**DBT 1303 Software Development**

**Development in Python Report**

**Context**

You have been recently assigned to a software development project to produce a software product that enables the car park administrators manage the vehicle traffic in the several car traffic sites around the city.

* Software to allow only authorized car park administrators to use
* Software to allow car park administrators to be added to it
* Software to allow car park administrators to car parks
* Software to allow car park administrators to add vehicles to a car park

**Requirements**

Submit the project in 2 phases as indicated below:

**Phase One – Saturday 31st July 2021**

Report detailing:

* Justification for the chosen Agile methodology to conduct the project
* Requirements modelling by presenting a use case and class diagram for identified requirements after requirements elicitation

**Phase Two – Saturday 14 August 2021**

Report showing

* Pseudocode of your python program
* Link to your Python program (source code) stored in Github saved using your student number then unit code. For example ***dbitlmr123418-DBT1303PythonProject***
* Outcome of your code review using Python best coding practices, in particular demonstrating documentation and use of docstring and docutest.

**\*\*\*\*\*Each report should NOT exceed more than 7 pages – inclusive of cover page\*\*\*\*\*\***