





BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT INFORMATION
Program <i>Program</i>	DET
Jabatan <i>Department</i>	KEJURUTERAAN ELEKTRIK
Semester/ Tahun <i>Semester/ Year</i>	LIMA
Tajuk Projek <i>Project Title</i>	SMART TROLLEY USING RFID
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. NOR FATIHA BINTI ZUKFALIE@ZULKIFLI 990225-03-5016 2. NUR ARIFAH DIYANA BINTI MOKERY 990424-04-5030 3. 4. 5.
Penyelia <i>Supervisor</i>	NORMAZLINA BINTI MAT ISA 820613075122
Penyelia Bersama <i>Co-Supervisor</i>	
Abstrak <i>Abstract</i>	Over the past few decades, technology has been drastically change the way of life in our societies. The current generation is becoming completely dependent on new technologies. Technology has affected society and its surroundings in a number of ways. In many countries, technology has helped developed more advanced facilities being used in daily life. It also allows for more task to be completed in less time, increase efficiency and create entirely new ways to make a living. Thus it makes more areas of life to be improved. Shopping mall is a place where most people in great hurry to get their daily necessities. Consumers often face problems and inconvenience when shopping. Thus, a Smart Trolley with RFID has being designed as effort to replace the existing barcode

	technology. A RFID scanner with LCD will be attached to the shopping trolley. It is easy for consumers to scan their items and can know the total price of items and consumer feels more comfortable while shopping.
Keyword <i>Keyword</i> (max 5 word)	Smart Trolley
Objektif Projek <i>Project Objectives</i>	<ol style="list-style-type: none"> 1. Propose a barcode scanner for the convenience of a trolley. 2. Propose a screen display that displays the price of items and quantities of items . 3. Propose a card of RFID .
Skop Projek <i>Project scope</i>	<ol style="list-style-type: none"> 1. For customers in supermarket. 2. Using Arduino, RFID, Liquid Crystal Displays (LCD). 3. To make the store system more efficient and bring an ease on to the customer.

IP No		
Dapatan <i>Finding</i> (500 words max)	i. Literature Review ii. Internet iii. Lecturer iv. Supervisor	
Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i> (500words)	Change the barcode scanner to RFID card	
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.

