BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT *INFORMATION*
Program *Program*	DET
Jabatan *Department*	KEJURUTERAAN ELEKTRIK
Semester/ Tahun *Semester/ Year*	LIMA
Tajuk Projek *Project Title*	VOCAL SMART DOOR
Jenis Projek *Type of Project*	INOVASI
Kategori Kluster Penyelidikan *Category/* *research Cluster*	TEKNOLOGI DAN KEJURUTERAAN
Ahli Kumpulan *Group member*	1. DAACHAYANI A/P VEERAPANDIAN 991226-14-5684 2. NORASIKIN BINTI ABDUL KAMAL 990105-04-5164 3. 4. 5.
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Penyelia Bersama *Co-Supervisor*	
Abstrak *Abstract*	This paper presents a comprehensive description about different smart door systems and technologies from a security standpoint. The work highlights various security flaws in existing smart door systems. In this project, we address how the concept of security and the meaning of the word "intruder" have evolved over time. We examine the challenges in voice smart door security from the point of view of both the room owner and security engineer .The objective of this project is to prevent the intruder from entering the private room like boss room at office, private room at home and others .There is some scope of study that have been determined which is to design the voice smart door that only authorized personnel are allowed to record voice by using voice detector to unlock the door .The owner

	always had a problem which is the door key is always missing. This project comes with voice recognition and just recognize voice of the users maximum three person without using any keys. The work concludes by explaining future directions voice smart door could take .This voice smart door for private room application prove that it can be useful to the owner of the room and a very important thing is it can improve the security of the room.
Keyword *Keyword* (max 5 word)	DOOR OPENS WHEN VOICE OF OWNER DETECTED SIMILAR TO RECORDED VOICE OF OWNER.
Objektif Projek *Project Objectives*	1.To allow only authorized person to enter the room. 2.To make the owner easier by not using key to open the door. 3. To increase the security in a room from losses of valuable thing and documents.
Skop Projek *Project scope*	1.It can be used at office ,home and all the private rooms 2.Only authorized personnel are allowed to record voice by using voice detector to unlock the door

IP No	
Dapatan *Finding* (*500 words max*)	BERJAYA
Cadangan untuk kerja-kerja akan datang *Suggestion for future work* (*500words*)	ADD PIN NUMBER AS A BACKUP WHEN VOICE OF OWNER UNABLE TO DETECT
Gambar berkaitan projek *Picture related to project* (700kb)	
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.