



## BORANG INVENTORI PROJEK PELAJAR

| PERKARA                                                                   | MAKLUMAT<br>INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Program<br><i>Program</i>                                                 | DET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Jabatan<br><i>Department</i>                                              | KEJURUTERAAN ELEKTRIK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Semester/ Tahun<br><i>Semester/ Year</i>                                  | LIMA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Tajuk Projek<br><i>Project Title</i>                                      | PORTABLE FERTIGATION GREEN SYSTEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Jenis Projek<br><i>Type of Project</i>                                    | INOVASI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Kategori Kluster<br>Penyelidikan<br><i>Category/<br/>research Cluster</i> | TEKNOLOGI DAN KEJURUTERAAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Ahli Kumpulan<br><i>Group member</i>                                      | 1. NAZATUL AIN BINTI RAZAK<br>990214-04-5374<br>2. IFFAH SYAKIRAH BINTI AMRAN<br>990111-04-5558<br>3.<br>4.<br>5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Penyelia<br><i>Supervisor</i>                                             | ZAIFUL HIZAM BIN HAMIDON<br>750927-08-6253                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Penyelia Bersama<br><i>Co-Supervisor</i>                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Abstrak<br><i>Abstract</i>                                                | <p>Portable Fertigation Green System is an automation plant sprinkler device. This idea begins when observing more urban residents less for the activity. Most of the city living room have limited space for gardening and the process of maintaining it. In addition, most people are too lazy to water the plants in the garden in the extra house in the summer. So that is also our strongest reason to create this project. This system can also be used in offices, farms or even factories. This system is very helpful among busy and busy individuals when they go to work despite long vacations.</p> |

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|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Keyword<br><i>Keyword</i><br>(max 5 word)    | fertigation                                                                                                                                                                                                                                                                                                                  |
| Objektif Projek<br><i>Project Objectives</i> | <ol style="list-style-type: none"> <li>1. To overcome lacks space for fertigation activities for the people lives at condominium in urban places and cities.</li> <li>2. To help farmer works in cultivation type fertigation system.</li> <li>3. Build software to control automatic fertilizer mixture process.</li> </ol> |
| Skop Projek<br><i>Project scope</i>          | <ol style="list-style-type: none"> <li>1. Residents of terraced houses/condominium that lack of space for fertigation.</li> <li>2. Use hardware development.</li> <li>3. Use water mixed with fertilizer.</li> </ol>                                                                                                         |

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|-----------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------|
| IP No                                                                                               |                                             |                                                                                     |
| Dapatan<br><i>Finding</i><br>(500 words max)                                                        | 1. lecturer<br>2. supervisor<br>3. research |                                                                                     |
| Cadangan untuk<br>kerja-kerja akan<br>datang<br><i>Suggestion for<br/>future work</i><br>(500words) | automation plant system                     |                                                                                     |
| Gambar berkaitan<br>projek<br><br><i>Picture related to<br/>project (700kb)</i>                     |                                             |  |
| Rating/Level                                                                                        | JABATAN                                     |                                                                                     |

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*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.*

