

# E-Connect: a Workspace for Data Sharing & Storage on Cloud

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## ABSTRACT

With the increasingly ubiquitous nature of Social networks and Cloud computing, users are starting to explore new ways to interact with, and exploit these developing paradigms. Social networks are used to reflect real world relationships that allow users to share information and form connections between one another, essentially creating dynamic Virtual Organizations. This paper outlines our vision, and experiences with a social storage cloud, specifically at possible market mechanisms that could be used to create a dynamic Cloud infrastructure in a Social network environment. We believe that combining trust relationships with suitable incentive mechanisms (through financial payments or bartering) could provide much more sustainable resource sharing mechanisms.

**Keywords:** Cloud Computing, Social network, Database system

## 1. INTRODUCTION

We introduce this network as a social network so that it can be used by employees in the organization. Social networking has become an everyday part of many people's lives as evidenced by the huge user communities. Some communities even exceed the population of large countries, for example Facebook has over 400 million active users. Social networks provide a platform to facilitate communication and sharing between users therefore modelling real world relationship. Social networking has also extended beyond communication between friends. The structure of a social Network is essentially a dynamic virtual organization with inherent trust relationship between friends. Storage clouds are often used to extends the capabilities of storage limited devices such as phones and desktops, and provide transparent access to data from anywhere. In this paper also introduced the quality of leadership network. These types of networks are commonly

the focus of leadership development efforts. Network perspective is the ability to look beyond formal, designated relationships and see the complex web of connection between people in and beyond your organization. We hypothesize that part of the explanation for this is that the weekly work meeting engender a social network among the subcontractors, with concomitant improvement in communication, reliability and trust, and in this way enhances coordination and results in better workflow. Leadership network are a response to a rapidly changing world that is increasingly interconnected one requiring greater learning and collaboration for solving complex problem.

In this paper we outline our vision of cloud and describes our experiences with a prototypes. The rest of the paper is outline as follows: section 2 outlines related work that describes the work proposed. Architecture described in section 3 along with

bonding and relationship. Section 4 described the working with sharing of information, database storage, role of admin. Applications describes in section 5 and finally refine and conclusion are describes in section.

## 2. RELATED WORK

There are multiple instances of social network and cloud computing integration. However most example use cloud platform to host social network or create scalable application

within the social network for example, Facebook user can build scalable cloud based application hosted by amazon web services. As we introduced the cloud architecture as a social network in the organisation. We also introduced the leadership quality of the admin in the cloud as role as leader we improve their understanding of show the organisation really works. Organisational chart provides a poor picture of how work actually happens. Leader with a network perspective look beyond prescribed flows and connection to informed structures and processes. They understand how information flows through the complex web of relationship with in and across departments and up and down of an organisational levels. This perspective reveals densely connected clusters, bridging ties and inferential people who are often not formal leader.

As we know on every social network we are connected to each other worldwide. As a friend informally, but in this we made friends within an organisational only. We introduce a cloud work in a organisation. These cloud works as a space for communicate with each other and share the idea to everyone. In this cloud the people in the organisation distributed the information about the work done. In the organisation as if anyone worker not attend the event or meeting then he got an idea or information about the event from that space, as everyone are connected in the organisation in that space.

## 3. ARCHITECTURE

In the structure of this type of cloud the user should first login or sign up with the personal account. The user should create the account with the user name and password. The user should able to create the group with the other employees work in that organization. See the fig.1 for illustration. The work of employees in that could is same as other social network like chatting, posting, commenting, etc. The admin also did the same work as employee. The cloud has two login one as user login and other as admin login. The user could not able to login with admin.

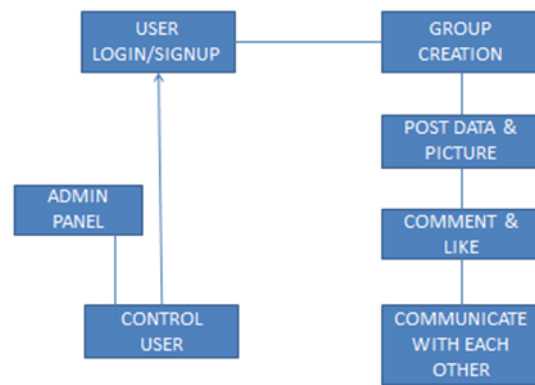


Fig. Architecture

### 3.1 Bonding or Relationship

This topic is related to a social network analysis. Social network analysis is a set of theories, tools, and processes for understanding the relationships and structures of a network. The "nodes" of network are the people and the "links" are the relationship between people. Nodes are also used to represent events, ideas, object, or other things. A set of social ties that are structured to increase performance. These ties are often informal and exist outside the formal organizational structure, such as when an employee seeks advice from a colleague other than her supervisor to help solve a problem more quickly. At other times, teams or communities of practice are intentionally created to organization that interface with performance, profit or delivering on once mission. At the inter organizational level, leadership networks support organization with shared interest to produce a product or deliver a service more efficiently.

## 4. WORKING

There are multiple social networking sites that provide various services or abilities to share the information among worldwide. These sites are generally use as publically where many users can communicate each other simultaneously and share the information among them. In this paper we introduce that type of cloud which will use in organizational aspects as well as corporate section for share the official data between them. This cloud is used in particular organisation where the employee wanted to share the information.

### 4.1 Sharing information

Every organisation has the various information depend upon their departments. This information is shared by employees, workers, and major authorities in the organisation. The information are shared by the employees by adding post or by sharing the information between various groups among employees. The user can also like and comment the post created by other user. The user has the friend recommendations depend upon their likes and comments. The users who have the same opinion or comment ate added to

their friend recommendations. The user has their own profile where they can save their information. The user can also share the pictures, images, documents, etc. They can communicate with each other by making the group of employees for better understanding and reliable communication.

#### 4.2 Database Storage

The clouds which contain the large amount of data also have the large amount of database for store the information. The database contain by this cloud can store all information about the every action taken by the user and the admin. The database stores the all information of the employee about their departments, their username, their address, identification number, salary, etc. These information are stored in the database and look under the admin. The authorities of the database are totally having the admin. The admin have the authority to make change in the database. The database stores all the information about the users like, comment, post, etc.

#### 4.3 Role of admin

The leadership network describes the role of the admin in the network. The admin act as the leader in this network. The role of admin can be performed by any higher authority in the organisation. The admin have the authority to handle the cloud totally. The creation of user account, providing the space to the user for their profile are done by the admin. The user does not open his account without the permission of admin. The admin have the total authority to decide that to give the permission to the user.

### 5. APPLICATION

Now a days social networking sites are used everywhere, where communication is needed to doing the official work. This paper outlines the idea about use of the social networking in the organisation. This cloud can be used in any organisations where large amount of employee are work and wants to communicate with each other. The problem with big organisation is that they cannot communicate with each other easily as the organisation are differentiated in different different departments. This cloud can overcome this problem and give the efficient communication between the employee. This cloud can also use in the colleges, school, and government departments, etc.

### 6. CONCLUSION

A system is developed so that users can connect with other users.

And also user can share the data securely within the organisation.

We have shown that even under load, our system can perform multiple concurrence auction that would satisfy the requirements for moderately size social network.

### 7. REFERENCES

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