REFORMING WEB-BASED ENTREPRENEUR APPLICATION INTERFACE: A CASE STUDY OF DEWAN PERNIAGAAN MELAYU MALAYSIA KEDAH (DPMMK).

A Master project submitted to the Graduate School in partial fulfillment of the requirement for the degree of Master Science (Information and Communication Technology) University Utara Malaysia

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Abstrak

Dalam membangunkan antara muka yang “user-friendly” untuk penggunaan DPMMK, banyak penambahbaikan telah dibuat. Penambahbaikan ini dapat menyumbang kepada peningkatan penggunaan “graphical user interface (GUI)”. Projek ini telah mengenalpasti sembilan elemen yang telah diimplemenkan dalam penggunaan DPMMK.

Elemen yang dapat mencapai antara muka yang “user-friendly” bagi sistem dalam DPMMK adalah keselamatan, antaramuka yang dinamik, kuasa dalam sistem, pemberian kuasa, sumber terbuka, kemudahan system, laporan, prestasi rangkaian dan fungsi analisis. Elemen ini boleh dibahagikan dua kategori iaitu elemen langsung dan tidak langsung.

Elemen langsung memberikan kesan langsung terhadap GUI. Bagi element tidak langsung akan menyumbang kepada kebolehan system dalam pensajian GUI. Contoh elemen tidak langsung adalah prestasi dan perlaksanaan.

Secara ringkasnya sistem DPMMK merupakan satu aplikasi yang dalam pelbagai perkara. Untuk mencapai antara muka yang ‘user-friendly’ sistem ini perlulah memenuhi keperluan pengguna.
Abstract

In developing a user-friendly interface for DPMMK application many new enhancement has been made. These enhancements contributed the improvement of DPMMK application graphical user interface (GUI). This project has discovered nine elements that has been implement in DPMMK application.

The element in achieving a user-friendly interface for DPMMK system is security, dynamic interface, system authority, empowerment, open source, accessibility, reporting, network performance, and analyze feature. This element could be described into two categories that are indirect and direct element.

The direct element has a direct impact on the graphical user interface such as dynamic interface, reporting and analyze feature (graphic and animation). While the indirect element for examples is performance and deployment would contribute to the system ability in displaying the GUI. The indirect elements would include security, open source, accessibility and network performance.

In short DPMMK system is a dynamic system in many aspects. In achieving a user-friendly interface the system must satisfy the user need. The issue in user-friendly interface is so wide that in order to achieve it, a system must be reformed in many aspects and not just the graphical user interface.
Acknowledgement

I wish to express my sincere thanks and gratitude to my supervisor, Mr. Mohd. Rushdi Idrus, for his patience in guiding, advising, encouraging and critically reading my report of my project.

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CHAPTER 1
INTRODUCTION

Entrepreneur application is an information system where data of member of an entrepreneur organization such as Dewan Perniagaan Melayu Malaysia Kedah (DPMMK) or Malay Chamber Of Commerce Malaysia Kedah are kept and manage. This could include member directory, management and analysis. As a non-profit organization where it aim is to benefit its member, analysis is important ability for this organization. This data could be used in training needs analysis, for the purpose of funding suitability creating networking among member.

The process of reforming entrepreneur application interface involve many technologies used in developing, designing and maintaining the user-friendly desired interface. An interface is what can be seen when an individual looks at a computer screen monitor. But achieving it involves many technical and non-technical aspects. It is not just the graphical or physical display on the screen monitor.

1.1 DPMMK Background

DPMMK is a non-government organization (NGO) that champions the interest of Malay business community in Kedah. It is a meeting place for Kedah entrepreneurs. DPMMK has lot of role in many aspect of entrepreneur development. Its existence is a catalyst to entrepreneur improvement.

Among solution provide by Information Technology (IT) such as a web based information system that could automate manually DPMMK’s member management and business process thus increasing it effectiveness and contribution to its members. Apart from providing automation, information management such as member directory, business document or online application will upgrade DPMMK level of services to it members. This is crucial especially in today’s competitive business environment.
The contents of the thesis is for internal user only
REFERENCES


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