
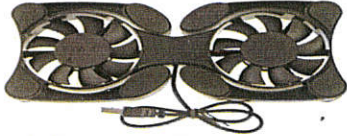


### BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT INFORMATION																
Program <i>Program</i>	DEM 5A																
Jabatan <i>Department</i>	DEPARTMENT OF MECHANICAL ENGINEERING																
Semester/ Tahun <i>Semester/ Year</i>	SEMESTER 5																
Tajuk Projek <i>Project Title</i>	KIRIN TABLE																
Jenis Projek <i>Type of Project</i>	Inovasi- / Rekabentuk / Penyelidikan																
Kategori Kluster Penyelidikan <i>Category/ research Cluster</i>	<p>Tanda “ / ” pada yang berkenaan: <i>Please tick “ / ” where applicable:</i></p> <table border="1"> <tbody> <tr> <td><input type="checkbox"/></td><td>Sains tulen (<i>Pure Science</i>)</td></tr> <tr> <td><input type="checkbox"/></td><td>Sains gunaan (<i>Applied Science</i>)</td></tr> <tr> <td><input type="checkbox"/></td><td>Teknologi dan kejuruteraan (<i>Technology and Engineering</i>)</td></tr> <tr> <td><input type="checkbox"/></td><td>Sains kesihatan dan klinikal (<i>Clinical and Health Sciences</i>)</td></tr> <tr> <td><input type="checkbox"/></td><td>Sains sosial (<i>Social Sciences</i>)</td></tr> <tr> <td><input type="checkbox"/></td><td>Sastera dan sastera ikhtisas (<i>Arts and Applied Arts</i>)</td></tr> <tr> <td><input type="checkbox"/></td><td>Warisan alam dan budaya (<i>Natural Sciences and National Heritage</i>)</td></tr> <tr> <td><input type="checkbox"/></td><td>Teknologi maklumat dan komunikasi (<i>Information and Communication Technology</i>)</td></tr> </tbody> </table>	<input type="checkbox"/>	Sains tulen ( <i>Pure Science</i> )	<input type="checkbox"/>	Sains gunaan ( <i>Applied Science</i> )	<input type="checkbox"/>	Teknologi dan kejuruteraan ( <i>Technology and Engineering</i> )	<input type="checkbox"/>	Sains kesihatan dan klinikal ( <i>Clinical and Health Sciences</i> )	<input type="checkbox"/>	Sains sosial ( <i>Social Sciences</i> )	<input type="checkbox"/>	Sastera dan sastera ikhtisas ( <i>Arts and Applied Arts</i> )	<input type="checkbox"/>	Warisan alam dan budaya ( <i>Natural Sciences and National Heritage</i> )	<input type="checkbox"/>	Teknologi maklumat dan komunikasi ( <i>Information and Communication Technology</i> )
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Ahli Kumpulan <i>Group member</i>	<ol style="list-style-type: none"> <li>Name: MUHAMMAD SYAZWAN BIN ZAMIRI No. Identification card: 970721-01-5753</li> <li>Name: ARIF NAQUIDDIN SHAH BIN ABD KHALID SHAH No. Identification card: 971008-01-5365</li> <li>Name: NOORIZAN BINTI AZAMAN No. Identification card: 970908-01-5876</li> <li>Name: NOORAIN SHAFINAZ BINTI SUBAHIR No. Identification card: 970707-14-5826</li> </ol>																
Penyelia <i>Supervisor</i>	Name: PUAN SUHAILA BINTI MISKAM No. Identification card: 770911-01-5440																
Abstrak <i>Abstract</i>	<p>This project is applied from observations based on the current manual method of laptops and study tables. The objective of this project is to design a table that combines the two elements in a table. Additionally, there are several scopes of the research that have been set up in this project, namely, producing a desk that has a solid design where the table can fit a laptop and in the same time put the stationery into the learning process. All these aspects are set out to solve some of the problems that arise with the use of existing methods among them, difficulties for consumers because they do not have enough space to handle their goods as well as to facilitate those left-handed. The material for this project should also have special features that are strong and environmentally friendly, based on the literature review conducted, pine wood pine is most suitable for this project. While for components generation process, a methodology study is used to plan the project's production process using a flowchart as a guide for project planning and production planning. As a result, the entire project has been successful with the use of more effective</p>																

	and multi-use tables than older products. Based on this result, the results of the analysis and discussion have been concluded that the Kirin Tables have achieved the objectives that have been discussed. Additionally, the table also proved to provide more convenience to users.	
Keyword <i>Keyword</i> (max 5 word)	Go green , Teaching and Learning	
Objektif Projek <i>Project Objectives</i>	Design and produce a multipurpose table for laptop and study tables.	
Skop Projek <i>Project scope</i>	The study was conducted around the city of Alor Gajah, Melaka town and Ayer Keroh which is the area that houses most of the institutions in the country. The study is conducted for five months from June until October 2016.	
IP No	nil	
Dapatan <i>Finding</i> (500 words max)	the findings from the data analysis were determined. The data obtained were analyzed using a method which was the questionnaire method. At the beginning of this questionnaire, it was more about the public awareness especially Merlimau Melaka Polytechnic students about the importance of the "GO" concept GREEN "in the preservation of the environment. Then, discussions on ergonomic concepts to consumers. Subsequently, the discussion will touch on the components of the variance associated with dependability achievement scores. Finally, a description based on the analysis of each question. A total of 30 respondents have responded to the questionnaires that have been distributed. Respondents' selection meets the target of study. Our average respondents comprise Politeknik Merlimau Polytechnic students aged between 18 and 21 years old. They are mostly students from the mechanical department. Many of the 33.3% are boys and 66.67% are female students.	
Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i> (500words)	Overall, the resulting table project can be an example to Malaysian timber makers in order to produce more helpful and effective tables for consumers. This can give consumers satisfaction and comfort when using tables made of pine wood pine or other wood. The 'Kirin Table' table is also very useful for users who use laptop or writing because it is equipped with USB fan, wireless power bank and others. According to the findings, the go green concept is strongly emphasized because in the era of globalization this user should use recyclable items to avoid defiling the country. With re-use of products includes the use of substances in preserving their original form or alternatively with or without change. In most cases, the familiar tables may be reused as a substitute for the purchase of new products. Subsequently, it can reduce solid waste and preserve natural resources. The old pine wood pallet can also be used as a handicraft material because if the wood burning is unlawful.	
Gambar berkaitan projek <i>Picture related to project</i> (700kb)		

	<i>Figure 1</i>	<i>Figure 2</i>
Rating/Level	Jabatan Departments	

\* 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.