95

Int. J Sup. Chain. Mgt   Vol.11, No. 6, December 2022

Digital System Model for Curriculum Management Base on National Educational Standards in Thai Supply Chain

Artaphon Chansamut

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

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

Abstract—**The research was conducted to develop and to evaluate digital system model for curriculum management base on national educational standards in Thai supply chain. A samples group in the research study consisted of ten purposively selected experts consisted of five experts on supply chain management, five experts on digital, Data were analysed by arithmetic mean and standard deviation. The paper findings pattern seven elements namely main components, Suppliers , Manufacture , customers, consumers, satisfaction, feedback . The assessment digital system model for curriculum management base on national educational standards in Thai supply chain using Black-Box technique and The results from experts agreement digital system model for curriculum management base on national educational standards in Thai supply chain was a high level and can be applie in support the tasks.**

Keywords—*Digital system model, in digital, curriculum management*, *national educational standards Thai supply chain*

1. Introduction

These days, instructional measures might be a requirement for the instructive quality of every institution of higher learning that provides basic education. They could also be used as a goal or a course outline for the school's internal standard-setting. Nonetheless, the institution may add the school's distinctive characteristics in various areas up until the completion of measures and for use in determining throughout each academic year whether the school's administration of teaching has achieved its goals. The data at the office can also be used as a target for supervision, assessment, and quality evaluation as a whole in order to use the data to plan, raise the bar, and improve the educational environment. Characterizing and evaluating according to the instructional guidelines of schools is additionally crucial..[24] Public and private educational institutions needs to urgently develop its educational system in order to provide more opportunities for people to be educated and increase their potential. So An application of the concept of supply chain management digital system is applied to educational system . It will be optional because the business 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 . The organizations, therefore, need to have sufficient information and resources to respond 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 check the information system to ensure that the organization operates smoothly based on the determined strategies. [1] Therefore, the researcher had an idea to develop and to evaluate digital system model for curriculum management base on national educational standards in Thai supply chain for application to increase satisfaction for consumers.

2. Literature Review

One of the elements of the supply chain that can provide both enhanced performance and digital is the supply chain. It makes it possible for educational programs to save important data in an easily accessible format and aids in making operational and planning decisions. Software and network technology adoption and successful deployment play a significant role in the success of the supply chain by enabling information flow and improving the effectiveness 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.

96

Int. J Sup. Chain. Mgt   Vol.11, No. 6, December 2022

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 comprehensively see of the sub-element in terms and data flows in supply chain for order to meet its major difficulty, and which is guaranteeing continuity between the data flow to optimize an educational programs supply.[25]

3. Research Methodology

3.1 Studies the literature both within and outside the country concerning digital system model for curriculum management base on national educational standards in Thai supply chain

3.2. Drafting digital system model for curriculum management base on national educational standards in Thai supply chain from topic 3.1

3.3 Identification of experts for evaluation of digital system model for curriculum management base on national educational standards in Thai supply chain . The researcher determined that they must be experts on supply chain and digital. All of them must have more than four years of relate work experience.
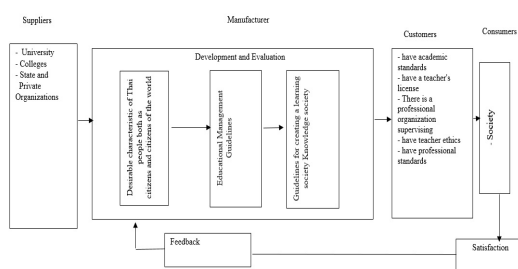
3.4 Develop the questionnaire for the experts to assess digital system model for curriculum management base on national educational standards in Thai supply chain

3.5. Data collection and analysis. The developed questionnaire was sent to the experts in order to ask their opinions on appropriateness of pattern.

3.6 Evaluate the model's evaluation findings using the mean and standard deviation.

4. Results

Results about digital system model for curriculum management base on national educational standards in Thai supply chain are shown in Figure 1.

Figure 1: Digital system model for curriculum management base on national educational standards in Thai supply chain

4.1.Suppliers

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 data into computer system automatically.

4.2. Manufacturer

The manufacturer means 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 base on national instruction benchmarks of each action. There are 3 guidelines and 11 pointers as takes after

Standard 1 Desirable characteristics of Thai individuals Both as citizens and citizens of the world Thai individuals are savvy, great and cheerful individuals. The objective of instruction is to create all Thai individuals to be "savvy, great and cheerful individuals", with improvement appropriate for their age. Create individuals normally and to the fullest to meet their needs, counting physical and mental wellbeing, insights, information and abilities, ethical and heart that are alluring and live in a ordinary society. There are 5 markers specifically Total physical wellness and support, Fundamental and adequate information and aptitudes in life and social advancement, Learning and alteration aptitudes. Social abilities and Ethical, open intellect and awareness of Thai citizens and world citizens

Standard 2 Educational Management Guidelines Learning administration that centres on understudy improvement and administration by utilizing the school as the base. Organizing learning forms that are student-cantered Learners are great part models, hone considering, learns from assorted encounters and meets their needs. And are upbeat to memorize. Instructors, staff individuals know each other separately. Get ready educating and media that combines worldwide information with Thai intelligence. Orchestrate an environment conducive to learning, secure and create a assortment of learning assets and create thoughts of learners methodically and inventively. There are 3 pointers to be specific Organizing learning courses and situations that energize learners to create normally and to their full potential, There's a precise and quality advancement for administrators, instructors, workforce and instructive work force, There's administration based

Standard 3: Guidelines for creating a learning society Knowledge society

Making learning strategies And a solid learning source for learning, information, advancement, media and innovation It is an critical figure for the improvement of a information society, advancing and making a component for all Thai individuals to have the opportunity and the alternative to get to the variables. And nonstop learning all through life with different styles and strategies. By accepting participation from all

97

Int. J Sup. Chain. Mgt   Vol.11, No. 6, December 2022

segments of society will lead to the improvement of quality, productivity. And the capability of Thai individuals in national improvement as well as expanding the country's competitiveness. There are 3 markers specifically Scholarly administrations and participation between schools and communities to be a society learn a information society, quality evaluations, Inquire about, bolster, learning assets, and learning instruments , Information creation and administration at all levels and measurements of society.

4.3 Customers

Customers mean students who have educational professional standards namely standard of knowledge and professional experience, performance standards, standard of conduct .All standard are from the secretariat of the council of education.

4.4 Consumers

    Consumers mean the end-of-process component of the model. The model will provide added value to the supply chain.

4.5.Satisfaction

   Satisfaction refer to evaluate the satisfaction in the services with the customers.

4.6. Feedback

   Feedback is an information from different steps of digital system model for curriculum management base on national educational standards in Thai supply chain .This is to optimize all steps of pattern and to achieve the goals as expected.[1],[2] .[3],[4],[5],[6],[7],[8],[9],[10],[11],[12][13],[14], ,[15],[16],[17],[18],[19],[20],[21,[22,[23] and [24].

Table 1: Results for evaluation digital system model for curriculum management base on national educational standards in Thai supply chain

No	Variable	$\overline{X}$	S.D.	Suitability
1	Main components	3.68	0.53	High
2	Suppliers	3.62	0.64	High
3	Manufacturer	3.60	0.69	High
4	Customers	3.66	0.70	High
5	Consumers	3.60	0.51	High
6	Satisfaction	3.72	0.46	High
7	Feedback	3.60	0.51	High
	Total	3.64	0.58	High

The table 1. Shows that the experts agree that digital system model for curriculum management base on national educational standards in Thai supply chain was appropriateness for test in the high ($\overline{X}$ = 3.64, S.D. =0.58).

5. Conclusion

Digital system model for curriculum management base on national educational standards in Thai supply chain was appropriateness for test in the high. The rating mean of 3.64 and standard deviation of 0.58 and can be applie in support the tasks.

6. Discussion

According to the evaluation, application of digital system model for curriculum management base on national educational standards in Thai supply chain was suitable at high level. The rating mean of 3.64 and standard deviation of 0.58 and the design was corresponds to the research of Chansamut and Piriyasurawong has studied supply chain information system for educational management who found that supply chain information system for educational management can be applied to support the tasks. [1] and This corresponds to the research of chansamut who found that supply chain and information system can be appropriately applied in actual work settings also [2],[3],[4],[5],[6],[7],[8],[9]

Reference

[1] Chansamut, A.,   Piriyasurawong., P. Supply Chain Management Information System for Curriculum Management Based on the National Qualification s Framework for Higher Education. International Journal of Supply and Operations Management (IJSOM). Vol 6 Issue 1,88- 93,2019.

[2] Chansamut, A Supply Chain operation Model in Digital for Curriculum Management Based on Thailand Qualifications Framework for Higher Education. International Journal of Supply Chain Management (IJSCM). Vol 10 No 4 , 71-75. 2021.

[3] Chansamut, A An Information System Model for Educational Management in Supply Chain According to Career standards on Thailand Qualifications Framework for Vocational Education International Journal of Supply Chain Management (IJSCM). Vol 10 No 4 , 51-55. 2021.

[4] Chansamut, A Synthesis conceptual framework of Supply Chain Business Intelligence for Educational Management in Thai Higher Education Institutions International Journal of Supply Chain Management (IJSCM). Vol 10 No 5 , 25-31. 2021.

[5] Chansamut, A Supply Chain Business Intelligence Model for Quality Assurance in Educational Management for ASEAN University Network Quality Assurance International Journal of Supply Chain

Management (IJSCM). Vol 10 No 5 , 40-49. 2021.

[6] Chansamut,. A. ICT System in Supply Chain Management for Research in Higher Education Institute. University of the Thai Chamber of Commerce journal humanities and social sciences. Vol 36 No 2, 112-121. 2016.

[7] Chansamut,. A, Developing Software Patterns in Thai Supply Chain. International Journal of Supply Chain Management (IJSCM). Vol 11 No 3 , 27-31. 2022.

[8] Chansamut,. A, Supply Chain Model for Curriculum Management Based on Thailand Qualifications Framework for Higher Education with the Internet of Things. International Journal of Supply Chain Management(IJSCM). Vol 11 No 3 , 41-47. 2022.

[9] Chansamut,. A, A Digital Service Supply Chain Model for ASEAN University Network Quality Assurance at Institutional Level. International Journal of Supply Chain Management(IJSCM). Vol 11 No 3 , 60-67. 2022.

[10]. Chansamut,. A, The Service Agile Supply Chain Information System Model for ASEAN University Network Quality Assurance at Institution Level. International Journal of Supply Chain Management(IJSCM). Vol 11 No 3 , 68-75. 2022.

[11] Chansamut,. A, A Geographic Information System Model for Educational Management for Higher in Thai Supply Chain . International Journal of Supply Chain Management(IJSCM). Vol 11 No 3 , 82-85. 2022.

[12] Chansamut,. A, An Information System Model in Healthcare Supply Chain and Logistics in Thailand. International Journal of Supply Chain Management(IJSCM). Vol 11 No 3 , 99-103. 2022.

[13] Chansamut,. A, Supply Chain Management Information Systems Model for Educational Management for ASEAN University Network Quality Assurance at Institution Level. International Journal of Supply Chain Management(IJSCM). Vol 11 No 3 , 104-112. 2022.

[14] Chansamut,. A, Supply Chain in Digital Operation Model for Student Loan Fund Management for Higher Education in Thailand. International Journal of Supply Chain Management(IJSCM). Vol 11 No 2 , 17-20. 2022.

[15] Chansamut,. A, Supply Chain in Digital Operation Model for Student Loan Fund Management for Higher Education in Thailand. International Journal of Supply Chain Management(IJSCM). Vol 11 No 2 , 17-20. 2022.

[16] Chansamut,. A, Supply Chain Pattern in Digital for Research Management for ASEAN University Network Quality Assurance. International Journal of Supply Chain Management(IJSCM). Vol 11 No 2 , 38-49. 2022.

[17] Chansamut,. A, Supply Chain Model in Digital for Construction Management in Higher Education Institute. International Journal of Supply Chain Management(IJSCM). Vol 11 No 2 , 58-75. 2022.

[18] Chansamut,. A, The develop of Life Cycle Assessment information system model for Environmental Management in Thailand. Maejo information Technology and Innovation journal(MITIJ) Vol 6 No 2, 1-8. 2020.

[19] Chansamut,. A, Supply Chain Business Intelligence Model for Quality Assurance in Educational Management for ASEAN University Network Quality Assurance. International Journal of Supply Chain Management(IJSCM). Vol 10, No 25, 40-49. 2021.

[20] Chansamut,. A, The Development of Patterns Software for Educational Management on Cloud Computing in Supply Chain for ASEAN University Network Quality Assurance. International Journal of Supply Chain Management(IJSCM). Vol 10 No 6 , 25-32. 2021.

[21] Chansamut,. A, An Information System Model for Curriculum Management According to Career Standards in Supply Chain for Thailand Professional Qualification Institute. Maejo information Technology and Innovation journal (MITIJ) Vol 10 No 6 , 54-62. 2017.

[22] Chansamut,. A, Using Google Application model for office : Case study Dean office Faculty of home Economic Technology Rajamangala university of Technology Krungthep. Maejo information Technology and Innovation journal (MITIJ)

[23] Government gazette. Details of standards of knowledge and professional experience of teachers according to the Teachers Council of Thailand regulations On Professional Standards (No. 4) B.E. 2019. available at https://www.ksp.or.th/ksp2018/2020/06/19628/

[24] Phumphongkhochasorn, P., Nampapon angkul P., Chotientip, T. National educational standards and the improvement of Thai education system with word class. Asia Pacific Journal of Religions and Cultures Vol 5 No 1.88-100.2021.

99

Int. J Sup. Chain. Mgt   Vol.11, No. 6, December 2022

[25] Mezouar, H., Afia, A.EI.2018. A Retirement
      Pension from a Supply Chain Side: Case of
      the Moroccan Retirement Pension available
      at https://www.researchgate. net/publication
      /321019195_A_Retirement_   Pension
      _from_a_Supply_   Chain_Side_Case
      _of_the_Moroccan_Retirement_Pension