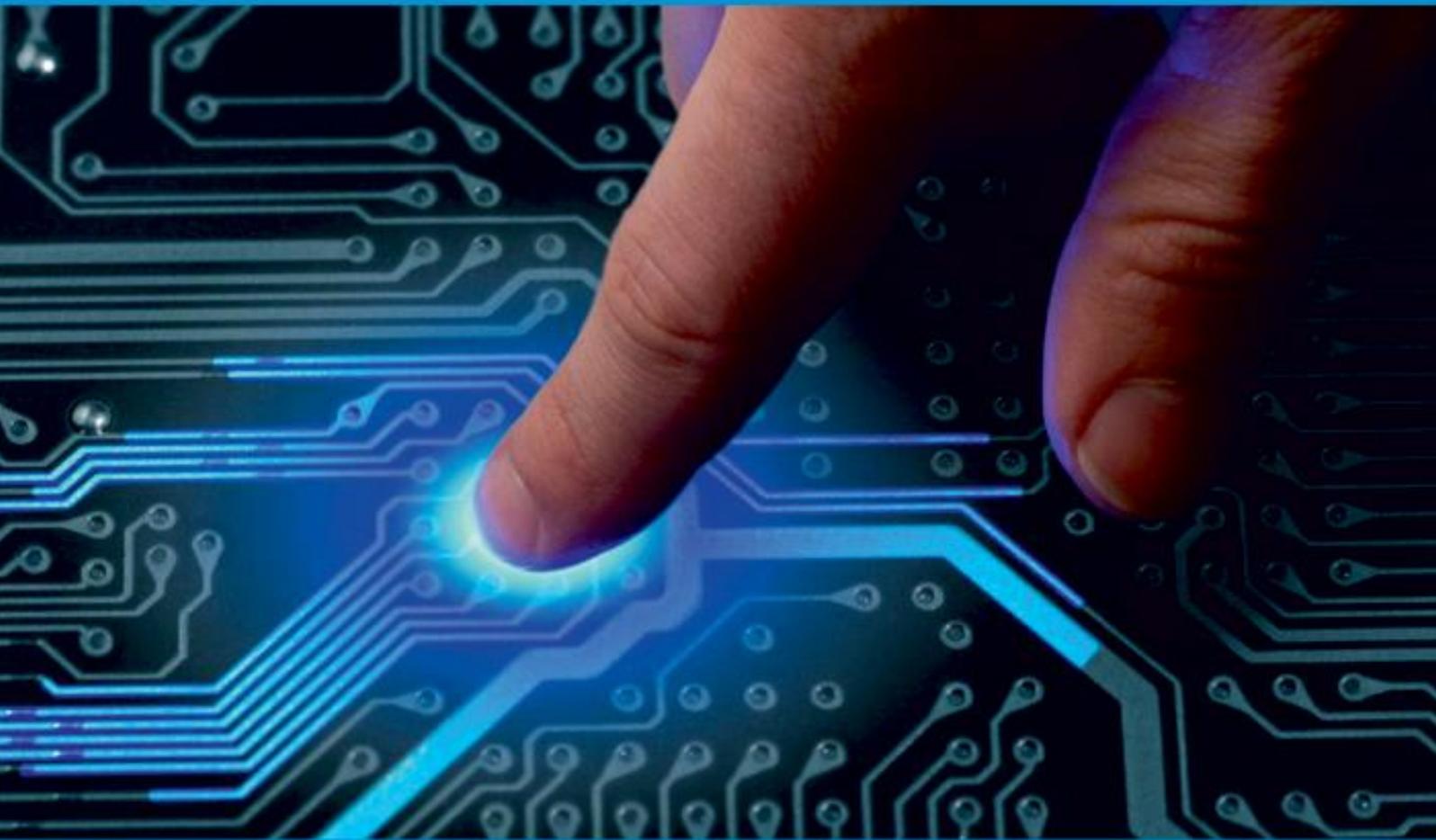




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Managing Knowledge with Knowledge Sharing Platform

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ABSTRACT: Knowledge is the awareness of relation or understanding of a person or thing such as facts, information, explanations or skills acquired through knowledge or education. Information sharing is critical to information transfer and the establishment of new universities. The platform for information sharing with university teachers, students and multidisciplinary knowledge has become a new way of teaching at universities and information sharing plays an important role in the development of information technology, teaching and independent learning. The information forum enables students to communicate freely which gives them the power to govern over the sharing of ideas and information.

KEYWORDS: Knowledge Management, knowledge sharing, web-based, knowledge-sharing platform.

I. INTRODUCTION

Knowledge sharing is very important to knowledge transfer and innovation in universities. A knowledge sharing platform, with university teachers, students and multi-discipline knowledge, has become the new innovative teaching mode in universities, and knowledge sharing plays a key role in the development of information technology teaching and independent learning. Colleges and universities no longer simply provide knowledge to students, but also manage, blend and share such knowledge among the students. Among the challenges to be overcome in higher education is the need to increase and to improve the communication between faculty, staff and students[10]. Currently the IE Department shares knowledge with its students by means of notice boards throughout the department. The internet era and the associated rapid technological changes have opened up new horizons and new challenges in the educational world. Technology plays a crucial transformational role and is a key part of changing the corporate culture to knowledge sharing by making knowledge sharing and collaborations among co-workers around the globe. The right knowledge sharing platform allows you to access the information anytime and anywhere, helps in automating and standardizing the knowledge management but there are several challenges at the time of implementing this system. The most prominent challenge is to create a culture of knowledge sharing and collaboration. Therefore, a knowledge sharing tool must support all the phases of knowledge life cycle[1].

II. RELATED WORK

In [2] authors dealing with the knowledge economy and knowledge-based knowledge competitive, many types of innovative management theory and strategies adopted by businesses to win competition. In this paper, the reason why Information management (KM) is important to discussed modern business. Focus information sharing, KM character, concept, processes, and barriers to information sharing updated. Based on them, story research information sharing with real estate discusses the planning business. Case study illuminates how to share information internally business according to individual status.[7] Based on Microsoft.net, web-based information sharing the forum is designed to support information sharing within the business. As a kind of special economic resources, only there information shared and used by many employees, can it reaches its value. By sharing information, continue one hand, employee number owned by knowledge grows, thus individual employees knowledge level is improved; on the other hand, and the amount of building knowledge is increasing[3]. Authors used to give a description of the whole place information sharing. Many scholars have definitions from their own point of view. Based on these definitions, an important definition of information sharing can be found in the following three features. From a knowledge-sharing perspective, clear and confidential information may be separation. Sharing vague information is the key important, and very

difficult to achieve. There are many ways and means available access information sharing, such as face-to-face contact, conference, information network, organization reading, etc[4]. Information sharing involves individuals, groups as well organization; one of the purposes of information sharing transfer information from individuals to a group or organization. [9]In summary, information sharing is an improvement the transfer of knowledge between knowledge lessons with the help of all kinds of information sharing ways and means. So the right information it will spread throughout the organization and take much the result. The transfer of information takes place within individuals, groups, organization, individual and team, individual and organization, group and organization the path[1].

[11] Sharing information in higher education institutions through web-based media is about delivery student, faculty and administrators together in a “net” area allocated for the purpose of communication once and for all discussion of new ideas. However, an effort to find specially designed information sharing programs education exchanges have provided very little reward as most of the information sharing programs are focused on business rather than education. Among the few information sharing programs developed in the educational community Refshare, an information sharing tool developed at the University of Pretoria [5]. Refresh would serve as a repository for smart products for staff and graduate students Phytomedicine system and supporting group interactions and interactions between them. Although the system is very good as a digital backup and recovery system, it does not work very well in collaboration with the team collaborating with ongoing efforts to integrate it with Blackboard's educational software to address it lack. Also, Gavvani and Faranak [6] developed a Wiki to support discussion moments such as brainstorming and a group discussion between staff and students with Medical Library degrees and Information Science. See how readers enjoy using the Wiki with its flexibility and interaction.

III. METHODOLOGY

When using information sharing, you should the method of sharing information should be selected in the form of information. Clear information easy to share, because it can be displayed by language. Thus, technology is information sharing he can play a leading role. Two points should be paid extra attention during sharing information: a) the representation of clear information should be easy to understand, and b) segregated once the storage of clear information should also be easy to find when needed.

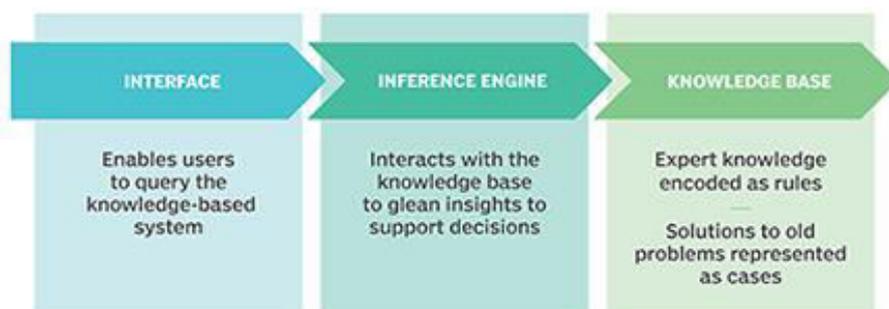


Fig.1: System Architecture

System design is usually due to system requirements. Therefore, a survey was conducted designed to establish student information sharing methods and faculty at Babcock University Postgraduate School. This is to ensure the need for a web-based information sharing system and this create a link between the needs of the community and the proposed system. The results showed that most respondents were positively interested in web-based information sharing programs and shared their knowledge in particular through Facebook and Twitter. Therefore, the findings confirmed the need for a web-based, information-sharing system is necessary.. They are web-based programs which means they can work with many popular browsers like Internet Explorer, Google Chrome, Mozilla Firefox and Safari.

The design model was based on a modified framework of the Model View Controller (MVC) with two heads the components are[8]:

1. View: this represents the interface or front of the platform where users interact system. Different pages and features of the platform have been made available and accessible by users using a web browser. Views were designed using HTML / CSS, and React.js for dynamics, it is interactive and easy to use.
2. Model: this database structure and control is one unit. Database created tables that store all user information, their conversations and interactions with other users connected to them network. Built with MongoDB data software package. The controller contains everything codes required by the forum to make requests and inquiries submitted by

users. It also takes care of it your security on both the website and the platform in general. It works like a smart link between database and View..

IV. SYSTEM FEATURE AND FUNCTION

The product features of Knowledge Sharing Platform are as follows:

1. Interaction : Anyone can interact with each other on the platform. Students also interact with existing content. It will be helpful to boost your studies.
2. Personal Chat : The people on the platform can chat a personally regarding problems or questions and can get a quick solution.
3. Campus Section : In the section, the Campus information, application link, information regarding new arrivals of placement hiring will be provided.
4. Sharing Images: The users can also share pictures along with their doubts or questions.

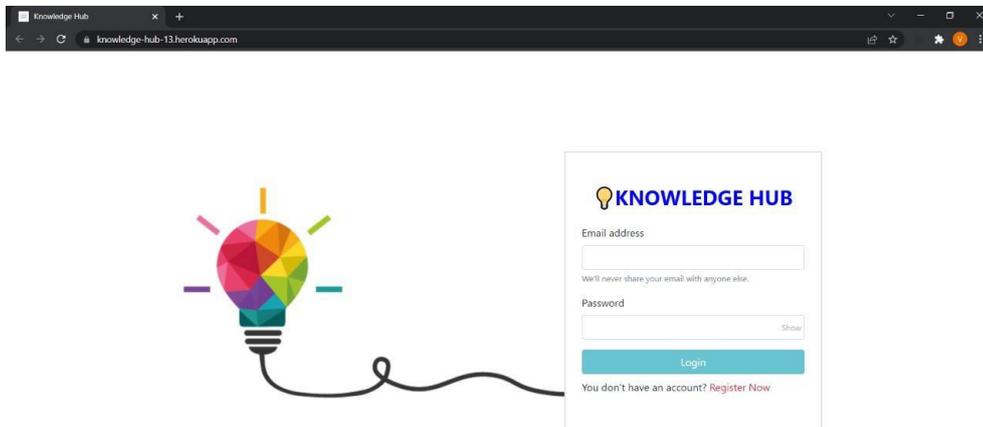


Fig.2 Login Page of Knowledge Sharing Platform

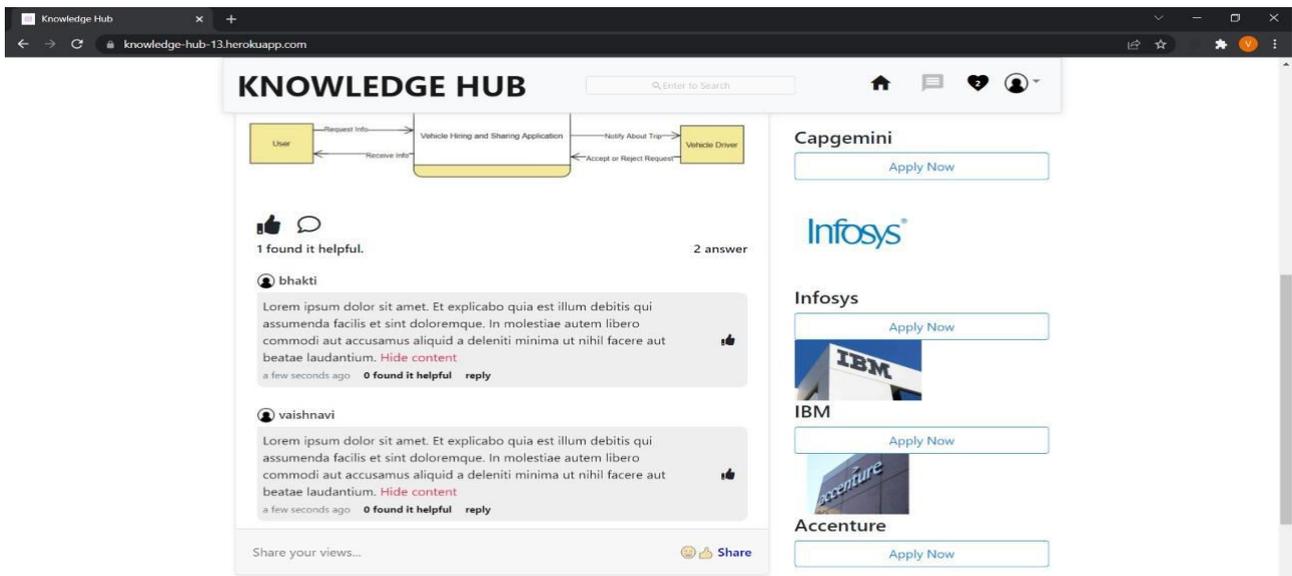


Fig.2 Solution Page

V. RESULTS

One of the biggest challenges businesses face today is the transfer of knowledge, especially from one generation to the next. As older employees retire, important institutional knowledge and skills go with them. In a fast-paced business environment, photographing and sharing that information is critical to the long-term success of your organization.

The Knowledge Sharing Platform first takes log in credentials from the user. If the user is not registered, the registration form opens. The Ask Here module is used to view questions and give answer to those questions. After receiving the data the website successfully updates it. These systems are to be provided in an efficient, cost effective manner, with the goal of reducing the time and the resources currently required for such tasks. The system will help students to get efficient solutions of their doubts.

VI. CONCLUSION AND FUTURE WORK

The goal of knowledge management is to preserve the knowledge of employees, make sense of the chaos, and streamline it to support organizational goals. Knowledge management ensures the flow of knowledge between the right people at the right time and in the right format to enable them to do their jobs more efficiently. It helps to innovate better using the vast knowledge of people with experiences and projects. It can create better innovation and improve the efficiency which promotes healthy collaboration among students and teachers.

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