

Digital Supply Chain Model for Basic Education Core Curriculum Management in Thailand

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Abstract— The paper pointed to ponder and to assess information model for basic education core curriculum management in Thai supply chain. The samples are ten specialists within the field of advanced supply chain and educational modules. The information is dissected by implies and standardized deviations. The paper result appears that the demonstrate comprises of seven components namely main components, Suppliers, school, Learners have completed and customers. The evaluation of show utilizing Black-Box. The paper discoveries uncovered that model is suitable at the tall. The model to support sustainable information system development.

Keywords— *Digital supply chain model, Basic Education Core curriculum management, Thai supply chain*

1. Introduction

Ministry of Education declared usage of the Fundamental Instruction Educational programs 2001, which served as the center curriculum for national instruction at the fundamental level. The educational programs endorsed objectives, learning measures. conjointly given a framework and introduction to upgrade virtue, wisdom, as well as capacity of learners to preserve Thailand's competitive position within the world community. At the same time, the educational programs was properly balanced for harmonization with the goals of the National Instruction Act 1999 and corrections made in 2002. These laws have put accentuation on decentralization of instructive specialist to neighborhood communities and schools, which are to play noteworthy parts and effectively take part in planning curriculums appropriate to genuine circumstances and serving their genuine needs. Based on pertinent thinks about and observing as well as assessment of the educational modules in application amid the past six a long time (Bureau of Scholarly Issues and Instructive Benchmarks, qualities of the Fundamental Instruction Educational modules 2001 were distinguished. For illustration, it encouraged decentralization of instructive specialist, empowering nearby communities and schools to take an interest and play critical parts in planning

curriculums which met their genuine needs. Clear concepts and standards for advancing learners. [24] Open and private instructive educate should critically create its educational framework in arrange to supply more openings for individuals to be taught and increment their potential. So An application of the concept of supply chain management information framework is connected to instructive system. It'll be discretionary since the commerce has to be exceedingly competitive due to increasingly high competitions from both inside and exterior the nation. In arrange to be exceedingly competitive, organizations within the sector ought to have work force with information, capacity and aptitudes who can work effectively to extend yield. The organizations, hence, 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 prepare may be a key handle to bolster the organization's entirety exercises framework from upstream to downstream. It empowers the organization to instantly check the data framework to guarantee that the organization works easily and successfully based on the decided techniques. [1] So The researcher has chosen pointed to ponder and to assess digital supply chain model for Basic Education Core Curriculum management in Thailand for ensuring customer satisfaction.

2. Related research

Chansamut (2021) said that Supply chain operation model in digital for curriculum management base on Thailand qualification framework for higher education is composed of 7 fundamental components: 1) Crude materials 2) Providers 3) College 4) Wrapped up item 5) client 6) Fulfillment 7) Criticism. The objective of this investigate was to create and assess the supply chain operation show in computerized for educational programs administration base on Thailand capability system for higher instruction. The test are 15 specialists chosen by purposive testing. The information is analyzed by implies and standardized deviations. The estimation and the assessment of data

framework are based on Black-Box Testing, which is the test of add up to framework work in arrange to see whether the working methods are adjust and in compliant with the specified destinations or not. The 15 specialists, after assessing the demonstrate, concurred that supply chain operation show in advanced for educational modules administration base on Thailand capability system for higher instruction was suitable in a great level.

Chansamut (2022) said that a digital service supply chain model for ASEAN University Network Quality Assurance at Institutional Level. The research about a service supply chain model in digital for ASEAN University Network Quality Assurance at institution level. The objectives of research to design and to assess the suitability of a service supply chain model in digital for ASEAN University Network Quality Assurance at institution level. The sample group consisted of fifteen experts in the field of information system ,supply chain and research. The data is analyzed by means and standardized deviations statistically. The research result shows that a service supply chain model in digital for ASEAN University Network Quality Assurance at institution level. is consisted of 8 key elements which are 1) main elements 2) suppliers /services 3) university 4) customers 5)consumer 6 Satisfaction 7 Feedback. The results from fifteen expert a service supply chain model in digital for ASEAN University Network Quality Assurance at institution level. was a high level which mean that It could be used to service digital quality assurance for ASEAN University Network Quality Assurance.

Advanced supply chain includes the coordinations required to return a item for repair, adjusting, substitution or reusing, a prepare called invert coordination. Numerous producers regularly turn to third-party coordination suppliers to oversee portion of the benefit supply chain. Advanced supply chain centers more on the "chain" of administrations themselves and the individuals who give those administrations, in expansion to the physical side. It is practically equivalent to supply chain administration, but rather than wrapped up merchandise, it includes the stream of administrations to the client. [23]

3. Research Methodology

3.1 Studies the document about evaluate digital supply chain model for Basic Education Core Curriculum management in Thailand

3.2. Design evaluate digital supply chain model for Basic Education Core Curriculum management in Thailand

3.3 Identification of ten experts for evaluation of digital supply chain model for Basic Education

Core Curriculum management in Thailand for revision.

3.4. Create questionnaire for evaluate the model's suitability.

3.5 Present the designed evaluate digital supply chain model for Basic Education Core Curriculum management in Thailand to the ten experts consisted of five experts on supply chain, 2 experts on digital 3 experts on curriculum .

3.6 Analyze the results of evaluation of digital supply chain model for Basic Education Core Curriculum management in Thailand by mean and standard deviation consisting of 5 criteria for evaluation according to the idea of Likert scale.

4. Results

4.1 Digital supply chain model for Basic Education Core Curriculum management in Thailand are shown in figure 1.

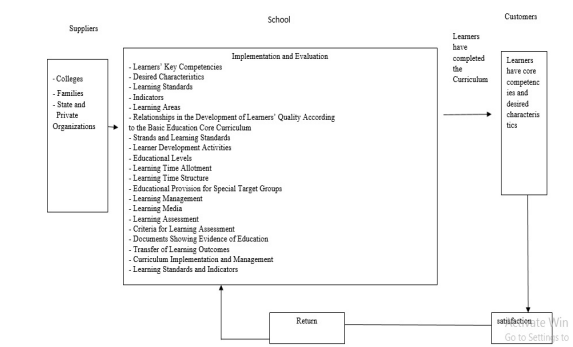


Figure 1: Digital supply chain model for Basic Education Core Curriculum management in Thailand

4.2 Principles of digital supply chain model for Basic Education Core Curriculum management in Thailand

1. Suppliers

Suppliers mean the the organizations, colleges, families that supply crude materials to the producer. Crude materials in this case are understudies who graduated from tall schools They can apply for affirmation by means of the computer framework that can handle and store the information.

2. Manufacturer

The manufacturer implies the college, college or school that produces completed learners. It performs the obligation to convert crude materials, or entering learners, into the wrapped up items of qualified graduated learners. The school will perform its obligation of understudy advancement and assessment base on instruction center educational programs administration in Thailand as taking after .

1 Learners' Key Competencies

2 Desired Characteristics

3 Learning Standards

- 4 Indicators
 - 5 Learning Areas
 - 6 Relationships in the Development of Learners' Quality According to the Basic Education Core Curriculum
 - 7 Strands and Learning Standards
 - 8 Learner Development Activities
 - 9 Educational Levels
 - 10 Learning Time Allotment
 - 11 Learning Time Structure
 - 12 Educational Provision for Special Target Groups
 - 13 Learning Management
 - 14 Learning Media
 - 15 Learning Assessment
 - 16 Criteria for Learning Assessment
 - 17 Documents Showing Evidence of Education
 - 18 Transfer of Learning Outcomes
 - 19 Curriculum Implementation and Management
 - 20 Learning Standards and Indicators
 - 3 Finished product
- Finished product mean Learners have completed the Curriculum
4. Customers
Consumers mean learners have center competencies and wanted characteristics or the end-of-process component of show . They incorporate the society. At last, the conclusion item will give included esteem to the supply chain [1],[2],[3],[4],[5],[6],[8] and [24].
- 5.Satisfaction
Satisfaction mean the information from the survey.
6. Return
Return mean the information gotten from fulfilment.

4.3 Table 1: Results for evaluation of digital supply chain model for Basic Education Core Curriculum management in Thailand

No	Evaluation Lists	\bar{X}	S.D.	Suitability
1	Main elements	3.68	0.57	High
2	Suppliers	3.63	0.56	High
3	Manufacturer	3.60	0.51	High
4	Finished product	3.60	1.17	High
5	Customers	3.60	0.69	High
6	Satisfaction	3.70	0.48	High
7	Return	3.60	0.51	High
	Total	3.63	0.64	High

From the table 1, The specialists found that digital supply chain model for Basic Education Core Curriculum management in Thailand is highly appropriate($\bar{X} = 3.63$, S.D. = 0.64).

5. Conclusion

Digital supply chain model for basic education core curriculum management in Thailand is appropriate at the high level development The rating mean of 3.63 and standard deviation of 0.64, which means that. The model could be applied in support the tasks.

6. Discussion

Digital supply chain model for basic education core curriculum management in Thailand is considered to be high appropriate ($\bar{X} = 3.63$, S.D. = 0.64), and the design was corresponds to the research of Chansamut and Piriyasurawong has studied supply chain and information system about educational [1] Then again, with the study of chansamut suggesting that supply chain and other information .[2],[3],[4],[5],[6],[7],[8],[8],[9],[10],[11],[12],[13],[14],[15],[16],[17],[18],[19],[20],[21] and [23]

7. Recommendation

Supply chain model in digital for basic education core curriculum management in Thailand is considered to be high appropriate if possible it should be case studies of high school that implement the model and efficiently.

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