

Information System Model for Worker Welfare Management for the Firm in Thai Supply Chain

Artaphon Chansamut

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

artaphon.c@mail.rmutk.ac.th

Received Aug 06, 2022, **Accepted:** Dec 11, 2022, **Published Online:** Feb 28, 2023

Reviewers: Anonymous Peer Review

Citation: Chansamut, A. (2023). Information System Model for Worker Welfare Management for the Firm in Thai Supply Chain. *International Journal of Supply Chain Management*, 12(1), 58-61, <https://doi.org/10.59160/ijscm.v12i1.6105>

Abstract—The research aim develop information system model for worker welfare management for the firm in Thai supply chain and an evaluation of the model . This research was purposive sampling method approach with a sampling of ten experts in the field of information system and supply chain. The obtained data are analysed using mean and standard deviation. The research result demonstrates the model consists of five elements namely main components, Supplier, The firm, Satisfaction and service, Customers . The results from ten experts have evaluated the model and commented that the developed model showed high suitability which mean information system model for worker welfare management for the firm in Thai supply chain can develop information system.

Keywords—*Information System Model, Worker Welfare Management, The Firm, Thai Supply Chain*

1. Introduction

Nowaday, the Thai specialist welfare has realized the significance in each perspective. Particularly in specialist welfare improvement .That will embrace over industry divisions to gotten to be more grounded and have gotten to be profoundly implanted. Indeed in spite of the fact that these honours may drop inside the law and are considered by a few to be socially worthy, they may still lead to destitute laborer welfare results. These incorporate weariness, social separation, destitute nourishment, mental wellbeing issues, compromised work environment security, the disintegration of work rights through destitute business honours, as well as swarmed, unsanitary living conditions.[42] The basic of concept about supply chain management and information system. It is because a business needs to be highly competitive 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 increase their values and respond to the demand of their clients. Thus, the supply chain management process is the key process to support the organization's whole activities system from upstream to downstream. [1] Thus, the researcher had an idea to develop information system model for worker welfare management for the firm in Thai supply chain.

2. Related work

Supply chain and Data Administration Frameworks supply chain and Data administration frameworks have the potential to alter organizations and advance the rise of unused businesses. Their primary objective is to improve data stream and encourage the choice making prepare. An data administration framework is one of the few components of supply chain that can offer both made strides execution and lower fetched. It empowers organization to preserve key data in an accessible format and makes a difference to require operational and arranging choices. The appropriation and fruitful usage of computer program and organize innovation contribute in a expansive way for the supply chain victory encouraging the stream of data and improving the proficiency of supply chain exercises. Coordination's exercises are key exercises within the supply chain, counting arranging, planning, executing and overseeing the stream, capacity of materials and data trade in arrange to back essential coordinations capacities such as procurement, distribution, transportation, inventory management, packaging and manufacturing. Information technologies are seen as a resource of an organization, as a source of its competitive advantage and serve as a catalyst of change in an organization.[18]

Supply Chain and Data framework is the objective setting for effective organization, which crucial that Supply Chain and Data will offer assistance organizations progress productivity. Tall esteem clients and providers can be held by keeping up a dependable Supply Chain and Data. These will guarantee the organizations to the objective to extend fulfillment for clients.[41]

3. Research Methodology

3.1 Take relevant papers and synthesized to formulate a concept of information system model for worker welfare management for the firm in Thai supply chain.

3.2. Information system model for worker welfare management for the firm in Thai supply chain. is developed based on the data obtained from the research study used in the formulation of the model development concept.

3.3 . Information system model for worker welfare management for the firm in Thai supply chain is presented to expert for consideration and modified it as guided.

3.4 Development of a questionnaire for the experts to evaluate the suitability .

3.5.Evaluate information system model for worker welfare management for the firm in Thai supply chain by using five rating scales of Likert.

4. Research Findings

Research findings about information system model for worker welfare management for the firm in Thai supply chain. are presented in Figure 1

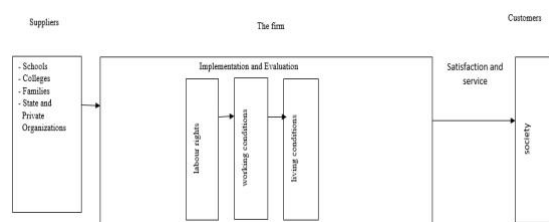


Figure 1: Information system model for worker welfare management for the firm in Thai supply chain.

4.1 Suppliers

Suppliers mean the organizations that supply crude materials to the producer. Crude materials in this case are understudies who graduated from tall schools or two-year colleges, or understudies who get extraordinary quantities for confirmation. They can apply for affirmation by means of the computer framework and store the information.

4.2 The firm

The firm means service provider that . It performs the duty to transform raw materials into the firm . The firm will perform its duty of person

Implementation and evaluation in each activity, namely. labour rights, working conditions and living conditions.

4.3 Satisfaction and service

Satisfaction and service mean worker welfare comprises three elements: labour rights, working conditions and living conditions

4.4 Customers

The customers mean the end-of-process component of the show which suggests that the society. [1],[2],[3],[4],[5],[6],[19]

Table 1: Results for evaluation Information system model for worker welfare management for the firm in Thai supply chain.

No	Evaluation Lists	\bar{X}	S.D.	Suitability
1	Main components	3.65	1.17	high
2	Suppliers	3.67	0.90	high
3	The firm	3.60	1.26	high
4	Satisfaction and service	3.70	1.05	high
5	Customers	3.60	0.69	high
	Total	3.64	1.02	high

Table 1, The experts found that information system model for worker welfare management for the firm in Thai supply chain is highly appropriate

($\bar{X} = 3.64$, S.D. = 1.02).

5. Conclusion

The present study examined the opinions of Information system model for worker welfare management for the firm in Thai supply chain

is appropriate at the high level development ($\bar{X} = 3.64$, S.D. = 1.03). It can develop information system,

6. Discussion

According to evaluation information system model for worker welfare management for the firm in Thai supply chain is considered to be high appropriate ($\bar{X} = 3.64$, S.D. = 1.02), and the design was corresponds to the research of Chansamut and Piriyastrawong has studied supply chain and information system about educational [1] Moreover, with a study of chansamut suggesting that supply chain and technology system . [2],[3],[4],[5],[6],[7],[8],[9],[10],[11],[12],[13],[14],[15],[16],[17]

7. Recommendation

Information system model for worker welfare management for the firm in Thai supply chain is considered to be high appropriate if possible it should make database for the developed model.

8. Acknowledgements

The research is helped by expert in Thailand, who kindly provided supervision and advices the model.

Reference

- [1] Chansamut, A., Piriyaawong, P. Conceptual Framework of Supply Chain Management Information System for Curriculum Management Based on Thailand Qualifications Framework for Higher Education. *International Journal of Managing Value and Supply Chains (IJMVSC)* . Vol 5 No 4 , 33-45. 2014
- [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] Leal Jamil,G., Soares, A.L., Magalhães Pessoa, C.R.2017.Information management systems in the supply chain. Available at <https://www.igi-global.com/chapter/information-management-systems-in-the-supply-chain/166823>

- [19] 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
- [20] Secretariat of Building Responsibly Worker welfare in supply chain -Creating a Lasting impact. Available at <https://www.building-responsibly.org/news/2022/6/8/worker-welfare-in-the-supply-chain-creating-a-lasting-impact/>