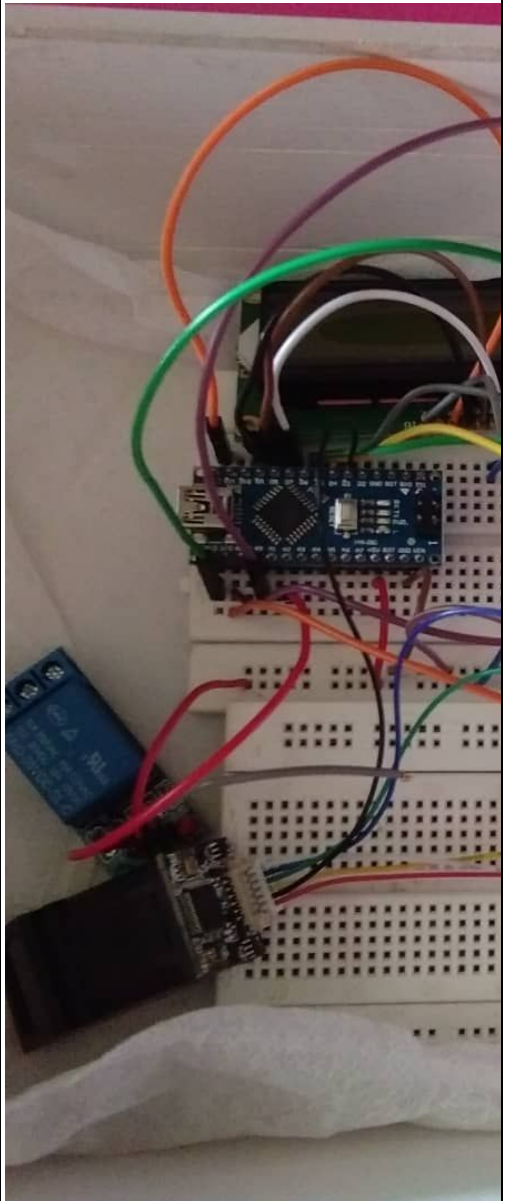




BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT INFORMATION
Program <i>Program</i>	DEP
Jabatan <i>Department</i>	KEJURUTERAAN ELEKTRIK
Semester/ Tahun <i>Semester/ Year</i>	LIMA
Tajuk Projek <i>Project Title</i>	GARAGE DOOR WITH FINGERPRINT
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. AINIE ZAIFARHANA BINTI ARZAM 991101-14-5912 2. 3. 4. 5.
Penyelia <i>Supervisor</i>	RODZAH BT HJ YAHYA (690324-01-5518)
Penyelia Bersama <i>Co-Supervisor</i>	RODZAH BT HJ YAHYA (690324-01-5518)
Abstrak <i>Abstract</i>	This simple fingerprint door unlock project using Arduino can be very useful for door security, forensics, crime investigation, personal identification, attendance system and much more. In the future, there could be many applications like fingerprint based driving license, bank accounts operation and so on. The whole system works under a simple algorithm called matching algorithm, which is used to compare previously stored templates of fingerprint against users fingerprint for authentication purposes. A key is normally used for traditional door opening, but it provides very poor security. In this fingerprint door unlock project, only when an authorized person places a finger on the sensor, the door unlocks and the LCD displays a welcome message along with that person name.

Keyword <i>Keyword</i> (max 5 word)	SAFETY
Objektif Projek <i>Project Objectives</i>	The main objective of this project is to improve the safety of garage More specifically the principle objective of this research are: • Improve the safety characteristic for not easy to infiltrated by thieves • Manual to automatic
Skop Projek <i>Project scope</i>	1. This project is focusing fingerprint as main component to improve the characteristic safety. 2. Fingerprint GT511C3 use Arduino Nano to open & close the garage door 3. Use a Arduino Nano as a controller

IP No		
Dapatan <i>Finding</i> (500 words max)	1. RESEARCH 2.JURNAL	
Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i> (500words)	MEMPUNYAI KELUARAN OUTPUT YANG LEBIH TERATUR DAN PEMASANGAN YANG LEBIH KEMAS	
Gambar berkaitan projek <i>Picture related to project (700kb)</i>		

Rating/Level	JABATAN	

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.

