SUCCESS OF INFORMATION SYSTEMS IMPLEMENTATIONS IN SRI LANKAN BUSINESS ORGANIZATIONS

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The Dissertation was submitted to the Department of Civil Engineering of the University of Moratuwa in partial fulfillment of the requirement for the Degree of Master of Business Administration.

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DECLARATION

"I declare that this is my own work and this thesis does not incorporate without acknowledgement any material previously submitted for a Degree or Diploma in any other University or institute of higher learning and to the best of my knowledge and belief it does not contain any material previously published or written by another person except where the acknowledgement is made in the text.

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Prof. Asoka Perera

ABSTRACT

Success of information systems project implementation is an important goal for many organizations. The enormous dependence on information systems had engendered proper management of IT projects a critical requirement of organizational success. But shortfalls occur far more often than they should have occurred. Further the failures happen in every country; to large companies and small; in commercial, nonprofit, and governmental organizations; and without regard to status or reputation. Several commonly identified reasons have paved way to the information systems project successes/failures. Studies which carried out in this area have not covered software projects in Sri Lanka except one which mainly focused on business process re-engineering in ERP implementations.

The main goal of this research is to ascertain the overall success and effectiveness of software implementation projects in Sri Lanka and to identify factors that contribute it with the help of evidence elicited from case studies Sri Lanka.

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The sample of this research was formed with IT project managers and the IT teams (software engineers, architects etc...), system end users and customers. Three government and private organizations were selected to collect data using interviews. Questionnaires were used as a secondary source of data gathering to confirm whatever the data gathered using interviews. Questionnaires were administered among a sample of people respondents via web as well as hard copies were distributed.

It was found that all three projects were considered successful by the users irrespective of time, cost and the scope. There were many factors that contributed to project success while many other factors contributed to their failure. Amongst them, user involvement and executive support played key roles in project successes. There were cases of user resistance in all the businesses that the new systems were installed. One of the most common challenges faced by all three projects was requirement gathering.

Limitations of this research were; the study was taken under a limited time and resource availability. The researcher had to be satisfied with only three of cases because of this constraint. Further research could be carried out to investigate financial aspect of software implementations in Sri Lanka as well as to find whether employers evaluate the benefits accrued after implementing software installations.

Keywords: Information Systems, Software Project Success



DEDICATION

This thesis is dedicated to my little daughter Sanuki who was a great source of energy and inspiration that motivated me to complete it, and also to my husband and parents for all their encouragement, love and assistance.



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LIST OF ABBREVIATIONS

1.	AGM	Assistant General Manager
2.	ASD	Adaptive Software Development
3.	ASP	Agile Software Process
4.	B2B	Business to Business
5.	B2C	Business to Consumer
6.	BP	Business Process
7.	CIO	Chief Information Officer
8.	DSDM	Dynamic System Development Method
9.	ERP	Enterprise Resource Planning
10.	FD	Fixed Deposit
11.	FDD	Feature Driven Development
12.	GL	General Ledger
13.	IT	Information Technology
14.	IS University	Information Systems ri Lanka.
15.	LOLO Electronic	Lanka Orix Leasing Company PLC
16.	LOFC www.lib.r	Lanka Orix Finance Company PLC
17.	LOIB	Lanka Orix Insurance Brokers
18.	LOFAC	Lanka Orix Factoring
19.	LOIT	Lanka Orix Information Technology
20.	LOMC	Lanka Orix Micro Finance
21.	LOPD	Lanka Orix Product Development
22.	MASHL	MAS Holdings
23.	PB	People's Bank
24.	POs	Point Of Sales
25.	RUP	Rational Unified Process
26.	SDLC	Software Development Life Cycle
27.	SAP	Systems Applications and Products
28.	UAT	User Acceptance Testing

29.	XP	Extreme Programming

