DEPARTMENT OF INFORMATION SYSTEMS

BUSINESS INTELLIGENCE 3 INDIVIDUAL ASSIGNMENT

DUE DATE: 23rd September 2021

INSTRUCTIONS:

This is an individual assignment. You are required to study and understand chapter 11 (which will be a self-study) of the textbook, *Business Intelligence and Analytics – Systems for Decision Support by R Sharda, D Delen, and E Turban* (Recommended reference textbook), in order to answer the assignment questions.

Write-up Information: The submission document should be a PDF file. Your cover page must include your details (student Numbers, initials, and surnames). Use Harvard or DUT Harvard referencing style with in text references, if necessary.

Late Submission will not be entertained!

The following questions are based on chapter 11.

1. Identify four other industries whereby optimization models can be adopted in today's world. **[4 Marks]**

2. With the knowledge drawn from Application Case 11.3, what could be other situations where such expert systems, as demonstrated, can be employed? **[2 Marks]**

3. Drawing from the understanding from Application Case 11.4, how often do you think that the existing expert systems, once built, should be changed? **[2 Marks]**

4. Why is it important to evaluate the expert systems before they are put into use? Explain. **[2 Marks]**