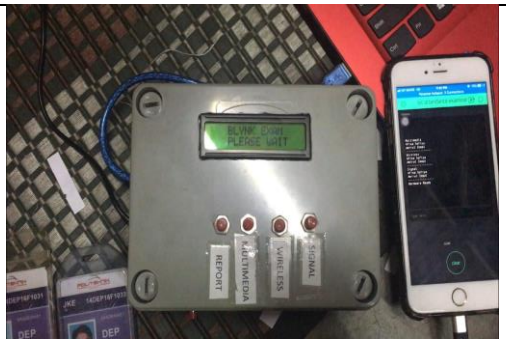
LAMPIRAN J

BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT *INFORMATION*
Program *Program*	DIPLOMA KEJURUTERAAN ELEKTRONIK (KOMUNIKASI)
Jabatan *Department*	JKE
Semester/ Tahun *Semester/ Year*	5
Tajuk Projek *Project Title*	IOT ATTENDANCE EXAMINATION
Jenis Projek *Type of Project*	Internet of Things (IoTs)
Kategori Kluster Penyelidikan *Category/ research Cluster*	Tanda " / " pada yang berkenaan: *Please tick " / " where applicable:* ( ) Sains tulen (*Pure Science*) ( ) Sains gunaan (*Applied Science*) ( ) Teknologi dan kejuruteraan (*Technology and Engineering*) ( ) Sains kesihatan dan klinikal (*Clinical and Health Sciences*) ( ) Sains sosial (*Social Sciences*) ( ) Sastera dan sastera ikhtisas (*Arts and Applied Arts*) ( ) Warisan alam dan budaya (*Natural Sciences and National Heritage*) (/) Teknologi maklumat dan komunikasi (*Information and Communication Technology*)
Ahli Kumpulan *Group member*	1. Name: AFINA SOFIYA BINTI ANURAZNI No. Identification card: 14DEP16F1031 2. Name: NOR AMIRUL IKMAL BIN NORAZMIN No. Identification card: 14DEP16F1033 3. Name: BANUPRIYA A/P BASKARAN No. Identification card: 14DEP16F1061
Penyelia *Supervisor*	Name: EN ZAN AIZUWAN BIN ZAINAL ABIDIN No. Identification card: 790116-08-5325
Penyelia Bersama *Co-Supervisor*	1. Name: TIADA No. Identification card: TIADA
Abstrak *Abstract*	In recent years, RFID technology has been widely used in various sectors, such as in-education, transportation, agriculture, animal husbandry, store sales and other sectors. RFID utilization in education is student attendance monitoring system, by using Internet of Things (IoT) and Blynk Technology, it will produce a real time attendance monitoring system that can be accessed by various parties, such as lecturer, campus administration and parents. With this monitoring system if there are students who are not present can be immediately discovered and can be taken immediate action and the learning process can run smoothly.
Keyword *Keyword* (max 5 word)	RFID, attendance, IoT

Objektif Projek *Project Objectives*	I. To record student attendance more effectively II. To develop the attendance record of students in the examhall. III. To know who is absent to the examination day.
Skop Projek *Project scope*	I. This project are focus in the exam hall and lecturers. II. Using Arduino Mega, RFID reader module, Wifi module and LCD. III. Using BLYNK Software, Arduino IDE Software.
IP No	nil
Dapatan *Finding* (*500 words max*)	I. From the experiment, we be able to scan student card by using RFID scanner and use blynk as an output. II. Lecturer will get the report as soon as the examination is over. III. IoT attendance examination will make easier for lecturer to get to know which student did not come to exam hall.
Cadangan untuk kerja-kerja akan datang *Suggestion for future work* (*500words*)	There are some improvements need to be done to get a more attractive and compact design:- 1. Replace card matrix with rfid tag. Hence, rfid tag is easy to bring anywhere because it is looks like a keychain. 2. Add time and date at the report to make sure the attendance taken accurately.
Gambar berkaitan projek *Picture related to project* (700kb)	 *Figure 1*
	Figure 2
Rating/Level	Jabatan *Departments*

***** *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 proje*