



BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT INFORMATION
Program <i>Program</i>	DTK
Jabatan <i>Department</i>	KEJURUTERAAN ELEKTRIK
Semester/ Tahun <i>Semester/ Year</i>	LIMA
Tajuk Projek <i>Project Title</i>	AUTOMATIC WHITEBOARD DUSTER USING ARDUINO WITH MIC SENSOR AND WIFI MODULE
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. ABDUL HAKIM BIN DIDONG 990924-14-5257 2. NURUL AZIRA BINTI KASIYES NOOR 990310-14-5172 3. 4. 5.
Penyelia <i>Supervisor</i>	PUAN ISMA SHAMSURIA BINTI ISMAIL 810830-02-5130
Penyelia Bersama <i>Co-Supervisor</i>	
Abstrak <i>Abstract</i>	Whiteboard is one of the stationary which has more functions such as writes discussion notes, sketch and other. It always locates in lecture hall class for teaching aid equipment. There are some types that available in market and each of them have their some additional functions, However all these types are still uses a duster to wipe-off the whiteboard manually. This manual erasing uses a lot of human effort. We create whiteboard automatic duster to facilitate the work of others.

Keyword <i>Keyword</i> (max 5 word)	WHITEBOARD DUSTER
Objektif Projek <i>Project Objectives</i>	1. To design an automatic whiteboard duster using mic sensor and motor to clean the whiteboard. 2. To create a automatic whiteboard duster using Arduino microcontroller circuit to reduce human effort. 3. To implement a system using mobile application to wipe off the whiteboard for a long distance via blynk application.
Skop Projek <i>Project scope</i>	1. This Project is the prototype can be controlled through 3 different ways which are by pressing the button or via wifi or through mic sensor. 2. The mic sensor can detect sound from a loud clap up to 5 meter from the whiteboard. 3. The ESP8266 Wifi Module wifi range can detect up 20 meter away from the from the phone.

IP No		
Dapatan <i>Finding</i> (500 words max)	1. RESEARCH 2. OBSERVATION	
Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i> (500words)	We would make a finished product.	
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/ penyelaras projek dalam bentuk hardcopy dan softcopy (borang LAMPIRAN J) dan gambar hasil projek dalam format jpeg/bitmap) bersama laporan akhir dan hasil projek.

