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Risk management in the application of the Systems Development Life Cycle

Submitted in Partial Fulfilment of the Requirements for the Degree

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BY

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I , Danie Cronje, herewith declare that the language of this management report has been edited by Danel Hanekom from the South African Post Office Language Services.

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RISK MANAGEMENT IN THE APPLICATION OF THE

SYSTEMS DEVELOPMENT LIFE CYCLE

By

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The purpose of this report is to make a contribution to the South African Post Office Technology division. This is achieved by starting with a number of fundamental theoretical principles in related disciplines.

Risk management is proposed to the management in an attempt to increase the success rate of information technology projects. Concentrating on methodology is not the only answer. Management should accept that risks are part of the development process and should be managed. Even though risks appear throughout the development life cycle, management should realise that the starting phase of any systems development life cycle is one of the most crucial events. There is a saying in Afrikaans: "Goed begin is half gewin". Meaning that if a project starts on a healthy basis, the rest should be clean sailing.

This report should provide a useful starting point for further empirical analysis since it provides an overall theoretical framework for the systems development life cycle.