

Digital Supply Chain Finance Model in Thailand

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Abstract—The chapter aims to study and to evaluate digital supply chain finance model in Thailand. The samples in the research study consisted of ten purposively selected experts consisted of three experts on supply chain, five experts on Digital Technology and three experts on the finance. Data were analysed by arithmetic mean and standard deviation. The research findings model seven elements namely main components, Buyer, supplier, Bank or Financial Institution. The ten experts agree that digital supply chain finance model in Thailand was high suitability and can be appropriately applied in actual work settings.

Keywords— Digital Supply Chains Finance Model, Thailand

1. Introduction

In today's globalized economy, characterized by fierce competition and tight financial conditions, businesses struggle to access the funds they need to meet their business goals while in an endless struggle to cut costs. is unfolding. [13] Businesses, big and small, always need working capital. In other words, the funds needed to cover day-to-day expenses other than fixed assets. Businesses borrow from banks or other financial institutions to meet the working capital needs of small businesses. A simple and fast way to ensure working capital balance is the supply chain finance technique. This means that suppliers sell high bills at discounted rates to buyers or financial institutions to provide short-term loans to meet their working capital needs. This is a mutually beneficial process. Suppliers or business owners have quick access to the money owed to them and buyers have more time to pay the money back. [11] The application of concept of supply chain finance and digital system. It is because the business and industrial sector 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 data and resources to increase their values and respond to the demand of their clients. Thus, the supply chain finance process is the key process to support the organization's whole activities system from upstream to downstream. [2] So, the researcher has decided to study and to evaluate digital supply chain finance model in Thailand for increase satisfaction of customers.

2. Related work

Supply chain engagement and digital are critical processes to support the entire educational system from upstream suppliers to downstream customers. The goal of reducing the operational processes of the system. Improve service levels and increase efficiency. to meet customer needs. Generally, the supply chain consists of critical points. 1 . The supplier is the person who sends the raw material to the service unit. B. Providing society with high-quality products, etc. 2 . The unit (manufacturer) designates who is responsible for converting the raw materials received from the supplier. 3 . Distribution Center means a place that provides distribution products to consumers [10]

3. Research Methodology

3.1 Synthesize documents about digital supply chain finance model in Thailand

3.2 Study digital supply chain finance model in Thailand by interviewing the three experts on supply chain, five experts on Digital Technology and three experts on the finance.

3.3. The model is presented to 10 expert for consideration and modified it as guided.

3.4 Analyze the results of evaluation of the model by mean and standard deviation consisting of 5 criteria for evaluation according to the idea of Likert scale.

3.5 Final improvement of the developed model based on suggestions from the ten experts.

4. Research Findings

Research findings about digital supply chain finance model in Thailand are presented in Figure 1

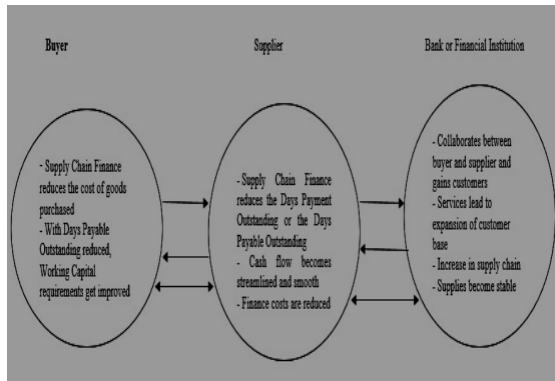


Figure 1. Digital supply chain finance model in Thailand

The Buyer, Company purchases the Goods from the Seller and the Supplier ships the Goods, then submits an invoice to the Company and authorizes payment on standard credit terms for 30 days. However, if the supplier is in urgent need of cash, they can request immediate payment at a discount from the financial institution associated with the company. If approved, the financial institution will pay the supplier in exchange for a total credit period of 60 days instead of his 30 days requested by the supplier, in exchange for extending the company's payment. [1],[2],[3],[4],[5],[6],[7],[11]

Table 1: Results for evaluation of digital supply chain finance model in Thailand

No	Evaluation Lists	\bar{X}	S.D.	Suitability
1	Main components	3.66	0.73	High
2	Buyer	3.63	0.61	High
3	Supplier	3.66	0.97	High
4	Bank or Financial Institution.	3.70	1.08	High
	Total	3.66	0.85	High

Table 1, it can be concluded that digital supply chain finance model in Thailand is highly appropriate, with the total rating mean of 3.66 and standard deviation of 0.83.

5. Discussion

Digital supply chain finance model in Thailand is considered to be high appropriate shows the rating mean of 3.63 and standard deviation of 0.90.,and the design was corresponds to the research of Chansamut and Piriyasurawong has studied supply chain and information system about educational [2] In addition, with the study of chansamut suggesting that supply chain and information system ,[3],[4],[5],[6] and [7]

6. Conclusion

Digital supply chain finance model in Thailand is appropriate at the high level shows the rating mean of 3.66 and standard deviation of 0.83, suggesting that digital supply chain finance model in Thailand can be appropriately applied in actual work settings.

7. Recommendation

Digital supply chain finance model in Thailand is considered to be high appropriate if possible it should be used to further public society.

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