max 5 word)	RFID
Objektif Projek *Project Objectives*	1.To identify the student who come late 2.To lock the door automatically must control by RFID 3.To able manage attendance list efficiently

Skop Projek
Project scope
	1.Using RFID As The Main Element.
	     frequency–13.56mHz
	     RC-522
	
	 2.Project class student at M2-PL1
	
	3. Arduino Mega 2560

IP No	
Dapatan *Finding* (*500 words max*)	1.JURNAL 2.RESEARCH

Cadangan untuk
kerja-kerja akan
  datang
  *Suggestion for
  future work
  (500words)*
	MEMPUNYAI SIMPANAN KELUARAN (OUTPUT) YANG LEBIH TERATUR

Gambar berkaitan projek *Picture related to project* (700kb)	

Rating/Level	JABATAN	

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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.