**Form I – 3A**

**INTERN’S DAILY DIARY**

*(To be filled by the Intern- Please ensure to upload duly filled set of forms at end of four weeks to the provided folder)*

**Intern’s Information**

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| Intern’s Name | **H.K.Gayashan** | Student ID | **IT17025140** |

**Internship Information**

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| Internship Title | **Data science intern** | Specialisation | **Data Science** |
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| Supervisor Name | **Harsha Jayatunga** | | |

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| **Training Information For the Week** (to be filled by the intern) | |
| **DATE** | **DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERED AND HOW SOLVED ETC., SKETCHES AND DIMENSIONS TO BE GIVEN WHEREVER POSSIBLE.** |
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| 10/02/2020 | * I got familiar with the company and their working environment. * Got an idea about the factory process as well as the working patterns and how they contribute in different ways and the way continue with the process and assigned works. |
| 11/02/2020 | * I would be able to understand the related works and the project that has assigned to me. * I have investigated several technologies, how different frameworks support for the implementation and their importance to the project. * Finalized the frameworks, technologies and ide after the discussion with Dr Sapumal. |
| 12/02/2020 | * Installed the software, ides and other related files and setup the laptop. * I followed up some tutorials regarding the frameworks and technologies to get familiar on those areas. * Tried to develop small REST API using python. |
| 13/02/2020 | * Had a self-study on how to developed REST API using Python with Flask. >To do that watched several blogs, tutorials and videos. * Tried to developed REST API. * Tried to fixed the errors that occurred while developing the code using tutorials and videos. * Had a brainstorming discussion with Dr. Sapumal . |
| 14/02/2020 | * Today I tried to developed a microservice REST API using python. To do this task I watched several videos and studied lot of blogs, articles. After lots of self-study I was able to develop a microservice without run time error. But I was unable to deploy it. * Had a field visit at the Sierra cables factory with Mr. Nishantha and had a discussion thing related to my project and get information. |

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| **SUPERVISOR COMMENTS FOR THE WEEK** |
| Work on improving background knowledge of the core technologies used for project. |

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| **Supervisor’s Signature** |  | **Date** | **2/14/2020** |