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THE DESIGN OF PROTOTYPE WEB PORTAL FOR MANAGEMENT STUDIES

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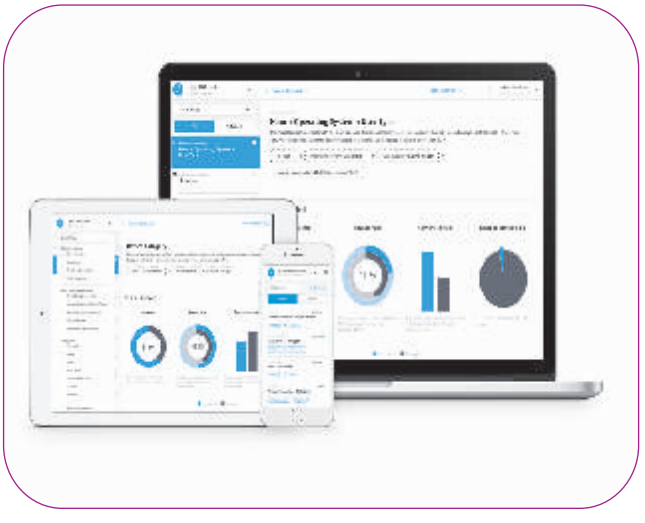
ABSTRACT: -

This paper achieved by creating a web portal because portals are nowadays becoming increasingly popular by enabling the development and maintenance of specific communities of interest on corporate intranets or the Internet. The information retrieval system once designed and development of portal, needs to be research scholars and faculty members. We are designing a web portal for Management Studies subjects, which will provide facilities such as E-Book, E-Database, E-Journals, E-Question paper, etc to students.

KEYWORDS: *Web Design , Web portal, Management studies, Information Management.*

INTRODUCTION

Providing the right information to the right user at the right time is a major challenge for libraries. In recent years, digital resources are growing and developing very fast creating challenges in information searching, service provision and resource discovery. Today's user cannot efficiently find information they need from resources on various platforms and from different vendors. They do not know how to access full-text articles from various online databases. They complain that they often feel lost among disparate resource lists and guides. Universities and other research organizations are providing significant financial support to libraries. A large proportion of this is going into the subscription of thousands of online resources each year, such as online data bases, e-journals and e-books, but their usage is relatively low. Users do understand the reliability and quality of library resources and prefer to use them only if they can find them. However, the complexity of information structures and the poor design of many library web sites make it difficult for users to discover this wealth of resources. Most university students say that they use the internet for information searching more than the library, yet university teachers notice that the students' work has deteriorated in quality with the use of the web and librarians note that the students unknowingly bypass important sources available to them through academic libraries.



Now a days growth of various technologies, learning today is no longer confined to classrooms with lecture delivery as the only method of conveying knowledge, rather, an electronic means of learning has continued to evolve. Electronic learning (e-Learning), which facilitates education using communication network, has made learning possible from anywhere at anytime using the Internet, wide area networks or local area networks.

A subject portal can assist the students in e-learning by providing wide variety of digital resources and web based library services. Subject portals are important tools for users to access and utilize library and information services over a network. Thus the subject portals function as single user interface for accessing wide variety of resources in a single window. After knowing the demand of this kind of portal, we have developed a subject portal in Management studies discipline to assist the Management studies learners in accessing variety of information related to their subject in a single log in.

Management studies was applied in the creation and maintenance of a database to store Inter related subjects Management Modeling, Business Communication, Commerce, Cost Accounting, Economics, Management studies Programming, Organizational Behaviour, Operational Research, Financial Analysis, Management Information System, Marketing Management, Statistical Analysis, Research Methodology, Operations Research, etc., Development of this type of database involved not only design issues but also the development of complex interfaces whereby researchers could both access existing data as well as submit new or revised data.

INFORMATION

The information sciences have continually distinguished between information and knowledge. Generally, "information" and "knowledge" are distinguished along three axis: Multiplicity-- Information is piecemeal, fragmented, particular. Knowledge is structured, coherent and universal. The temporal--information is timely, transitory, even ephemeral. Knowledge is enduring and temporally expansive. The spatial--information is a flow across spaces. Knowledge is a stock, specifically located, yet spatially expansive. Information is the summarization of data.

The data may be helpful to analysis information the way it is controlled and used, namely data, text, spreadsheets, pictures, voice and video. Data are discretely defined fields. Text is a collection of words. Spreadsheets are data in matrix, row and column form. Pictures are lists of vectors or frames of bits. Voice is a continuous stream of sound waves. Video is a sequence of image frames. Information, in its most restricted technical sense, is a sequence of symbols that can be interpreted as a message. Information can be recorded as signs, or transmitted as signals.

INFORMATION SYSTEM:

An information system is software that helps you organize and analyze data. This makes it possible to answer questions and solve problems relevant to the mission of an organization. Information Systems help and Review or Business Courses. A combination of hardware, software, infrastructure and trained personnel organized to facilitate planning, control, coordination, and decision making in an organization. A business application of the computer.

MANAGEMENT:

Management has been defined variously by different scholars. However, KOONTZ'S definition of management is widely recognized and used, which runs as follows. (Koontz, 1972) 'Management is the art of getting things done through and with the people in formally organized groups',. However, a manager in the organization does not get things done through a magic stick; rather he does it by performing different functions in a systematic way. The basic functions, which a manager performs in an organization are listed under managerial functions are, Planning, Organising, Staffing, Directing, and Controlling.

According to Hendry fayol to manage is to forecast and to plan to organize, to command, to co-ordinate and to control. Management is often included as a factor of production along with? machines, materials, and money. According to the management guru Peter Drucker (1909-2005), the basic task of management includes both marketing and innovation. Management is the function of organization like planning, organizing, controlling, coordinating and directing an organizations the resources in order to achieve the objectives, goals and policy.

Why are management studies Important?

Today's education scenario is rapidly changing and demanding. Students demand a higher level of access to information about their options, their performance, their learning environment and their future. They also demand that technology resources be an integral part of their learning experience. The standard for access to faculty and student services will change as students come to expect virtual access to faculty and student services resources.

This can be achieved by creating a web portal because portals are nowadays becoming increasingly popular by enabling the development and maintenance of specific communities of interest on corporate intranets or the Internet. We are designing a web portal for Management Studies subjects, which will provide facilities such as E-Book, E-Database, E-Journals, E-Question paper, etc to students.

Importance of Management studies

It is said that Management studies is the gate and key of the arts. According to the Mary parker follett "Management is the art of getting things done through people". Managers are responsible for taking actions so that individuals can contribute their best to group objectives. Thus, management applies to every organization whether it is large or small, profit making or nonprofit making and a manufacturing or service enterprise, such as church, defence, sports authority, universities or hospitals. Effective management is the concern of every person in the organization, particularly the top level management cader.

In this modern age of Science and Technology, emphasis is given on arts such as commerce, economics, banking, financial, human resources Management studies, which is a arts by any criterion, also is an efficient and necessary tool being employed by all these arts. As a matter of fact, all these arts progress only with the aid of Management studies. So it is aptly remarked, "Management studies is a Social of all Sciences and art of all arts."

Management studies is a universal part of human culture. It is the tool and language of commerce, social and other arts – commerce, management information, social science etc. It helps us recognize patterns and to understand the world around us. Management studies plays a vital, often unseen, role in many aspects of modern life, for example:

- Business decision making
- Predicting stock market prices
- Continuous and never ending process
- Getting things done through people
- Result oriented science and arts
- A group and not an individual activity
- Follows established principles or rules

Information Technologies in management studies

Information technologies have the potential to support much-needed large scale change in management studies education. Technology-rich curricula can help meet the demands of the new standards for more inquiry-based learning and new content and can support more sweeping change that goes far beyond what is envisioned in the standards. To fully realize the management studies potential of all students, we need to develop new and far more ambitious curricula for a quite different future that information technologies make possible.

Need for a management studies portal

The information should be access to students, researchers as well as faculty members keep shuttling between e-books, e-journals, patents, theses, e-database, management studies software, management research and so on. To give a bird's eye view of various resources in the field of management studies, a single window service was conceptualized in the form of a management studies portal. It aims to provide information related to management studies and its allied subjects, through a single user interface and to access a wide variety of electronic resources in the field subscribed by the management studies institution and also other

scholarly information sources that are available in full text on the web. Searching and filtering the sources available on the web and then judging what would prove useful to management studies students is of course a very tedious job.

Web Portal

A portal is a software module which can run on any device with internet connectivity with it. It can run on the web browser of a computer or a phone. The major benefits of a portal are that user can configure, customize and personalize the contents within it. Each page contains a nesting of sub-pages, where individual windows that display anything from static HTML content to complex web services. Portals thus form a network of links present at a single site which acts as a node, and this node creates a medium for information transfer and retrieval.

OBJECTIVES OF THE STUDY

The main aim of the management studies portal is to fulfil the information requirements of the faculty members, researchers and students in the Department of management studies, and also its allied departments at management institutions. As such, its objectives are to:

To understand and define the web service and the web portals in management studies.

To access easy and reliable variety of disparate Information.

- To collect the major web resources useful in the field of management studies.
- To design and develop a web portal for sharing the management studies databases and web resources.

Answering these objective questions contributes to a better understanding of Web Services and Web Portals. Helping the designers to better develop the appropriate tool for the user.

SCOPE AND METHODOLOGY

The present research is focusing on creating of subject portal in Management Studies using HTML5, CSS at front –end and PHP, Jquires at the back end. The windows platform is the operating system on which portal runs, Apache as a server, MySQL as database and PHP as the scripting language. The scope of this research is limited mainly to Management subject offered in Management Studies institutions. Management Studies is a major branch of study related to many interdisciplinary components such as Commerce, Corporate Sectoryship, Economics etc., so the available information is more both in terms of printed and online. For the convenience of the research we consider curriculum structure of the subject as a limitation to surf the information. For designing the subject portal we collected the some relevant sources of information according to the syllabus offered by the Management Studies institution.

OPERATIONAL DEFINITIONS

The definitions of the key terms employed in this thesis are given below:

Management studies : The field of commerce, business consists of the following areas of studies viz., management studies is a rapidly developing branch of online trading and is highly interdisciplinary, using techniques and concepts from informatics, Management studies was applied in the creation and maintenance of a database to store Inter related subjects Management Modeling, Business Communication, Commerce, Cost Accounting, Economics, Management studies Programming, Organizational Behaviour, Operational Research, Financial Analysis, Management Information System, Marketing Management, Statistical Analysis, Research Methodology, Operations Research, etc.,

Apache: The apache HTTP server project is a collaborative software development effort aimed at creating a robust, commercial-grade, featureful, and freely-available sources code implementation of an HTTP (WEP) server.

Command Menu: Command menu is one which, if selected, results in the execution of a given operation connected with the task function. The command menu is generally domain independent and indicates action alternatives during an interaction with the system.

Content Menu: Content menu is one which, if selected, enables the user to access the contents of the system. These are tailor made menu and are domain dependant.

Hyperlink : An element in an electronic document that links to another place in some documents or in an entirely different one which supports linking graphics, sound and video elements in addition to text elements.

Internet Explorer : Internet explorer is a free internet browser from Microsoft corporation which works across many different computer platforms. Regardless of the website we visited, internet explorer can display the most complex web pages.

MySQL : It is a multithreaded, multi-user, SQL Database Management System (DPMS). MySQL AB makes MySQL available as free software under the general public license (GPL).

HTML : Short form of Hypertext Markup Language, HTML is what web designers and developers write when they create web pages. HTML isn't really a programming language as it is missing many of the standard features associated with programming languages. It is more a way to describe how things should appear in a web browser. With it one can make sections of text bold or make the typeface bigger. It is best to think of HTML as the glue that binds all this functionality into something that a web browser can interpret and display for the end user.

PHP: In web programming and PHP is a script language and interpreter that is freely available and used primarily on Linux web server. PHP originally derived from personal home page tools. Now stands for PHP: Hypertext preprocessor, which the PHP FAQ describes as a recursive acronym.

Prototype: An original, full-scale, and usually working model of new product or new version of an existing product.

Serial Crisis : The serial price inflation that has severely afflicted academic libraries is known as “serial crisis”.

Server : A computer device on a network that manages network resources. It stores files and provides services to the client machines.

Web Portal : Originally a general purpose Web site offering a wide variety of resources and services and links to other Web sites. However, the term is increasingly applied to Web sites that offer such services only within a particular industry, occupation, or field.

Design of Web Portal: After creating the databases and deciding the hardware and software requirements, the prototype portal design process commenced. The web portal has been named as management studies portal which stands for management and business administration information.

Figure1: Home page of the Management studies Portal

It gives easy and user-friendly environment for the interaction of the faculty and students with the system through a conventional web browser. Management Studies Portal Supports a co-operative mechanisms for assisting the student whenever necessary.

CONCLUSIONS

The findings from this study shown that the quality of the Management Studies web portal is low and

that the portal itself is rarely used by the students. We proposed an approach for implementation and design of an interactive web portal for students, scholars and faculties for Management Studies department. The proposed portal provides a platform for knowledge sharing with interactive and user-friendly modules for increasing productivity and saving the user time. It enables students to get all the useful resources under one portal like e-books, e-journals, e-database ect ,. A very important part of designing a web portal is the architecture of the information. A common mistake is to arrange the information according to the developers own view. It is important that the users of a web portal are the focus when developing a web portal in order to meet the user's expectation of where to find different types of information.

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