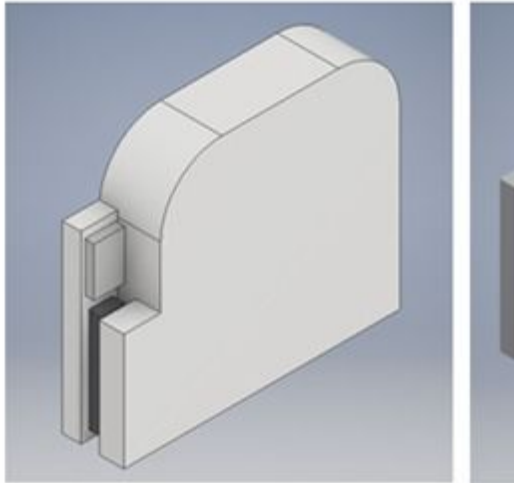




BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT INFORMATION
Program <i>Program</i>	DEM
Jabatan <i>Department</i>	KEJURUTERAAN MEKANIKAL
Semester/ Tahun <i>Semester/ Year</i>	LIMA
Tajuk Projek <i>Project Title</i>	DISABLED CHAIR FOR PUBLIC TRANSPORT
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. NUR NAZIFA BINTI MOD ARSAD 991215-14-5216 2. MUHAMMAD AIDILADHA BIN MOHD RASID 990328-10-5785 3. MUHAMMAD MARUAN BIN KHORIM 990427-02-5369 4. 5.
Penyelia <i>Supervisor</i>	ZULKIFLI BIN MANSOR 830523-01-6523
Penyelia Bersama <i>Co-Supervisor</i>	
Abstrak <i>Abstract</i>	<p>Seat abuses in public transport (MRT, LRT, Buses) are getting worst from day to day, especially the seat for disabled people. These situations can cause the disable people cannot access the special seat for disable people and cannot fight their right for the seat in the public transport. From this problem, this project is developed. The objectives of this project are to design “Disabled Chair In Public Transport” and test the “Disabled Seat In Public Transport” that had developed. The design of the seat consists of electronics system (magnetic lock, access card, and adapter) and mechanical part (folding chair). Concept of this seat is based on auditorium seat. The design of “Disabled Chair For Public Transport” is sketch by using Autodesk Inventor. The tests are conducted by using different variety</p>

	card. The result show only the card that has been programmed can access the magnetic lock. In conclusion, this product was successful developed for disabled people in the public transport.
Keyword <i>Keyword</i> (max 5 word)	disabled
Objektif Projek <i>Project Objectives</i>	<ul style="list-style-type: none"> i. Design a seat for disabled people. ii. Develop a more sophisticated seat by using electronic systems. iii. Create a seat that is only accessible to people with disabilities.
Skop Projek <i>Project scope</i>	<ul style="list-style-type: none"> i. This seat using electronic system. ii. This seat can be used in public transport either by bus or train. iii. This seat uses folding chair concept as in the auditorium. iv. This seat only can be access by card.

IP No		
Dapatan <i>Finding</i> (500 words max)	This study is to produce the "Disabled Chair For Public Transport" to ensure that people with disabilities are always comfortable when using public transport in Malaysia. It also to ensure that the rights of consumers with disabilities are always protected. The "Disabled Chair For Public Transport" function as intended as all components and materials used in this product work properly and smoothly. Close collaboration between team members and project supervisors is a key milestone in the success of the project.	
Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i> (500words)	<ol style="list-style-type: none"> 1. Analyse before making decisions. Some of the projects require more observation because of their refined design. There is some aspects are taken such as in terms of the strength of the project structure and whether it works well or not. 2. The reinforcement must be in accurately and carefully so that the seat can be made without any obstruction. Thus, project production will be more stable and may prevent damage to the components. 3. Material selection is also importance to make this project success. So that, an analysis of the use of equipment should be done to determine whether the material will work or not. 4. Suggestion to improve "Disabled Chair For Public Transport" is use the small card scanner or the size is similar with magnetic lock. So that the design looks more nice. 5. Next suggestion is increasing the size of the space on the seat so fat guy can use the seat comfortably. 	
Gambar berkaitan projek <i>Picture related to project</i> (700kb)	 <p>Lakaran 1 (tutup)</p>	

		
Rating/Level	POLITEKNIK	

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.

