



Android application for knowledge sharing

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ABSTRACT

Social Networking sites like Facebook and LinkedIn are the most popular web destinations today. And why not, they provide a platform for people to connect with friends, relatives and acquaintances across the world. The facilities they provide have allowed them to overtake e-mail as the most potent killer application on the net. Proposed system is a Social networking Mobile application, which primarily focuses on Knowledge sharing between Different kind of users (users from all ages like students, working professionals etc.) according to users own profession. The main objective of this system is to eliminate the unnecessary, improper usage of social networking platform and motivate users to use the same for professional profits. As well to keep each user updated towards his/her profession. Users will get to read blogs, stay updated with the events and news related to their profession.

Keywords :Blogs, Events, Connections, News Feed

I. INTRODUCTION

Social networking sites have become an essential part of our lives nowadays. It has gained astounding worldwide growth and popularity by attracting millions of users worldwide. It is one of the rapid and significant changes in developing of information technology that have an effect on the human communication way in terms of both speed and convenience aspect. Online social network refer to societies, composed of ones who share common interest and activities connected through the internet technology. They reflect networking in terms of social relationship amongst people such as users with common interest will join the same group of online social network, and same user profiles always have a tendency to perform similar activities.

There are many networking sites available which along with providing the useful facilities also provide some unnecessary data. Therefore there is a need to develop a site that will be purely knowledge oriented.

The mobile application will connect people of shared interest area. It will allow them to read and write the blogs. It will also inform the users about the events which are holding in their nearby locality. It will not only enhance the knowledge base of the users but will also help them to get the updated information about their profession as well as their area of interest.

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II. LITERATURE REVIEW

1) "The Application of Blog in Modern Education", 2008
In this paper, the basic features of blogs are been introduced. Along with that it gave analysis of the three things - thought share, non-linearity and concentricity, criticalness and multivariate collision .In this paper; various applications are given where the blogs can be used for eg. Student's study and teaching. This paper Discusses the application of blog in modern education .The author wants to change the traditional study and research modes through the blog which will help in digital survival.

2)"Constructing initial Design Patterns for Online Social Network-based Applications"

This paper presents with the initial design patterns for social networking applications which tells the basic requirement to connect to Application Programming Interface (API) .This paper also tells ways to retrieve information n from the social networks. It covers the three popular social sites – Facebook , Twitter and Google+. Some of the examples are also included in this paper

3) "Information sharing on social media sites", 2013

This paper provides two uncertainties for the adoption of social media which are both information shared and

provider of information. Validation of how the information is share is been provided in this paper. Along with that different types of information which is shared on social technologies can be known. Future work will extend the information characteristics framework and evaluate it using social media sites.

4)“Social Networking: Power to the People”

In this paper, we argue for a decentralized paradigm for social networking, in which users act to control of their profiles. Here social networking sites focus on the delivery of innovative and competitive services. The position is that only in this environment will both the social networking sites and Their users will be able to develop to their full potential.

5)“Exploring the Role of Social Media in Knowledge Sharing”,2015

The paper provides recommendations to the organizations how to motivate the employees for using social media technologies for their work purposes in knowledge sharing This research was defined to find out more about the relation between social media tools and knowledge sharing within organizations. In future, usage of both the internal and external for the social media tools will increase.

6)“Secure Knowledge Management: Confidentiality, Trust, and Privacy”,2006.

In this paper, certain access-control techniques will be investigated. Trust management as well as privacy control for knowledge management will be explored. Architecture for secure knowledge management is provided in this research. Then focus was on two prominent security techniques that are RBAC and UCON .Theses both the security techniques are explained and shown how the approaches may be applied practically.

7)“Knowledge Sharing in Workplace: Motivators and Demotivators”, 2011.

This paper gives an overview of knowledge sharing in workplace. Technology was having high role in increasing the productivity of knowledge sharing. It plays a critical role in creating, storing, and distributing explicit knowledge Many factors have been identified as facilitating knowledge sharing in an organization, and culture is often considered as one of the critical ones.

8)“An Architecture for Mobile Social Networking Applications”, July 2009.

In this paper we identify the current characteristics if social networking applications and how they interact users. Finally, this paper propose an agent based architecture that is based on distributed platform for developing semantic and semi-automated mobile social networking applications

III.PROPOSED SYSTEM

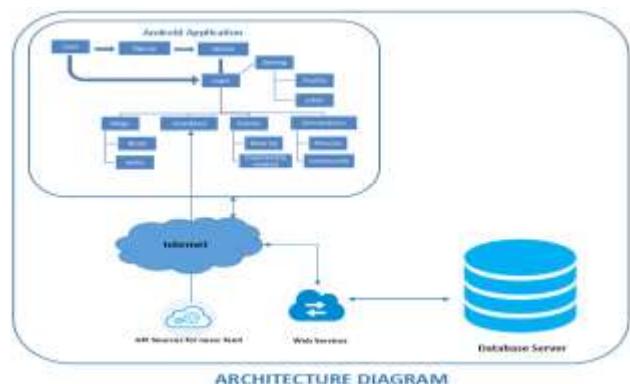
Proposed system's primary objective is knowledge sharing and keep the users updated about their profession. LinkedIn also specifies its objective as exchange of knowledge and ideas but it fails to do so because of various reasons like no obligation on what the user will post and how other users will see the post or blog. Many of the posts have the links where the user will get actual information but many times user ignores such kind of posts. To avoid such kind of issues proposed system will be implemented in much user friendly interface. In proposed system every user will be categorised into groups according to his/her proffession.User's basic information,academic details,work details will be taken at the time of signup or registration. Depending upon this information, users will be provided with blogs,news feed,event suggestions and connections. Blogs will help the users to gain the theoretical knowledge of current trends of his/her proffession as well as any other knowledge which he/she wishes to know. News feed will help the user to stay updated about his/her proffession as well as any other field, in which the user is interested. Events will include suggestions of events like presentations, exhibitions, competitions, seminars, workshops, etc. so that the user can attend those events for increasing their knowledge base. Connections will help users to connect with other known as well as unknown users so that they can communicate directly for the purpose of knowledge sharing.

DESIGN AND IMPLEMENTATION:

The system consists of three basic components:

- 1) Android Application
- 2) API sources
- 3) Database server

Android application takes the data from API sources for news. Web services are written to display news in android application. MySQL is used for database. Data of users, blogs and events are stored in database and retrieved from the same database which is on the server side. Web services are written in php through which android application communicates with server.



Android Application features :

Blogs – With the help of this, users will be able to read as well as write blogs. Users will be fed by the blogs related to their profession and the area of interests provided by them. Each blog will be rated by the users and on basis of the ratings, blogs will be sorted and shown to other users. Users can also comment, share and report about the blog.

News feed - Users will be provided with the latest news related to their profession and their area of interest. This news will be collected from multiple sources. News will be well categorized and precise to their profession.

Events – Users will be provided information about the professional events to be held in their nearby locality. Users can also create the events by their own and invite the other users.

Connections – Users will be able to connect with their friends, colleagues, co-workers or any other users whom they know. Users will also be able to send personal messages to other users in their connections.

IV.FUTURE SCOPE AND CONCLUSION

Social networking ideas have very bright future and emerging scope. Many application and ideas have been proposed on the basis of this concept. Online social networking sites provide facilities like messaging, making page, profile and connectivity. We say that these sites can be used for education and knowledge sharing purpose, but only 10% to 30% information sharing is done. So we are introducing a dedicated platform for knowledge sharing. It has facilities like news where we are giving news on the basis of personal interest. Also Blogs are provided where people can read and write blogs. There are Events, so that users will know about the events happening in their nearby locality and related to their interest. Also Connectivity is provided, so that people can ask questions to experts of particular field. In future, Communities can be formed by users where they can share their knowledge. Also advanced filtering algorithms can be used to filter the blogs,events according to their professions. Searching of various blogs,events , news and users can be provided. Hence this is an open source android based application which will help people to get information and knowledge. It can be used as a learning platform too.

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