Developing a Prototype of Financial Decision Support System

A thesis submitted to the Graduate School in partial fulfillment of the requirements for degree Master of Science (Information Technology),

University Utara Malaysia

by

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ABSTRACT (BAHASA MALAYSIA)

Sistem Perancangan Kewangan direka untuk digunakan oleh perancang kewangan dalam sesebuah syarikat dengan tujuan menasihati pelanggan tentang rancangan kewangan individu yang sepatut diterimanya. Sistem ini juga boleh digunakan oleh perancang kewangan dalam promosi produk mereka. Sistem ini merangkumi aspek seperti kadar pulangan diperlukan dan perlindungan hidup, menilai keperluan sebenar pelanggan, menasihati pelanggan-pelanggan berdasarkan keperluan ke atas pendapatan yang dapat menyokong keluarga mereka. Tujuan sistem ini ialah untuk memberi jangkaan pelaburan pelanggan dan mengambilkira semua faktor dalam pembekalan keputusan kewangan dengan jelas dan penuh integriti

ABSTRACT (ENGLISH)

This project intended to develop a financial planning system that can be used by financial planners to advise clients on suitable personal finance plans that they should adopt. It could also be used by the financial planners to promote their financial plans and advertise suitable plans to individual clientel. The system incorporate aspects such as rate of return required and life cover, evaluate the real requirements of the client, advise on the requirements towards income that would also support their family. The aim of the system is to project the investment of the client taking into account all factors and finally provide an income at a stage when required.

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LIST OF ACROYNMNS

CAMS	Client & Agency Management System
DSS	Decision Support System
FPC	Financial Planning Centre
UML	Unified Modeling Language

CHAPTER 1

INTRODUCTION

This project is initiated upon the request of course TZ6996 as one of the graduation requirements of Master of Science in Information Technology. The purpose of this project is to initiate a prototype system on Financial Support System – Financial Planning Centre (FPC).

There are a lot of financial planning system being performed by organization in Malaysia. However, the current role played by financial decision support system is only focus on trying to assemble "what" happened but not dedicate more time to decision support that asks "why" and "what-if". To enhance the performance of current financial decision support system, a prototype been developed -- FPC would be handled by financial planner in any organization.

This chapter gives an overview of mutual fund, financial decision support system, and a brief explanation of FPC. Consequently, hardware requirement, software requirements, scope, limitation and significant of this project are discussed.

The contents of the thesis is for internal user only

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