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Supply Chain Digital Model for Educational Management in the Credit Bank System

Artaphon Chansamut

Office of Dean, Faculty of Home Economic Technology, Rajamangala University of Technology Krungthep, Thailand

`artaphon.c@mail.rmutk.ac.th`

Abstract— **The paper about supply chain digital model for educational management in the credit bank system. The objectives of this research: research were to study supply chain digital model for educational management in the credit bank system and to access the efficiency development of the model .The sample groups were ten experts in supply chain. Data analysis was the average mean and standard deviation. The research was found that supply chain digital model for educational management in the credit bank system consists of seven components:** namely **main components, Suppliers, Manufacturer, graduated Students, Customers, Satisfaction and Feedback The results from experts agreement about supply chain digital model for educational management in the credit bank system was a high level. It showed that supply chain digital model for educational management in the credit bank system could be used to support the tasks.**

Keywords— *Supply Chain Digital Model, Educational Management, Credit Bank*

1. Introduction

The Thai government is aware of how important it is to make adjustments to the country in order to improve its capacity to compete with other nations on a global scale. The credit bank system is currently highly important. especially in educational development, which promotes product quality development. The credit bank system is a component of the new, highly flexible, institution-free system of learning that is available anytime, anyplace, and at any level. It also makes many entry and exit points possible for higher education. The method makes all academic programs career-relevant and integrates skills into the credit-based system. Its goal is to provide most students the freedom to decide what to study, when to acquire it, and where to pick up skills for a job. [18] So An. application of the concept of supply chain in digital is applied to the national credit bank system It will be optional, according to the criteria or the constraints in the society and digital. 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 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 study supply chain digital model for educational management in the credit bank system for application to increase satisfaction of consumers.

2. Literature Review

Supply chain digital 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 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 digital 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 digital activities cover everything from product development, sourcing, production, and logistics, as well as the information systems needed to coordinate all activities.

Digital system model for curriculum management base on national educational standards in Thai supply chain consists of seven elements namely Suppliers , Manufacture , customers, consumers, satisfaction, feedback All comprehensive view of the sub-component in terms and information flows in supply chain for order to meet its major challenge, and which is ensuring continuity between the data flow to optimize the curriculum supply.[19]

3. Research Methodology

3.1 Search an element about supply chain digital model for educational management in the credit bank system

3.2 Interviewing an expert about supply chain digital model for educational management in the credit bank system

3.3. Design supply chain digital model for educational management in the credit bank system

3.4 Supply chain digital model for educational management in the credit bank system to the advisors for revision.

3.5. Make the evaluation tools for evaluate supply chain digital model for educational management in the credit bank system

3.6 Present the designed supply chain digital model for educational management in the credit bank system to the ten experts in supply chain.

3.7 Supply chain digital model for educational management in the credit bank system modified according to the experts' suggestions.

3.8 Analyze the results of evaluation about supply chain digital model for educational management in the credit bank system by mean and standard deviation consisting of 5 criteria for evaluation according to the idea of Likert scale.

3.9 Final improvement of . supply chain digital model for educational management in the credit bank system based on suggestions from the experts.

4. Results

Supply chain digital model for educational management in the credit bank system are shown in Figure 1. as shown below:
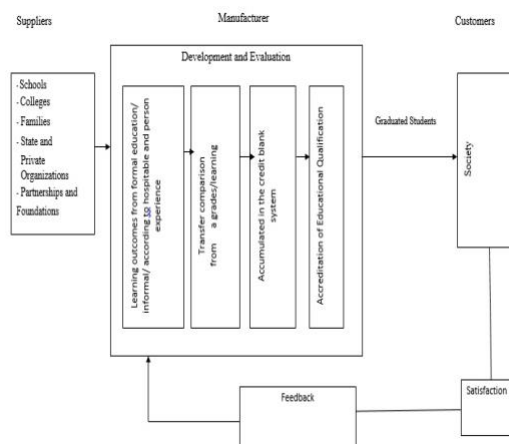

Figure 1: Supply chain digital model for educational management in the credit bank system

4.1 Suppliers

The suppliers mean the organizations that supply raw materials to the manufacturer. Raw materials in this case are students who graduated from high schools or two-year colleges, or students who receive special quotas for admission. They can apply for admission via the computer system that can process and store the data systematically.

4.2 Manufacturer

The manufacturer means the university that produces graduated students. It performs the duty to transform raw materials, or entering students, into the finished products of qualified graduated students. The university will perform its duty of student development and evaluation according to the criteria about national credit bank format of each activity, namely, learning outcomes from formal education/ informal/ according to hospitable and person experience, Transfer comparison from a grades/learning, Accumulated in the credit blank system, Accreditation of Educational Qualification.

4.3 Graduated Students

Graduated Students mean Finished product from the university or other relevant educational organizations

4.4 Consumers

The consumers mean the end-of-process component of the model . They include the society in general.

4.5 Satisfaction

Satisfaction refer to an important factor in doing any prosperous work. To generate satisfaction for the business owner or society.

4.6 Feedback

Feedback is the Information obtained from satisfaction analysis. [1],[2],[3],[4],[5],[6], [7],[8],[9],[10],[11],[12],[13],[14],[15],[16], [17]

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Table 1: Results for evaluation about supply chain operation model in digital for educational management in the credit bank system

No	Evaluation Lists	$\overline{X}$	S.D.	Suitability
1	Main components	3. 65	1.06	High
2	Suppliers	3.0 4	1.3 4	High

Table 1: Results for evaluation about supply chain operation model in digital for educational management in the credit bank system. (Cont.)

No	Evaluation Lists	$\overline{X}$	S.D.	Suitability
3	Manufacturer	3.70	1. 41	High
4	Graduated Students	3. 60	1.26	High
5	Consumers	3.70	1.59	High
6	Satisfaction	3.60	0.96	High
7	Feedback	3.60	1. 34	High
	Summary	3.55	0. 69	High

Table 1, The experts found that supply chain digital model for educational management in the credit bank system is highly appropriate ($\overline{X}$ = 3.55, S.D. = 0. 69).

5. Discussion

Supply chain digital model for educational management in the credit bank system is considered to be high appropriate ($\overline{X}$ = 3.55, S.D. = 0. 69). and the design was corresponds to the research of Chansamut and Piriyasurawong has studied supply chain and information system about educational [1] Moreover, the study of chansamut suggesting that supply chain and technology system too. [2],[3],[4],[5],[6],[7],[8],[9], [10],[11],[12],[13],[14],[15],[16], [17]

6 Conclusion

Supply chain digital model for educational management in the credit bank system is appropriate at the high level development The rating mean of 3.55, and standard deviation of 0. 69, which means that the model is appropriate at the high level It showed that supply chain operation model in digital for educational management in the credit bank system could be used to support the tasks.

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