



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 LADDER
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. MOHAMAD JOHAN BIN MOHAMAD ZAMRI 990825-06-5163 2. MOHAMAD ZAINULHAQIM BIN AZHAR 990611-01-5195 3. 4. 5.
Penyelia <i>Supervisor</i>	PN HJH SARIATI BINTI DALIB 640408-04-5508
Penyelia Bersama <i>Co-Supervisor</i>	
Abstrak <i>Abstract</i>	Ladder is a key tool to make it easy for people to make a great job. To use the stairs, users need to climb stairs for a higher place. But ordinary stairs have some drawbacks. One of the drawbacks is that ordinary stairs need to be moved from one place to another. Users need to get off the stairs to move the stairs to another place. Therefore, the user needs energy to move the ladder. Secondly, the lack of regular stairs is the lack of regular staircase. This is because, the foot or foot can not accommodate the user's weight and easily falls. Finally, the lack of a regular ladder is a regular ladder with only one function. The ordinary staircase is only used to climb to a high place. Thus, we have created the "Smart Ladder" to solve this problem. "Smart Ladder"

	is capable of moving at 5 meters in just 10 seconds. Hence, "Smart Ladder" can save you time and energy.
Keyword <i>Keyword</i> (max 5 word)	SMART LADDER
Objektif Projek <i>Project Objectives</i>	More specifically the principle objective of this research are: • To design a smart ladder using relay and motor to save time and effort • To create a ladder with automation system. • To develop a smart ladder system a multipurpose.
Skop Projek <i>Project scope</i>	• This Smart ladder can't move more than 100 meter. • This Smart ladder can't carry a load of 100 kg and above. • This Smart ladder can only be used on flat surfaces

IP No		
Dapatan <i>Finding</i> (500 words max)	Kami berjaya menyiapkan projek ini . Projek ini berfungsi dengan baik dan juga telah mencapai objektif kami .	
Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i> (500words)	Kami bercadang untuk menjadikan projek ini sebagai " portable " supaya projek ini lagi mudah untuk di bawa ke mana sahaja.	
Gambar berkaitan projek <i>Picture related to project</i> (700kb)		

Rating/Level	POLITEKNIK	

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.

