

**College of Administrative and Financial Sciences**

**Assignment 2**

**MGT425-Spreadsheet Decision Modeling**

**Deadline: 25/3/2021 @ 23:59**

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| Course Name: Spreadsheet Decision Modeling | Student’s Name: |
| Course Code: MGT425 | Student’s ID Number: |
| Semester: 2 | CRN: |
| Academic Year: 1441/1442 H |

**For Instructor’s Use only**

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| Instructor’s Name: |
| Students’ Grade: Marks Obtained/Out of | Level of Marks: High/Middle/Low |

**Instructions – PLEASE READ THEM CAREFULLY**

* The Assignment must be submitted on Blackboard (**WORD format only**) via allocated folder.
* Assignments submitted through email will not be accepted.
* Students are advised to make their work clear and well presented, marks may be reduced for poor presentation. This includes filling your information on the cover page.
* Students must mention question number clearly in their answer.
* Late submission will NOT be accepted.
* Avoid plagiarism, the work should be in your own words, copying from students or other resources without proper referencing will result in ZERO marks. No exceptions.
* All answered must be typed using **Times New Roman (size 12, double-spaced)** font. No pictures containing text will be accepted and will be considered plagiarism).
* Submissions without this cover page will NOT be accepted.

**Course Learning Outcomes-Covered**

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| PLO | Course Learning Outcome (CLO) | Question |
| 2.2 | Demonstrate the tools for deciding when and which decision model to use for specific problems. | Question 1 |
| 2.5 | Ability to find some structured way of dealing with complex managerial decision problems | Question 2 |
| 4.1 | Employ decision analysis for organizational effectiveness related to decision making, problem solving and general operational performance effectiveness | Question 3 |

**Assignment Instructions:**

* **Log in to Saudi Digital Library (SDL) via University’s website**
* **On first page of SDL, choose “English Databases”**
* **From the list find and click on EBSCO database.**
* **In the Search Bar of EBSCO find the following article:**

Title: “An Analytic Hierarchy Process Approach in Decision-Making for Material Selection in an Automotive Company: A Case Study”

Author: Cheng Jack Kie, Ahmed Khalif Hassan, Norhana Mohd Aripin, Rafiuddin Mohd Yunus.

Date: August 18, 2019

**Assignment Questions: (Marks 05)**

Read the above study titled as “An Analytic Hierarchy Process Approach in Decision-Making for Material Selection in an Automotive Company: A Case Study” by Cheng Jack Kie, Ahmed Khalif Hassan, Norhana Mohd Aripin, Rafiuddin Mohd Yunus, and answer the following Questions:

1. Explain the decision-making approach discussed in this study (300-400 words) 2 Marks
2. What is the main purpose of this study and how it is helpful for Automotive Company? (200-300 words) 1.5 Marks

1. What are your observations about this study and how it is related to the learning in course and beneficial for you? (200-300 words) 1.5 Marks

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| Rubric | Excellent (5) | Very Good (4) | Good (3) | Unacceptable (2) |
| Marks: (100%) | Marks: (100%) | Marks: (80%) | Marks: (60%) | Marks: (40%) |
| Content (70%) | Answer all questions and provide support for arguments. | Answer all questions but no support for arguments. | Answer two questions, but no support for Arguments. | Answer only one question, but no support for Arguments. |
| Writing and Format (30%) | Perfectly written and formatted | Adequately written and formatted | Satisfactorily written and formatted | Completely written and formatted  |

**Answers:**