LAMPIRAN J

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*	SMART ALARM MOTORCYCLE
Jenis Projek *Type of Project*	INOVASI
Kategori Kluster Penyelidikan *Category/ research Cluster*	TEKNOLOGI DAN KEJURUTERAAN
Ahli Kumpulan *Group member*	1. MUHAMMAD NUR MUAZ BIN SHAMSUR 991113145717 2. 3. 4. 5.
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Penyelia Bersama *Co-Supervisor*	AZLILAWATI BINTI ABU BAKAR
Abstrak *Abstract*	Vehicle theft is one of the universal problems that happen in entire world. The statistics of the vehicle get stolen increases at alarming rate every year. For example in Malaysia alone, in 2010 there were 1,475 reported cases involving theft of motor cars, motorcycles, vans and trucks while in 2011, a total of 2,086 cases were registered. However, the first seven months of 2012, a total of 832 cases have already been reported. Therefore, it can be concluded that the security systems installed by the vehicle manufacturer are not effective enough. To solve this problem, a wireless motorcycle security system which implements mobile

	communication protocol is proposed. The control and communication between the user and the proposed system are achieved through a short message services (SMS). The proposed system is capable of informing the user through the user's cellular phone if the motorcycle is stolen by an intruder. At the same time the systems will activate the alarm. The effective communication coverage of this system is based on the user's cellular phone coverage. The proposed system consists both hardware and software parts. The hardware components include a microcontroller PIC 16F887, a GSM modem and a cellular phone. While the software part includes a program controller interface. The result conducted on the proposed system able to demonstrate that the proposed system is successfully designed and fabricated.
Keyword *Keyword* (max 5 word)	BASMI PENCURI
Objektif Projek *Project Objectives*	1)To reduce the motorcycle theft case rate in our country 2)To enhance the security system on the motorcycle 3)To alert the user motorcycle's from being stolen
Skop Projek *Project scope*	1.This project is focusing used on a motorcycle 2.The main controller is using phone

IP No	
Dapatan *Finding* (*500 words max*)	300
Cadangan untuk kerja-kerja akan datang *Suggestion for future work* (*500words*)	WE CAN DO IT
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.