



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>	SECURITY DOOR SYSTEM WITH FACE CAPTURE USING RASPBERRY PI
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. MUHAMMAD ZULHALMI BIN ZULKARNAIN 990310-01-6995 2. MUHAMMAD IZZAT ASYRAF BIN ZAMANI 970506-04-5087 3. 4. 5.
Penyelia <i>Supervisor</i>	ENCIK MOHD FAUZI BIN HASSAN 800610-12-5069
Penyelia Bersama <i>Co-Supervisor</i>	
Abstrak <i>Abstract</i>	- With the world moving towards advance technologies, security forms a crucial part in daily life. Among the many techniques used for this purpose, Face Capture and Password is use for the security. Raspberry Pi, keypad, camera, solenoid and relay module use in this project. The solenoid will open when a person enter the password and camera will capture a person face. and the image will send to the laptop as a data based.

Keyword <i>Keyword</i> (max 5 word)	RASPBERRY DLS
Objektif Projek <i>Project Objectives</i>	1) To provide security system using face capture 2) To recognize user which access the room using image captured 3) To facilitate database in real security system
Skop Projek <i>Project scope</i>	1) The system needs wifi to keep connected with raspberry Pi 2) Static picture will be save in database 3) Image will be save base on memory card size and can be deleted by admin

IP No		
Dapatan <i>Finding</i> (500 words max)	- Research - Internet - Personal Consultant	
Cadangan untuk kerja-kkerja akan datang <i>Suggestion for future work</i> (500words)	Change the face capture to the face recognition	
Gambar berkaitan projek <i>Picture related to project</i> (700kb)		
Rating/Level	JABATAN	

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Borang ini perlu diisi oleh pelajar dan dihantar kepada penyelia/ penyelarar projek dalam bentuk hardcopy dan softcopy (borang LAMPIRAN J) dan gambar hasil projek dalam format jpeg/bitmap) bersama laporan akhir dan hasil projek.

