

Supply Chain Information Operation Model for Lifelong Learning in the National Credit Bank Format

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Abstract— The objectives of this research to develop supply chain information operation model for lifelong learning in the national credit bank format and to evaluate the model. The sample groups were ten experts in supply chain. The research tool was evaluation form to evaluate supply chain information operation model for lifelong learning in the national credit bank format comprises five main components, namely Suppliers, Manufacturer, education customers and The data analysed by using arithmetic mean and standard deviation. The overall evaluation result about supply chain information operation model for lifelong learning in the national credit bank format was a high level, suggesting that supply chain information operation model for lifelong learning in the national credit bank format to support sustainable Information system development.

Keywords— *Supply Chain, Information Operation Model, Lifelong Learning, National Credit Bank Format*

1. Introduction

Nowaday, National Credit Bank is expecting to advance exchange and commercialisation within the higher instruction division, incorporate Credit Bank will empower understudies to profit different passage and exit alternatives in higher education educate and choose a tailor-made degree, other than permitting multiple section and exit in scholarly programs. It'll make higher instruction all the more shallow, poor, questionable and degenerate. Within the nonattendance of common criteria and guidelines of appraisal, credit exchange will be exceedingly disadvantageous to understudies [18]. Idea about supply chain management and information system is applied to the national credit bank format. It will be optional, according to the criteria or the constraints in the society and technology. because the business and industrial sector needs to be highly competitive due to

increasingly high competitions from both within and outside the country. In order to be highly competitive, organizations in the sector need to have personnel with knowledge, ability and skills who can work efficiently to increase output and products. The organizations, therefore, need to have sufficient information and resources to increase their values and respond to the demand of their clients. Thus, the supply chain management process is a key process to support the organization's whole activities system from upstream to downstream. It enables the organization to promptly check the information system to ensure that the organization operates smoothly and effectively based on the determined strategies. [1] Based on realization, researcher has decided to develop supply chain information operation model for lifelong learning in the national credit bank format for application to increase satisfaction of consumers

2. Literature review

Supply chain and information is an one of the components of supply chain that can offer both improved performance. It enables curriculum to maintain key information in an accessible format and helps to take an operational and planning decisions. The adoption and successful implementation of software and network technology contribute in a large way for the supply chain success facilitating the flow of information and enhancing the efficiency of supply chain activities.

Supply chain is the active management of supply chain activities to maximize customer value and achieve a sustainable competitive advantage. It represents a conscious effort by the supply chain cooperative to develop and run supply chains in the most effective & efficient ways possible. Supply chain activities cover everything from product

development, sourcing, production, and logistics, as well as the information systems needed to coordinate all activities. [19]

3. Research Methodology

The research methodology about supply chain information operation model for lifelong learning in the national credit bank format comprised 8 step, as follows:

3.1 Read to the elements of supply chain information operation model for lifelong learning in the national credit bank format

3.2 Interviewing the expert about supply chain information operation model for lifelong learning in the national credit bank format

3.3. Design supply chain information operation model for lifelong learning in the national credit bank format

3.4 Present supply chain information operation model for lifelong learning in the national credit bank format to the advisors for consideration and revision.

3.5. Create the evaluation tools for evaluate supply chain information operation model for lifelong learning in the national credit bank format

3.6 Present the designed supply chain information operation model for lifelong learning in the national credit bank format to the ten experts in supply chain.

3.7 Supply chain information operation model for lifelong learning in the national credit bank format modified according to the experts' suggestions.

3.8 Analyze the results of evaluation about supply chain information operation model for lifelong learning in the national credit bank format by mean and standard deviation consisting of 5 criteria for evaluation according to the idea of Likert scale.

4. Results

Supply chain information operation model for lifelong learning in the national credit bank format are shown in Figure 1.

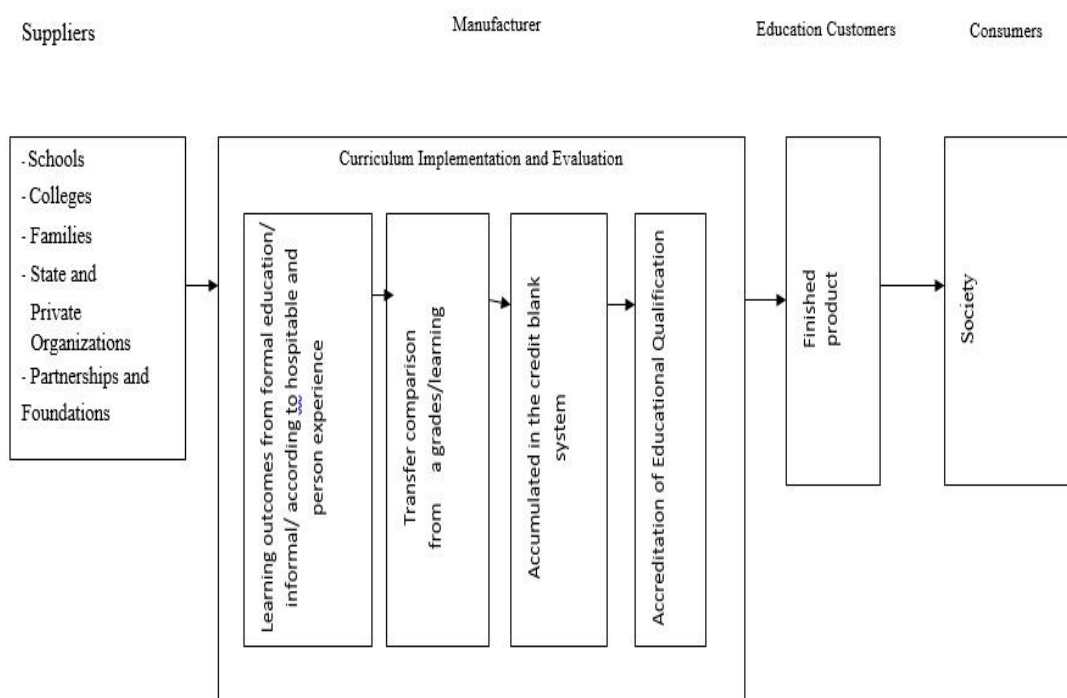


Figure 1: Supply chain information operation model for lifelong learning in the national credit bank format

4.1 Suppliers

The businesses that provide raw materials to the manufacturer are referred to as suppliers. Students who have completed two-year colleges or high schools, as well as those who are admitted based on special quotas, are the raw materials in this situation. They can use the computer system that can process and save the data to submit an application for admission

4.2 Manufacturer..

The manufacturer implies the college that

produces graduated understudies. It performs the obligation to convert crude materials, or entering understudies, into the wrapped up items of qualified graduated understudies. The college will perform its obligation of understudy advancement and assessment agreeing to the criteria approximately national credit bank organize of each movement, to be specific, learning results from formal instruction/ casual/ concurring to affable and individual involvement, Transfer comparison from a grades/learning, Gathered

within the credit clear framework, Accreditation of Instructive Qualification.

4.3 Education Customers

Education customers mean students who graduate from the university.

4.4 Consumers

The consumers mean the end-of-process component of the model . They include the society in general.[1],[2],[3],[4],[5],[6],[7],[8],[9],[10],[11],[12],[13],[14],[15],[16], [17] .

Table 1: Results for evaluation about Supply chain information operation model for lifelong learning in the national credit bank format

No	Evaluation Lists	\bar{X}	S.D.	Suitability
1	Main components	3.67	1.03	High
2	Suppliers	3.04	1.34	High
3	Manufacturer	3.70	1.41	High
4	Education Customers	3.60	1.26	High
5	Consumers	3.70	1.59	High
	Summary	1.48	0.77	High

Table 1, The experts found that Supply chain information operation model for lifelong learning in the national credit bank format is highly appropriate ($\bar{X} = 1.48$, S.D. = 0.77).

5. Discussion

Supply chain information operation model for lifelong learning in the national credit bank format is considered to be high appropriate ($\bar{X} = 1.48$, S.D. = 0.77), and the design was corresponds to the research of Chansamut and Piriyasurawong has studied supply chain and information system about educational [1] and the study of chansamut suggesting that supply chain and information system.[2],[3],[4],[5],[6],[7],[8],[9],[10],[11],[12],[13],[14],[15],[16] and [17].

6. Conclusion

Supply chain information operation model for lifelong learning in the national credit bank format is appropriate at the high level development The rating mean of 3.68 and standard deviation of 1.48, which means that the model is appropriate at the high level .The paper demonstrates that it can support sustainable Information system development.

7. Recommendation

If possible Supply chain information operation model for lifelong learning in the national credit bank format should be create database for the developed model.

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