

UNIVERSITY TECHNOLOGY MARA

Design for Knowledge : HCI SIG Website

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Thesis submitted in partial of the requirements for
BACHELOR OF SCIENCE (Hons) INFORMATION TECHNOLOGY
Faculty of Computer and Mathematical Sciences

MAY 2010

ABSTRACT

A website is an important area of study because the websites is a primary user interfaces for netabled business, information provision, and promotional activities. A large number of information repositories (Websites) already exist and latest website are being created at a very rapid rate. There are several phases involved during the development of this research project: Problem Identification and Planning, Requirements Gathering, Requirements Analysis, User Interface Design and Website Development. Researcher has done the analysis through the website observation to get ideas about the design and content. This research project can be used as a guidance to develop a good HCI SIG website. Researcher has proposed to identify the content of HCI SIG website and apply the user centred design to the development of HCI SIG website for FSKM. User involvement is very important throughout the design process in order to improve the website in the future.

ACKNOWLEDGEMENT

In the name of Allah, the Most Merciful and Most Compassionate

Alhamdulillah and peace be upon Prophet Muhammad S.A.W., this research project is finally completed with achievable objectives.

Firstly, I would like to thank my supervisor, Dr. Fariza Hanis Abd. Razak who have spent their time, patience, dedications, and also for their guidance in completing this report. Also my gratitude to the advisors for IT project (ITS690) and CS220 coordinator, Dr. Fariza Hanis Abd.Razak.

To my family, mom, dad, and all my siblings, thanks a lot for your support, guidance, sponsorship, and also understanding. Everything you have being done is requisite in completing and finishing this job.

Last but not least, I would like to thanks to all of my friends and all other parties or individual who are not mentioned here.

May Allah bless all of us.

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CHAPTER 1

INTRODUCTION

1.0 Introduction

In 2000, Barclay and Murray published in a paper in which they described the basic definitions of knowledge. It has two basic definitions of interest. The first one pertains to a defined body of information. Depending on the description, the body of information might include facts, opinions, ideas, theories, principle, and models. Besides, knowledge also refers to a person's state of being with respect to some body of information. A person's states consist of ignorance, awareness, familiarity, understanding, and facility.

Many people confuse information with knowledge. There is a major difference.

According to Hubert St. Onge of The Mutual Group, information is patterned data and knowledge is the potential to act. Knowledge includes the set of facts and rules of thumb that experts may have acquired over many years of experience. In a master apprenticeship relationship, knowledge is hopefully what the master shares with the apprentice against simply information (Liebowitz, 2001).

The exponential growth of the World-Wide Web has transformed into an ecology of knowledge in which highly diverse information is linked in an extremely complex and arbitrary manner (O'Neill et al, 1999). It is a complex information ecology consisting of several hundred million Web pages and over a hundred million users. Each day these users produce over a billion clicks through the countless of accessible Web sites. Obviously, Web site designers and content providers seek to understand the information needs and activities of their users and to understand the impact of their designs. (Ed It. Chi et al , 2000).