EEM 6753 Engineering Supply Chain Management

LAWRENCE TECHNOLOGICAL UNIVERSITY

Fall 2020

Homework 5

Due: October 1, 5:45 pm

Literature Review Section of Your Final Supply Chain Project

Prepare your literature review section of your final project. It should have 3-5 paragrpahs. It must be related to your course final project. You can use below formatting for your literature review section write up. You can see literature review section of journal papers as a guide.

**2. Literature Review**

If author is mentioned at the beginning for the citation:

Rener (2020) developed the SC network with uncertainty. - For Single author

Rener and Ali (2020) developed the SC network with uncertainty. - For two authors

Rener et al. (2020) developed the SC network with uncertainty. - For more than two authors

or if author is mentioned at the end for the citation:

SC network was developed with uncertainty (Rener 2020). - For single author

SC network was developed with uncertainty (Rener and Ali 2020). - For two authors

SC network was developed with uncertainty (Rener et al. 2020). - For more than two authors

**Full details should be provided at the end for Reference Section:**

Rener, A., Optimization of the supply chain network using uncertainty, *International Journal of Industrial Engineering and Operations Management*, vol. xx, no. xx, 2020.

Rener, A., and Ali, A., Optimization of the supply chain network using uncertainty, *International Journal of Industrial Engineering and Operations Management*, vol. xx, no. xx, 2020.

Rener, A., Ali, A., and Reimer, D., Optimization of the supply chain network using uncertainty, *International Journal of Industrial Engineering and Operations Management*, vol. xx, no. xx, 2020.

**Few aspects to be considered to prepare a literature review:**

* Introductory write up for literature review
* Make sure to add some recent references
* Avoid paper-by-paper review. It should be based on category. Similar topics, applications or tools could be added in one paragraph. Few citations should be in a paragraph.
* A summary paragraph should be added.

## -----------------------------------------------------

## ***Tentative Structure of the Final Report of your supply chain course project***

## **Title**

## **Author and affiliation**

## **Abstract**

## **1. Introduction (12 font)**

## Add introduction here including motivation of the research (why this research is important / why this research is needed), and problem statements. (10 font)

## **1.1 Objectives (11 font)**

## Add research objectives here. Make sure to fulfil all the research objectives at the end and articulate in the conclusion. Focus on key unique research contributions (10 font)

## **2. Literature Review (12 font)**

## Add literature review here (10 font)

## **3. Methods (12 font)**

## Add methods here (10 font)

## **4. Data Collection (12 font)**

## Add data collection here. (10 font)

## **5. Results and Discussion (12 font)**

## **5.1 Numerical Results (11 font)**

## Add numerical results here. Make sure to describe all tables and add inferences (10 font)

## **5.2 Graphical Results (11 font)**

## Add graphical results here. Make sure to describe all figures and add inferences. If needed, add statistical analysis here. (10 font)

## **5.3 Proposed Improvements (11 font)**

## Add propose improvements write here including additional numerical and graphical results (10 font)

## **5.4 Validation (11 font)**

## Add any validation here including improvement with statistical hypothesis tests write here (10 font)

## **6. Conclusion (12 font)**

## Add conclusion here. Make sure to address that all objectives are met and emphasize of unique research contribution (10 font)

## **References (12 font)**

## Add references here. Make sure to follow IEOM reference format. See details at the end. (10 font)

Rahman, M. A., Sarker, B. R., and Escobar, L. A., Peak demand forecasting for a seasonal product using Bayesian approach, *Journal of the Operational Research Society*, vol. 62, pp. 1019-1028, 2011.

Reimer, D., Entrepreneurship and Innovation, Available: http://www.ieomsociet.org/ieom/newsletters/, July 2020.

Reimer, D., and Ali, A., Engineering education and the entrepreneurial mindset at Lawrence Tech, *Proceedings of the 3rd Annual International Conference on Industrial Engineering and Operations Management*, Istanbul, Turkey, July 3 – 6, 2012, pp. xx-xx.

Reimer, D., Title of the paper, *Proceedings of the 5th North American International Conference on Industrial Engineering and Operations Management*, Detroit, Michigan, USA, August 10-14, 2020, pp. xx-xx.

Shetty, D., Ali, A., and Cummings, R., A model to assess lean thinking manufacturing initiatives, *International Journal of Lean Six Sigma*, vol. 1, no. 4, pp. 310-334, 2010.

**Biography (12 font)**

Add each author biography – limited to 250 words. (10 font)