**Client Report**

**Word Count:** 2000 words(Executive Summary, TOC, Introduction, Conclusion, and References are not included in the word count)

**Assessment Aim:** This assessment aims to apply the fundamental principles and practices of operations and supply chain management from all the sessions. Assuming the role of Strategy and Operations Manager, apply the tasks, tools and underlying principles of operations and supply chain management in the chosen manufacturing or service company to improve their organisational performance.

**Context:** The CEO of your chosen company asked you to detail the supply chain design of one of the products (pick a product from your chosen company) to a high-value based operations located in Singapore. Examples of high-value-based activities include advanced and flexible manufacturing, smart factory, R&D, smart warehousing, digital technology, precision engineering, biotechnology, etc. Merely describing these activities from internet sources will not be sufficient. You will need to prove and justify your recommendations using

appropriate models or supporting evidence.

**Company name:** Li Auto Inc

**Assessment requirement:**

In a group, develop a report for presentation to the CEO and/or Board of Directors of your chosen company, focusing on related issues in operations and supply chain management aspects, such as relocation and reshoring, technology, operations and supply chain, inventory, quality, sustainable development and circular economy challenges.

1. Develop a supply chain report for the chosen product for relocation in Singapore.

2. The report is to address the following:

a. Identify and draw a multi-tier supply chain (SC) and value-adding activities from all suppliers to the end customers (upstream and downstream) domestically and internationally, including:

ü Materials, information, and financial flows

ü Specific modes of transportation must be identified using appropriate icons, (e.g. if

using a train, use a train icon).

ü Identification and name of the (real-world) organisations in the SC, where possible.

b. Describe and discuss supply management and logistics issues from suppliers to final customers.

ü These decisions MUST be feasible and relevant to the product and customers.

c. Describe and discuss quality issues throughout the SC.

d. Describe and discuss inventory management issues throughout the SC.

e. Critically think about, describe and discuss the potential impacts of disruptive change, emerging

Industry 4.0 technologies (i.e. Artificial Intelligence, Internet of Things, 3D Printing, Big Data

Analytics, Cloud Computing, Blockchain, etc), sustainable development, and shifting geo political power and alignments on the supply/value chain.

**Structure:**

Use the following Report structure:

**1. Title page**

**2. Executive summary**

**3. Table of Contents**

**4. Introduction**

**5. Discussion and Recommendations**

ü Addresses each of the requirements shown in Assessment Requirements above at points 2(a)- (e) above.

**6. Conclusion and limitations of this report**

**7. Reference (APA7th style)**

**8. Appendices (optional)**