



BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT INFORMATION
Program <i>Program</i>	DEP
Jabatan <i>Department</i>	KEJURUTERAAN ELEKTRIK
Semester/ Tahun <i>Semester/ Year</i>	ENAM
Tajuk Projek <i>Project Title</i>	Open garage using rfid scanner
Jenis Projek <i>Type of Project</i>	INOVASI
Kategori Kluster Penyelidikan <i>Category/ research Cluster</i>	TEKNOLOGI DAN KEJURUTERAAN
Ahli Kumpulan <i>Group member</i>	1. MOHD IDHAM FAIQ BIN YAMION 981220-01-7439 2. 3. 4. 5.
Penyelia <i>Supervisor</i>	RODZAH BINTI HJ YAHYA 017-6580069
Penyelia Bersama <i>Co-Supervisor</i>	
Abstrak <i>Abstract</i>	This Arduino's easy-to-open smart door project can be very useful for door security, forensics, criminal investigations, personal identification, presence systems and more. In the future, there will be more applications such as RFID card-based driving licenses, bank account operations and more. The whole system works under a simple algorithm called matching algorithm, which is used to compare previously stored personal card templates to a user's personal card for verification purposes. The key is usually used to overcome traditional doors, but it provides very poor security. In the project of unlocking a door using an RFID card, only when someone authorized has a personal card, the door is opened and a green light is displayed to indicate the correct card

Keyword <i>Keyword</i> (max 5 word)	123456789
Objektif Projek <i>Project Objectives</i>	Improve the safety characteristic for not easy to infiltrated by thieves It can saving time It can look luxury with a sophisticated tech system Make a system more advance
Skop Projek <i>Project scope</i>	Use arduino UNO as controller Use personal card to unlock

IP No		
Dapatan <i>Finding</i> (500 words max)	Laman web www.arduinohub.com	
Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i> (500words)	Lack of safety features Have no current system Avoid being stolen Manual conversion to automatic system Wasting time to open the garage	
Gambar berkaitan projek <i>Picture related to project (700kb)</i>		
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.

