



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>	WEB BASED APPLICATION FOR NEW STUDENT INVENTORY MANAGEMENT
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. FARIQ ANUGRAWAN BIN NUR MUHAMAD 990418-01-7025 2. ADAM MUSTAQIM BIN MAHADI 990123-10-5247 3. 4. 5.
Penyelia <i>Supervisor</i>	HAFIDAH BINTI MAHAT 810103-01-5438
Penyelia Bersama <i>Co-Supervisor</i>	
Abstrak <i>Abstract</i>	This project mainly to solve the issue of having unreliable traditional paper system to keep track of inventories in-and-out process for the new intake students that will happen every semester. The goal now is to create a web-based application for the inventory management system runs efficiently. Building our website will be done by using ReactJS and Python-Flask. Questionnaires and interviews will be made to identify and confirm the main source of the problem and what we can do to improve the managing system of the Minggu Haluan Siswa (MHS) inventory. Once our project is done, we will help the management team from Majlis Perwakilan Pelajar (MPP) to hand over their items much more efficiently and less time consuming. They can avoid having any problems such as

	having excess or not enough items. The students will take benefit from this by getting the items they needed with less time significantly. At the same time, they would be using less paper to be wasted and avoiding data losses by papers that are often unorganized. By this we can conclude that a fast and secure website needed to be made with a simple interface for the Admins from Hal Ehwal Pelajar (HEP) to manipulate the data and can easily managed.
Keyword <i>Keyword</i> (max 5 word)	Web based application
Objektif Projek <i>Project Objectives</i>	I) Making it fast and easy to get any needed information II) Less people needed to interact to hand in over items III) Having a centralized system for data to be collected anytime when needed IV) Creating a paperless environment
Skop Projek <i>Project scope</i>	I) To do research on using ReactJS and Python Flask for front-end SQLite3 and Python-Flask for the back end II) Intermediate data format in JSON III) Solving methods for the management systems

IP No		
Dapatan <i>Finding</i> (500 words max)	Material.io, visual studio code, django, python, django rest framework, medium, stack overflow, github	
Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i> (500words)	Menambah baik web based application kami dengan lebih banyak fungsi seperti jadual kelas, profile pensyarah, menambah baik sistem pengesahan dan sistem QR code yang lebih fleksibel.	
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.

