



BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT INFORMATION
Program <i>Program</i>	DHM
Jabatan <i>Department</i>	PERLANCONGAN DAN HOSPITALITI
Semester/ Tahun <i>Semester/ Year</i>	EMPAT
Tajuk Projek <i>Project Title</i>	THE EFFECTIVENESS OF NATURAL PRODUCT AS MOSQUITOES REPELLENT DROP
Jenis Projek <i>Type of Project</i>	INOVASI
Kategori Kluster Penyelidikan <i>Category/ research Cluster</i>	SAINS SOSIAL
Ahli Kumpulan <i>Group member</i>	<ol style="list-style-type: none"> 1. MUHAMMAD ZAHIN BIN MOHD ROESDI 991118-03-5787 2. AMIRRUL RAHMAN BIN MOHD YASIN 970123-14-6067 3. ABDUL RAZIQ BIN ABD RAHMAN 961129-14-5773 4. 5.
Penyelia <i>Supervisor</i>	AYLIN BINTI KAMARUDDIN 800425-01-5108
Penyelia Bersama <i>Co-Supervisor</i>	
Abstrak <i>Abstract</i>	<p>This research is to identify the innovation of Mosquito Repellent Drop based on the suitable objective, problem statement and research background. The research has been carried out throughout the students of Tourism and Hospitality Department at Politeknik Merlimau, Melaka. The problem statement is about fatal illnesses are problems that occur throughout the world such as dengue and the repellent products that available in the market now contain a lot of chemicals that endanger safety. The objective of this research is to determine the uses of lemongrass as main ingredient for natural mosquitoes repellent drop. Researchers have decided to choose 42 people respondent to respond about this research by using Statistical Package for the Social Science (SPSS) version 25 to analyze the</p>

	data. Therefore, mosquito repellent drop mostly can be accepted among students in Tourism and Hospitality Department in Politeknik Merlimau, Melaka.
Keyword <i>Keyword</i> (max 5 word)	Lemongrass Cloves Repellent
Objektif Projek <i>Project Objectives</i>	<ol style="list-style-type: none"> 1. To determine the uses of lemongrass as main ingredient for natural mosquitoes repellent drop. 2. To study the level of acceptance among students of tourism and hospitality in Politeknik Merlimau, Melaka.
Skop Projek <i>Project scope</i>	The scope of this study involves the students of tourism Semester 4 (DUP 4) of Tourism and Hospitality departments.

IP No	
Dapatan <i>Finding</i> (500 words max)	<p>overall score is 3.40 for interpretation is medium. The most highest mean score among 10 questions is question number 9 which is 3.69, respondent said the smell created by this product makes respondent feel nauseous and uncomfortable. The second highest score mean is 3.60 which is number 10, the respondent prefer It does not cause any side effects to the body. (watery eyes, shortness of breath, itching etc)Next, the third highest mean score is 3.55 which is number 2 and 4, the respondent prefer this product does not give a reaction when exposed to the skin and the colour of this product is a bit unattractive.The highest medium score is 3.48, which is number 3, the product's concentration is in good condition.</p>
Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i> (500words)	<p>As for the recommendation of product for future research, always keep the cleanliness during the process of the product. This is because, to avoid the cause of cross contamination of the product that might effect the products. Secondly, is to use the proper amount of essential oil lemongrass for each of the portion. The reason is to make sure that the amount of the essential oil lemongrass for each serving is not too high to keep the healthy benefits that provide by the product. In term of lifespan, the researcher should use the suitable preservative in order to keep the product long lasting to use. Besides, from the survey that the researcher had, the respondent suggested product to be commercialized. The researchers are not to do so and to meet the satisfaction since the researcher decided to remain for the Politeknik Merlimau Melaka only.</p>
Gambar berkaitan projek <i>Picture related to project (700kb)</i>	<p>The diagram illustrates the process of creating lemongrass essential oil in five steps:</p> <ol style="list-style-type: none"> Prepare the ingredients. (Image showing lemongrass stalks, lemons, and a small container) Wash and cut the top and bottom of the lemongrass (Image showing hands cutting a stalk) Strain the boiling water (Image showing a pot of liquid being poured through a strainer into a cup) Let it cool down then put xanthan gum and 5 drops of essential oil. (Image showing a hand adding drops from a bottle into a cup) Lastly, fill it in the bottles. (Image showing a finished bottle of oil)

Rating/Level	JABATAN	

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.

