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Conceptual Framework of an Information for Emergency Management for Higher Education in Thai Supply Chain

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Abstract—The objective of research were to develop conceptual framework of an information for emergency management for higher education in Thai supply chain and to evaluate conceptual framework of an information for emergency management for higher education in Thai supply chain. The research sample totalling ten experts consisted of five experts on supply chain , five experts on information system. All of expert must have educational qualification at the doctoral degree level, and must have more than more than four years of work experience The research tool was questionnaire assessing the suitability about conceptual framework of an information for emergency management for higher education in Thai supply chain comprises five elements namely main components suppliers, University, Good service and security, Customers. The data analysed by using arithmetic mean and standard deviation. The assessment about conceptual framework of an information for emergency management for higher education in Thai supply chain using Black-Box technique. The overall model evaluation result was validated at a "Good" level, suggesting that conceptual framework of an information for emergency management for higher education in Thai supply chain aims to support sustainable information system development.

Keywords— *Conceptual framework of an information , Emergency management, Higher education, Thai supply chain*

1. Introduction

In Thailand, there are numerous public and private higher education institutions with over 20 million students as well as millions of staff, teachers, and tourists. Each of these institutions has a responsibility to offer the necessary policies, procedures, and strategies to maintain a secure campus as well as to guarantee the security and general welfare of those who are on their campuses. Colle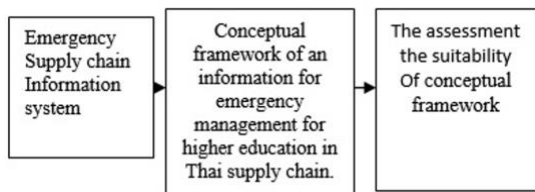ges and universities are forming committees and task groups to re-examine or carry out a thorough evaluation of policies, processes, and systems linked to campus safety and security in light of recent violent crimes, natural disasters, and other emergencies or crises. Campus safety, like many other important issues on administrators' agendas, needs establishing support and carrying out a careful and methodical approach to generate a quality plan to anticipate potential problems. [8] Security system is used as an application of the supply chain management information system concept. Due to the company' requirement to be extremely competitive in light of the rising levels of domestic and international competition, it will be optional. Organizations in the sector need to have employees with the skills necessary to enhance output if they want to remain highly competitive. Therefore, in order to better meet customer demand, firms must have access to appropriate information and resources. In order to support the organization's entire system of activities from upstream to downstream, the supply chain management process is therefore a crucial activity. It enables the organization to quickly check the information system to make sure the organization runs successfully and without hiccups.. [1] Thus, the researcher had an idea develop and to evaluate conceptual framework of an information for emergency management for higher education in Thai supply chain for ensuring customer satisfaction.

2. Review of the Literature

Information for emergency management for higher education in Thai supply chain
Information for emergency management for higher education in Thai supply chain is one of the goals that all organizations . It comprises of five elements namely main components suppliers,

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University, Good service and security, Customers. All components can offer both made strides execution and lower cost. It empowers organization to preserve key data in an accessible format.[7]
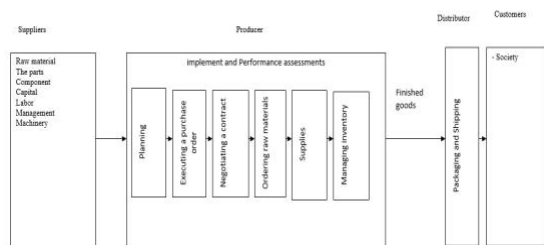
3. Research Framework

Figure 1: Research framework of an information for emergency management for higher education in Thai supply chain

4. Research Methodology

4.1 Compile research studies pertinent to the components about conceptual framework of an information for emergency management for higher education in Thai supply chain.
4.2 Create conceptual framework of an information for emergency management for higher education in Thai supply chain accordance with professional guidance.
4.3 The creation of a questionnaire for the experts to evaluate the suitability.
4.4. Analyze the findings of the evaluation of the conceptual framework of an information for emergency management for higher education in the Thai supply chain using the mean and standard deviation, which are composed of 5 evaluation criteria based on the notion of a Likert scale.

5 Research Results

Research results about cconceptual framework of an information for emergency management for higher education in Thai supply chain are presented in figure 2.

Figure 2: Conceptual framework of an information for emergency management for higher education in Thai supply chain

1.Suppliers
   Suppliers refer to raw material, The parts, Component, Capital, Labour, Management,

Machinery to the university. They can send in the computer system.
2 University
   University mean service provider. It carries out the task of installing raw materials. The service provider will carry out its responsibility for raw materials. Get Organized, Identify Hazards and Conduct a Risk, Develop or Update the Emergency, Adopt and Implement the Emergency. Performance evaluation of each action.
3. Good service and security
   Students or visitors who may receive services are referred to as having good service and security.
4. Customers
   Customers refer to the conceptual framework's end-of-process element. The society is among them. Finally, the finished product will improve the supply chain..[1],[2],[3],[4],[5],[6] and [7]

Table 1: Conclusion of Evaluation Results on Appropriateness of the Developed Conceptual framework of an information for emergency management for higher education in Thai supply chain

No	Evaluation Lists	$\overline{X}$	S.D.	Suitability
1	Main element	3.65	1.22	Good
2	Suppliers	3.64	1.59	Good
3	University	3.60	0.69	Good
4	Good service and security	3.70	0.67	Good
5	Customers	3.70	0.94	Good
	Summary	3.65	1.02	Good

Table 1, The ten experts found that Conceptual framework of an information for emergency management for higher education in Thai supply chain has suitability in a good level ($\overline{X}$ = 3.65, S.D. = 1.02).

6. Discussion

Conceptual framework of an information for emergency management for higher education in Thai supply chain has suitability in a good level and design was according to the review of documents and relevant literature from both within on developing an information model.[1],[2],[3],[4],[5],[6]

7. Conclusion

Conceptual framework of an information for emergency management for higher education in Thai supply chain has suitability in a good level
The rating mean of 3.65 and standard deviation of 1.02, which means that conceptual framework of an information for emergency management for higher education in Thai supply chain can support sustainable information system development.
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8. Recommendation

Conceptual framework of an information for emergency management for higher education in Thai supply chain has suitability in a good level if possible it should make database for the developed model.

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