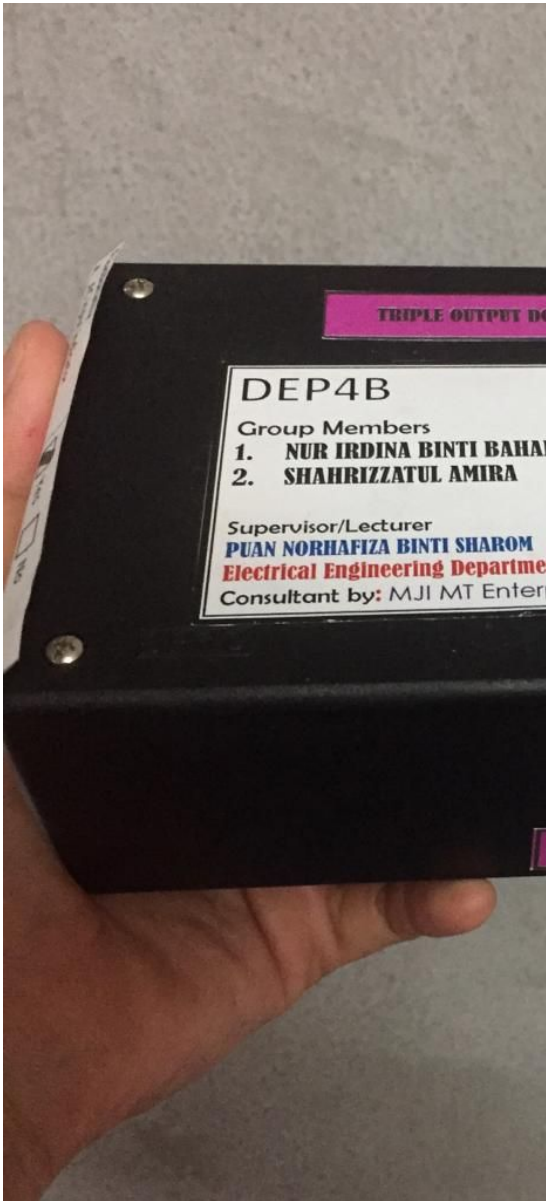
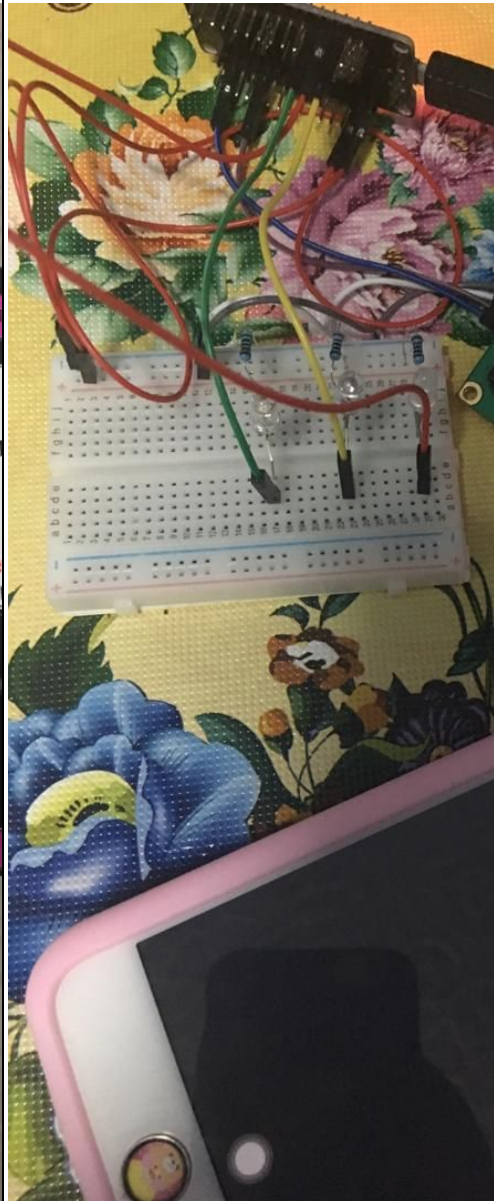




BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT INFORMATION
Program <i>Program</i>	DEP
Jabatan <i>Department</i>	KEJURUTERAAN ELEKTRIK
Semester/ Tahun <i>Semester/ Year</i>	LIMA
Tajuk Projek <i>Project Title</i>	COLOURING BOX USING WIFI
Jenis Projek <i>Type of Project</i>	REKABENTUK
Kategori Kluster Penyelidikan <i>Category/ research Cluster</i>	TEKNOLOGI DAN KEJURUTERAAN
Ahli Kumpulan <i>Group member</i>	1. NUR IRDINA BINTI BAHARI 990901-10-5658 2. SHAHRIZZATUL AMIRA BINTI MOHD 'AZMAN 990316-01-7446 3. 4. 5.
Penyelia <i>Supervisor</i>	NORHAFIZA BINTI SHAROM 840908-01-6144
Penyelia Bersama <i>Co-Supervisor</i>	
Abstrak <i>Abstract</i>	This project is very needed in this era for 2-3 years old children who to improve and learning more about colour. Therefore, this project is aim to provide a friendly, fun, easy to use and engaging way of learning for children. It is a learning system where children will learn to recognize the colours. In this way, children will not bored and enjoyable in learning. The project involves the use of esp32, LCD, LED, resistor, jumper wires and mobile phone. Esp32 will process the data and the output is LED and LCD. LED will on the light. LCD will show the the word. With this project, the learning system for children will improve and appeal the children to study hard and study more.

Keyword <i>Keyword</i> (max 5 word)	COLOURING BOX
Objektif Projek <i>Project Objectives</i>	1. To produce design colouring box using wifi. 2. To display colour using LED 3. To display word on the LCD
Skop Projek <i>Project scope</i>	1. This project is focusing for 2-3 years old children. 2. The LCD can show the word. 3. The LED can show the colour red, yellow and green. 4. The main controller is using esp32.

IP No		
Dapatan <i>Finding</i> (500 words max)	The discussion of this project is that it has three LEDs, which are red, yellow and green, and have one LCD. This project uses blynk apps on mobile phone to run a colouring box using wifi. When touch on the button for the colour on the blynk, the LED will turn on and the LCD display the word “RED”, “YELLOW” and “GREEN” on the screen. When touch off the button on the blynk, the LED will turn off.	
Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i> (500words)	One of the best suggestions for improving this project is to add speaker. Speaker are used produce sounds to interest children to learn more about colour. Adding speaker is the best and most suitable for this project “colouring box using wifi”. In addition, can put animation in LCD to attract children to learn more about colour.	
Gambar berkaitan projek <i>Picture related to project (700kb)</i>		

Rating/Level	JABATAN	

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.

