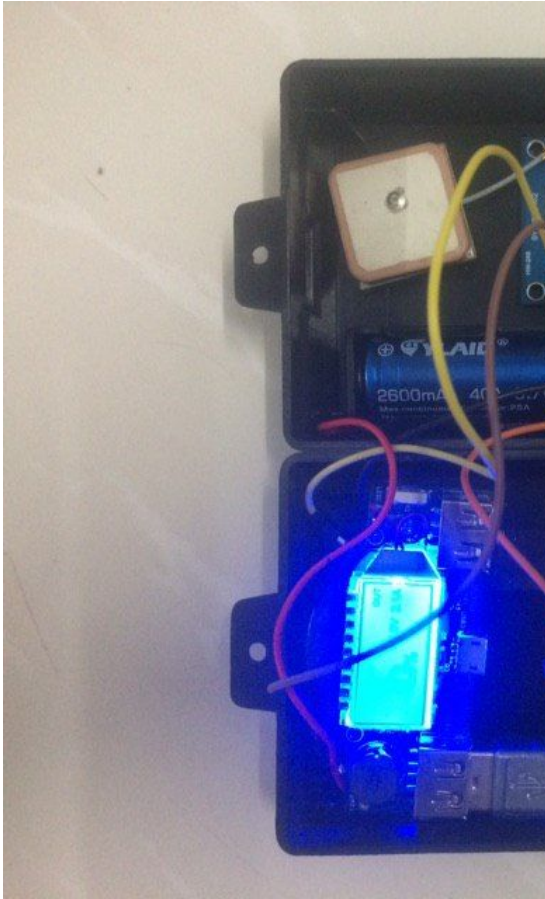





BORANG INVENTORI PROJEK PELAJAR

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>	Solar Tracker Pro
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>	<ol style="list-style-type: none"> 1. MUHAMMAD AMIRUDDIN BIN JOHARI 990115-56-5075 2. MUHAMMAD NOR SHAFIE BIN ZAMBARI 991108-01-6339 3. 4. 5.
Penyelia <i>Supervisor</i>	PUAN HAJAH SARIATI BINTI DALIB 660408-04-5508
Penyelia Bersama <i>Co-Supervisor</i>	
Abstrak <i>Abstract</i>	<p>Currently, bicycles are also the major mediators used in our country that ride bikes as hobbies and there are less capable users who only use bicycles as the main cargo. Solar GPS Tracker is created to facilitate cyclists to track their bike position with their smartphone and Solar GPS Tracker has been innovating by placing solar as the energy boost on rechargeable batteries on input.</p> <p>Bicyclists may be exposed to theft or forgotten problems where their bicycles are positioned in a crowded area. This Solar GPS Tracker uses input from lithium battery (5V) and mini solar panel (5.5V) as supportive energy for input to activate Arduino nano which can control GSM module to transmit information and</p>

	<p>position on user bike.</p> <p>Next, some cyclists like cycling convoys with friends and parking places where bicycle burglars with the Solar GPS Tracker bike safety system will be more secure. Additionally, this project facilitates cyclists to track their bike position.</p> <p>In summary, we have achieved our goal of solving the problem of cyclists to locate their bicycles. We also hope that it will help users to track their bikes and lead to technological innovations in our country or may be commercially available in the global marketplace.</p>
<p>Keyword <i>Keyword</i> (max 5 word)</p>	Tracker
<p>Objektif Projek <i>Project Objectives</i></p>	<p>The main objective of this project is to help the cyclist to easy track their bicycle More specifically the principle objective of this research are:</p> <ol style="list-style-type: none"> 1. To design the Solar GPS Tracker for bicycle 2. The emphasis is on upgrading the safety system on bicycles 3. To build Solar GPS on bicycles using Arduino, mini solar panel and GSM modules
<p>Skop Projek <i>Project scope</i></p>	<ol style="list-style-type: none"> 1. This project is focusing on cyclist for the easy way to track their bicycle 2. The emphasis is to help the society to reduce bicycle loss problem 3. The main controller is using Arduino and GSM module 4. Mini solar panel as supporting power for rechargeable battery

IP No		
Dapatan <i>Finding</i> (500 words max)	Project objective achieve	
Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i> (500words)	The signal of gsm module is not strong so we suggest to use the latest gsm in the market.	
Gambar berkaitan projek <i>Picture related to project (700kb)</i>		
Rating/Level	POLITEKNIK	

**

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.

