55

Int. J Sup. Chain. Mgt   Vol. 12, No. 2, April 2023

Information Model for Supervision Management in the Cooperative Education for Higher Education Institutions in Thai Supply Chain

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Abstract— **This research study was to develop and to evaluate an appropriate about information model for supervision management in the cooperative education for higher education institutions in Thai supply chain. The sample consisted of ten experts on supply chain. Data analysis was the average mean and standard deviation. The research tool was questionnaire about information model for supervision management in the Cooperative Education for higher education institutions in Thai supply chain comprises five main components, namely suppliers, manufacturer, Education customers, Consumers. The results from ten experts agreement of about information model for supervision management in the cooperative Education for higher education institutions in Thai supply chain was a high level which means that model can develop information model for supervision management in the cooperative Education for higher education institutions in Thai sustainable supply chain**

Keywords— *Information Model, Supervision Management in the Cooperative Education, Higher Education Institutions, Thai Supply Chain*

1. Introduction

Nowadays-operative Instruction has realized the significance of altering the nation to extend its capability to compete with other countries in each angle that's to say Co-operative Instruction is an coordinates show comprising of an scholarly learning component and an Experiential Learning component. The scholastic and Experiential Learning components are forbid. The scholastic component is advertised by formal enlightening (classroom instructing) in address rooms, and is supplemented by test work in research facilities. The Experiential Learning component is as a rule completed in it's aggregate in industry, commerce or the public segment. The Experiential Learning component needs to permit for career improvement as focussed on the display needs, the brief term anticipated needs as well as the anticipated long-term needs of both the labourer (understudy) and the manager. Experiential Learning comprises of a organized program and it is arranged concurring to "work portrayals" and career requireme.[8] The agreeable instruction framework is an significance for the organization. So the concept almost supply chain and data for supervision administration within the agreeable instruction. It'll be discretionary since the trade has to be profoundly competitive due to progressively tall competitions from both within and exterior the country. In arrange to be exceedingly competitive, organizations within the division ought to have personnel with information, capacity and abilities who can work proficiently to extend yield . The organizations, therefore, have to be have adequate data and assets to extend their values and react to the request of their clients. Hence, the supply chain administration handle could be a key prepare to bolster the organization's entirety exercises framework from upstream to downstream. It empowers the organization to expeditiously check the data framework to guarantee that the organization works easily and viably based on the decided strategies. [1] Based on realization, researcher has decided to develop and to evaluate an appropriate about information model for supervision management in the cooperative education for higher education institutions in Thai supply chain.

2. Research Methodology

2.1 Synthesize document about information model for supervision management in the cooperative education for higher education institutions in Thai supply chain.

2.2. Develop information model for supervision management in the cooperative education for higher education institutions in Thai supply chain from study the step 1

2.3. Evaluate information model for supervision management in the cooperative education for higher education institutions in Thai supply chain.

Data analysis was the average mean and standard deviation following the weighing criteria of Appropriateness of the design using five rating scales of Likert.

4. Research Findings

Research findings about information model for supervision management in the cooperative education for higher education institutions in Thai supply chain. are presented in Figure 1 for the whole model in Tables 1 – 2
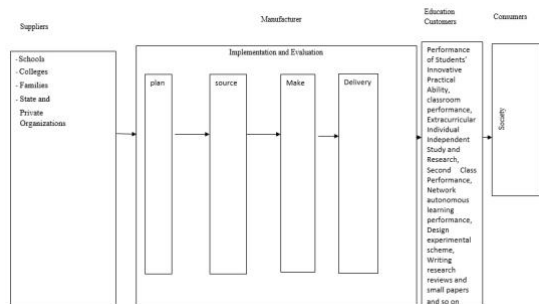

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Figure 1: Information model for supervision management in the cooperative education for higher education institutions in Thai supply chain.

Table 1: Stakeholders each process is related to the following activities

Stakeholders	Activities in supply chain	Needs for agile Supply chain
Stakeholders: 1. School 2. College 3. Family 4. State and Private Organizations	- Supplying graduated high school students - Supplying self-supported students - Providing funding support for study - Providing educational scholarships	- To be easy to monitor and follow up.

Table 1: (Continued)

Stakeholders	Activities in supply chain	Needs for agile Supply chain
2. Manufacturer Implementation and Evaluation 2.1 Plan	-Publish recruitment news	- To be easy to

Stakeholders	Activities in supply chain	Needs for agile Supply chain
2.2 Source	-Coordinating with staff at all times prepare application form and cooperative education guide Provision of buildings and facilities including the other materials	monitor and follow up. To facilitate speedy and accurate data
2.3 Make	1A student must report duty to the establishment in the required time. In the case of extenuating circumstances, if a student cannot arrive on time, please call the establishment staff as soon as possible. Avoid going to a company at the weekend because it is inconvenient to report a duty and to find accommodation.	

Table 1: (Continued)

Stakeholders	Activities in supply chain	Needs for agile Supply chain
2. Manufacturer Implementation and Evaluation 2.3 Make	2. A student submits the accommodation and establishment address, the result of the Cooperative Education plan, job description-position description-job supervisor description form, and the outline of practices to the Centre for Cooperative Education and Career Development before the end of the third week, and the entire documents will be sent to the college supervisor for checking and giving suggestions. 3. The student sends a report to a job supervisor for suggestions and revisions before the end of practices at least 2 weeks.	To facilitate speedy and accurate data

Table 1: (Continued)

Stakeholders	Activities in supply chain	Needs for agile Supply chain
2. Manufacturer Implementation and Evaluation 2.3 Make 2. 4 Delivery	4. By the end of practice, a student presents the result of practices before coming back to university. **1.** A student submits a report to the college supervisor in the required time. 2. A student presents a project and attends an academic activity required by each major. 3. A student must submit a final report to the establishment and school/college. 4. A student has to submit a CO-OP evaluation assessed by the establishment, a questionnaire assessed by a student, a CDs report, and the Co-op presentation file	To facilitate speedy and accurate data

Table 1: (Continued)

Stakeholders	Activities in supply chain	Needs for agile Supply chain
2. Manufacturer Implementation and Evaluation 2. 4 Delivery	to the canter for Cooperative Education and Career Development in the required time.	- Valid and accurate evaluation information.
3 Education Customers	Performance of Students' Innovative Practical Ability, classroom performance, Extracurricular Individual Independent Study and Research, Second Class Performance, Network autonomous learning performance, Design experimental scheme, Writing research	To facilitate speedy and accurate data

Stakeholders	Activities in supply chain	Needs for agile Supply chain
	reviews and small papers and so on	
4 Consumers Society	The satisfaction of stakeholders and service; and contribution to society[1],[2[,[3],[4],[5],[6],[8]	To facilitate speedy and accurate data

Table 2: Results for evaluation of information model for supervision management in the cooperative education for higher education institutions in Thai supply chain.

No.	Items	$\overline{X}$	S.D.	Suitability
1	Main components	3. 65	1.33	High
2	Suppliers	3. 65	1.06	High
3	Manufacturer	3. 60	1.26	High
4	Education Customers	3. 60	1.50	High
5	Consumers	3. 60	096	High
	Total	3. 62	1.22	High

The table 2, Shows that the experts agree information model for supervision management in the cooperative education for higher education institutions in Thai supply chain was high suitability ($\overline{X}$ = 3.62, S.D. = 1.22).

5. Conclusion and Discussion

According to evaluation information model for supervision management in the cooperative education for higher education institutions in Thai supply chain is considered to be high appropriate ($\overline{X}$ = 3.62, S.D. = 1.22) which means that model can develop information model for supervision management in the cooperative Education for higher education institutions in Thai sustainable supply chain and the model design was corresponds to the research of Chansamut and Piriyasurawong has studied supply chain and information system about educational [2] Furthermore,, with the study of chansamut suggesting that supply chain and information system can develop information system. [3],[4],[5],[6] and [7]

6. Recommendation

If possible information model for supervision management in the cooperative education for higher education institutions in Thai supply chain. could be applied in support the tasks

58

Int. J Sup. Chain. Mgt   Vol. 12, No. 2, April 2023

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