
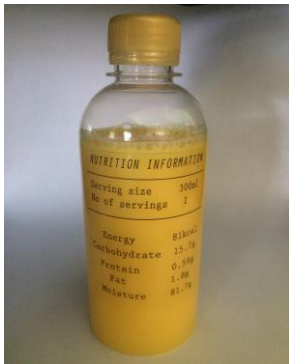


BORANG INVENTORI PROJEK PELAJAR

| PERKARA | MAKLUMAT INFORMATION | | | | | | | | | | | | | | | | |
|--|--|--------------------------|-------------------------------------|--------------------------|---|--------------------------|--|--------------------------|--|--------------------------|---|--------------------------|--|--------------------------|---|--------------------------|---|
| Program <i>Program</i> | Diploma Hotel Management | | | | | | | | | | | | | | | | |
| Jabatan <i>Department</i> | Tourism and Hospitality Department | | | | | | | | | | | | | | | | |
| Semester/ Tahun <i>Semester/ Year</i> | Semester 4 / Year 2 | | | | | | | | | | | | | | | | |
| Tajuk Projek <i>Project Title</i> | To study the acceptance level of Frutti Smoothie among student Polytechnic Merlimau Melaka | | | | | | | | | | | | | | | | |
| Jenis Projek <i>Type of Project</i> | Product | | | | | | | | | | | | | | | | |
| Kategori Kluster Penyelidikan <i>Category/ research Cluster</i> | <p>Tanda “ / ” pada yang berkenaan: <i>Please tick “ / ” where applicable:</i></p> <table border="1"> <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 iktisas (<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> </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 iktisas (<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>) |
| <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 iktisas (<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>) | | | | | | | | | | | | | | | | |
| Ahli Kumpulan <i>Group member</i> | 1. Name: Nurul Aimi Binti Shaari No. Identification card: 970802-01-6010 2. Name: NurulIzyan Nabilah Binti Harun No. Identification card: 971106-10-5364 3. Name: Muhammad Nur Suhaimi Bin Ahmad Jaafar No. Identification card: 940818-13-5383 | | | | | | | | | | | | | | | | |
| Penyelia <i>Supervisor</i> | Name: Puan Marni Binti Md. Zali No. Identification card: 840816-06-5598 | | | | | | | | | | | | | | | | |
| Penyelia Bersama <i>Co-Supervisor</i> | 1. Name: No. Identification card: | | | | | | | | | | | | | | | | |
| Abstrak <i>Abstract</i> | <p>Mostly, the typical kitchen waste cause are from fruit and vegetables waste. People love for its juice and tend to discard fruit skin for the fact that it doesn't taste as great as the juice. The peeling have about the same nutritional value as the flesh itself. Malaysians also waste up to 300 liters of water per person a day on average and waste plenty of food. Malaysian waste around 8,000 or 9,000 tons of it each day, to be precise and during the month of Ramadan, which lasts from May 26 to June 24 this year, the amount of food waste rises exponentially. The researchers took this opportunities to make a frutti smoothie to help reduce the waste and save the environment. However, the most of smoothie in market widely only used flesh of fruit tend to discard the fruit skin. The purpose of this research is to create eco-green and eco-friendly smoothie by using waste of fruit skin plus to investigate the acceptance level of orange peel smoothies among students of Polytechnic Merlimau. Researcher had conducted research by distribute questionnaire to selected respondent in Tourism and Hospitality Department which is involve 30 respondent. This research involve 10 respondent from DHM Semester 1, 10 respondent from</p> | | | | | | | | | | | | | | | | |

| | |
|---|---|
| | DHM Semester 2, 5 respondent from DHM Semester 3 and 5 respondent from DHM Semester 4. Based on this research, the finding shows the acceptance of the product is very high which mean score is 4.14. The interpretation in high and the level is good. |
| Keyword <i>Keyword</i> (max 5 word) | Healthy drink, fruit skin, food waste, smoothie |
| Objektif Projek <i>Project Objectives</i> | (1) To study the nutritional content of Frutti Smoothie (2) To investigate the acceptance level of Frutti Smoothies among students of Polytechnic Merlimau. |
| Skop Projek <i>Project scope</i> | Adult, children, teenagers, food and beverage industry |
| IP No | |
| Dapatan <i>Finding</i> (500 words max) | Based on SPSS System, this is the result of acceptance level of Frutti Smoothie among student Politeknik Merlimau, Melaka. The highest means score is 4.30 which is the taste. The interpretation of the taste is high and the level is good. The second higher is 4.23 which is the texture. The interpretation of the texture is high and the level is good. Third higher mean score is 4.13 which is the smell. The interpretation of the smell is high and level is good. The lowest mean score is 3.93 which is the colour. The interpretation of the colour is high and the level is good. Researchers get the total average for the mean score is 4.14 which is the interpretation is high and the level is good. |
| Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i> (500words) | <p>The future researchers can use different fruits such as peel of banana, peel of mango or peel of apple. Each of the fruits have their own benefit and nutritional fact and content. The future researchers must know the benefit and nutritional of this fruits before using it to produce a new product.</p> <p>Next, for the packaging, the researchers use plastic bottle for this research because of time constrain. The researchers suggest to the future researchers to use transparent sealed plastic or glass bottle for the packaging. People will more interested with packaging of a product when the design are unique. The suggestion for future researchers is approach the respondent directly after the respondent class dismiss or deal with the class representative of respondent. researchers also take full attention the way how to keep the product from easily expired. The smoothie must and need to keep in refrigerator to avoid from expired in short period.</p> |

| | | |
|---|--|--|
| <p>Gambar berkaitan projek</p> <p><i>Picture related to project (700kb)</i></p> |  <p><i>Figure 1</i></p> |  <p><i>Figure 2</i></p> |
| <p>Rating/Level</p> | <p>Jabatan/ Politeknik/ Kebangsaan/ Antarabangsa Departments / Institutes / National / International</p> | |
| | | |

* 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

