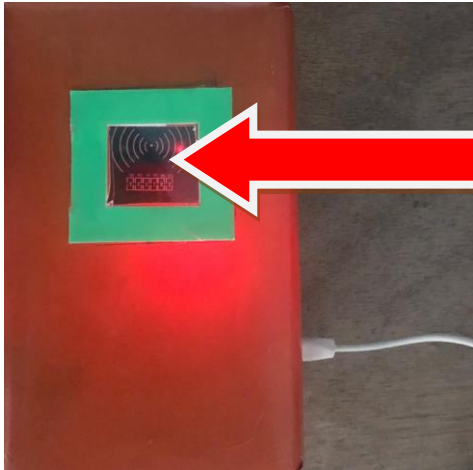


BORANG INVENTORI KAJIAN/PROJEK PELAJAR

PERKARA	MAKLUMAT								
Program:	DIPLOMA TEKNOLOGI MAKLUMAT (KESELAMATAN MAKLUMAT)								
Jabatan:	JTMK								
Semester/ Tahun:	SEMESTER 6/2020-2021								
Tajuk Kajian/Projek:	PUO CBTS (PUO Cloud Based Tracking System)								
Jenis Kajian/Projek:	SECURITY								
Kategori Kluster Penyelidikan:	<p>Tanda “ / ” pada yang berkenaan:</p> <table border="1"> <tbody> <tr> <td>Sains Tulen</td><td>Sains Sosial</td></tr> <tr> <td>Sains Gunaan</td><td>Sastera & Sastera Ikhtisas</td></tr> <tr> <td>Teknologi & Kejuruteraan</td><td>Warisan Alam & Budaya</td></tr> <tr> <td>Sains Kesihatan & Klinikal</td><td>/ ICT</td></tr> </tbody> </table>	Sains Tulen	Sains Sosial	Sains Gunaan	Sastera & Sastera Ikhtisas	Teknologi & Kejuruteraan	Warisan Alam & Budaya	Sains Kesihatan & Klinikal	/ ICT
Sains Tulen	Sains Sosial								
Sains Gunaan	Sastera & Sastera Ikhtisas								
Teknologi & Kejuruteraan	Warisan Alam & Budaya								
Sains Kesihatan & Klinikal	/ ICT								
Ahli Kumpulan:	<p>1. Nama: MUHAMMAD HAZIQ BIN ZULKURNAIN No. Kad Pengenalan: 971013-10-6405</p> <p>2. Nama: MUHAMMAD FAIZ IZZUDDIN BIN IZHAR No. Kad Pengenalan: 990623-14-6133</p>								
Penyelia:	<p>Nama: AZRUL JUNAIDI BIN ABD AZIZ No. Kad Pengenalan:</p>								
Penyelia Bersama:	TIADA								
Inter-Disiplin:	Jabatan Teknologi Maklumat dan Komunikasi (JTMK)								
Kolaborasi: (Industri/Komuniti)	TIADA								
Objektif Kajian/Projek:	<p>Here are the objectives of Cloud Based Tracking System.</p> <ul style="list-style-type: none"> To create a System that enable checking into premises without the use of Internet Connection. To create a system that helps lecturers to track the origin of a students. To test an offline alternative to existing apps. 								
Skop Kajian/Projek:	<p>The scope of Cloud Based Tracking System is divided by two categories which are user scope and system scope.</p> <p>User</p> <ul style="list-style-type: none"> Students of Polytechnic Ungku Omar. 								

BORANG INVENTORI KAJIAN/PROJEK PELAJAR

	<p>System</p> <ul style="list-style-type: none"> • Verification of a students with the usage of existing RFID and Barcode • Allow lectures to interact with the system to see the students travel log • Display the route of students have taken
Abstrak Kajian/Projek:	<p>The Malaysian Government issued the practice of Social Distancing (Penjarakan Fizikal) back by Malaysia Ministry of Health (MOH). This new norm of lifestyle allows us to continue our daily task and work while combating the global pandemic. Primarily the students are allowed back into the campus and continue to advance in their studies while also following the guidelines provided by the government. There is a saying by Benjamin Franklin that say “<i>An ounce of prevention is worth a pound of cure.</i>” Inspired by those words, we came out with an idea to create PUO Cloud a ‘Cloud Based Tracking System’. An offline alternative solution to the existing “MySejahtera App”. This system integrated with the norm usage of RFID allow us to able to track with an in depth look of the route of students take to their respective classes. Our system allows to show the logs of students originate from which class and headed. Should the traffic of an area be congested with students, students will be alerted by the system that the area they are headed to is packed with other students and reminded to practice the social distancing.</p>
Infografik Kajian/Projek:	<p>i) RFID</p>  <p>User will scan their matric card that already bound by rfid tag at terminal whenever their want to enter premises.</p>

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ii) Database/Website

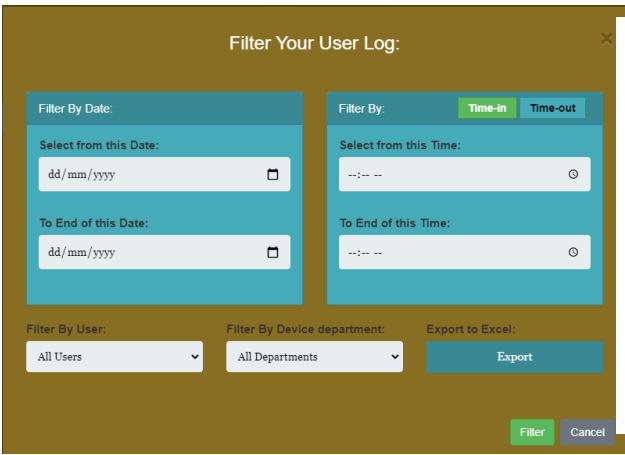
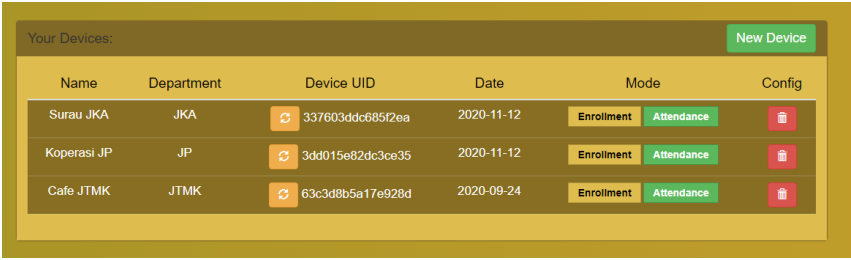
Authorized need to login with email and password too enter this database.

ID NAME	MATRIC NUMBER	GENDER	CARD UID	DATE	DEPARTMENT
23 Nurani Azylin binti Kamal	191025	Male	7952997	2020-11-12	JTMK
22 Muhammad Fuad bin Razid	192012	Male	2321183120	2020-11-12	JTMK
21 Nur Fathana binti Azemir	181029	Female	819714127	2020-11-12	JTMK
20 Intan Aina binti Saad	181065	Female	8133205192	2020-11-12	JP
19 Izzan bin Abdullah	192021	Male	813479220	2020-11-12	JTMK
18 Nur Masarah binti Amri	191003	Female	8374850	2020-11-12	JP
17 Muhammad Zaki bin Zubir	201203	Male	8052120	2020-11-12	JTMK
16 Muhammad Iqram bin Rahman	181102	Male	7941203181	2020-11-12	JTMK
15 Aqar Hakimi bin Fuad	171098	Male	48583505679128	2020-11-11	JKA

Listing of all registered user/student with information such as department and matric number.

Authorized user can update, add and delete user,

BORANG INVENTORI KAJIAN/PROJEK PELAJAR

	<div data-bbox="662 336 1289 788">  <p>User can filter and export travel log of student.</p> </div> <div data-bbox="662 873 1516 1131">  <p>List of all available terminal installed at campus. Authorized user can add or remove terminal here.</p> </div>
<p>Peringkat: (sekiranya ada menyertai pertandingan)</p>	<p>Jabatan/ <u>Politeknik</u>/ Kebangsaan/ Antarabangsa</p>
<p>Disemak oleh:</p> <p>_____</p> <p>Tandatangan Penyelaras Projek Nama dan Cop:</p>	<p>Disahkan oleh:</p> <p>_____</p> <p>Tandatangan Ketua Jabatan Nama dan Cop:</p>

* Borang ini perlu diisi oleh pelajar dan dihantar kepada penyelia/ penyelaras projek dalam bentuk hardcopy dan softcopy (borang LAMPIRAN J-1 dan gambar hasil projek dalam format jpeg/bitmap) bersama laporan akhir dan hasil projek.