

# Enhanced Communications between Community Clouds

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**ABSTRACT:** Now a days cloud based communications is a big boon for Information Technology. Various groups of people are segregated as community in cloud environment. The effective schedules of these communities depend on the communication tools utilized in the public cloud. The system is developed such a way that the dilemmatic schedule decisions can be raised through their account. In dilemmatic scheduling problems it gives more flexibility in the work area. According to the time bounds their final decision and the importance of the task is manipulated by the priority number and communicated through the cloud to them by time to time. So this system provides effective utilization of cloud environment.

**KEYWORDS:** Public cloud, Dilemmatic scheduling, time bound, Information Technology, priority number.

## I. INTRODUCTION

A large group of interconnected computers are accessed via internet in cloud environment. It has a high enabled technology and infrastructure to the user. Cross enterprise and cross platform availability is the main feature of this environment. The cloud technology and infrastructure is invisible to the user and it is based on user and task centric.

In early days, communication is based on several peer to peer technologies. So multiple users can communicate online with more resources which has less technology development. Now a day's communication happens with highly qualified technologies.

With own PC or portable devices the user can connect to the cloud environment. The user sees this as single application or device but the hardware is invisible.

The data stored in the cloud environment is in static location even though viewed as static server. The communication between communities is done by the grouping of like minded people anywhere in the world. They perform their task and manage their schedule in where they are. The task management or the event management is not a single task to perform in a day. They have do-to list with lot of dilemma in their hands. The web based task management is done through cloud and communication is done through that. The event scheduling is managed and timely updating is reflected to the community that is the community communication is done through virtual. The scheduling is based on the arrival request and importance for the task is manipulated and prompt is given based on that. The community people manage their schedules on the response they get from that.

The various advanced technologies like client server, grid computing area also providing communication. But the cloud based communication is a powerful technology for communication as well as for virtual resource sharing. Some of the features of cloud are sharing of software and hardware, messaging through the internet. Apart from these community clouds enhances communication scheduling in scheduling tremendous way. The blog, calendar, social network are providing data sharing among billions of users through internet [8].

In this internet world, cloud is a giant tool for data sharing. In the economic point of view the resources must be highly utilized in efficient manner. By decision making in the scheduling on communities makes the resources utilization more. The groupings of communities are based on the activities they perform. By using cloud the message are communicated in instant way whenever it requires.

After fixing the event on the particular time, there are possibilities of dilemma to occur. It can be analysed according to the time bound of their final decision. For the successful and beneficial scheduling of their events the bound number are produced according to the possibilities.

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## II. EXISTING SYSTEM

The reservation according to the to-do list on the calendar is static one now a days. The pitfalls in this method is there is no possibility of re-assess the plan. Most of the time the concrete conclusion will not give 100% success. It needs to involve further discussions on the to-do list.

## III. PROPOSED SYSTEM

Providing the flexibility on their to do list and scheduling on cloud environment makes the process more successful. The web calendar in cloud is the central registering place for all type of cloud community peoples. The confident level about their schedule gives some possibility of altering the other group's schedule. The priority number to each and every schedule is the key factor to decide more in their dilemmatic scheduling.

In this system we calculate that factor according to two parameters:

1. The schedule on which they have dilemma.
2. The time required for their concrete conclusion about the session.

The priority number is derived as follows:

Let,

IS – Issued Session (date)

RP – Requesting persons (Number)

MB – maximum bound (IS, time)

PN – Priority number (IS, number)

$$PN = \frac{MB1 + MB2 + \dots + MB3}{RP}$$

RP

Suppose some other group tries to schedule on Issued session (IS), then the priority number(PN) is calculated from the basis of RP and MB. This PN is communicated instantly to the requestor. Now the registering option on that particular session is open choice to the requestor. Suppose that requestor do not want to register on that particular session by having priority issues, it is possible to select alter.

## IV. EXPERIMENTAL RESULTS

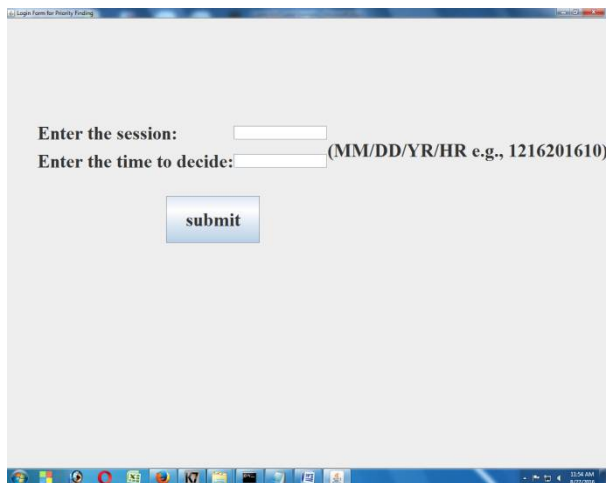
The web calendar like Google, myspace etc., provides efficient way for the task scheduling of various community groups. In cloud environment this calendar information can be shared by using various social network, e-mail and instant messaging like methodologies. In our system the requestor requires instant message of the priority number of the requesting session. Now the requesting of that particular session and response is done through internet on cloud environment. After the PN calculation the response is done through instant messaging immediately by using the famous messaging softwares like way2sms. Here the main advantage is the result on the calendar will be reflected immediately to all the groups with updating.

Figures shows the results of various situations of session registering. Fig (1) shows the registration form for the session. (2) is the result of the first scheduler after registration. (3) Priority number of the user registering already scheduled session.

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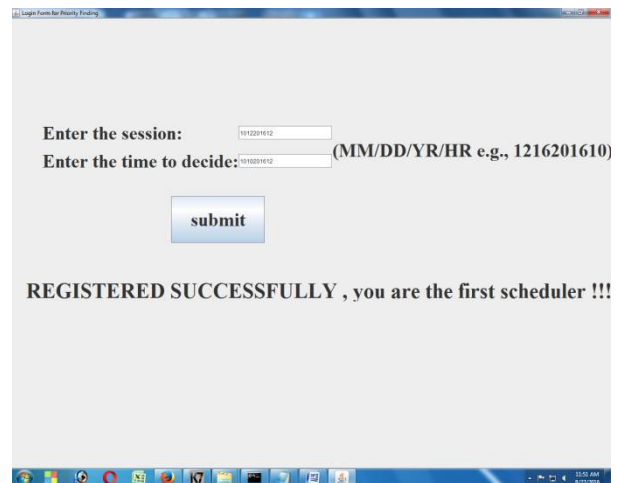
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Enter the session:   
Enter the time to decide:  (MM/DD/YR/HR e.g., 1216201610)

submit

(1)

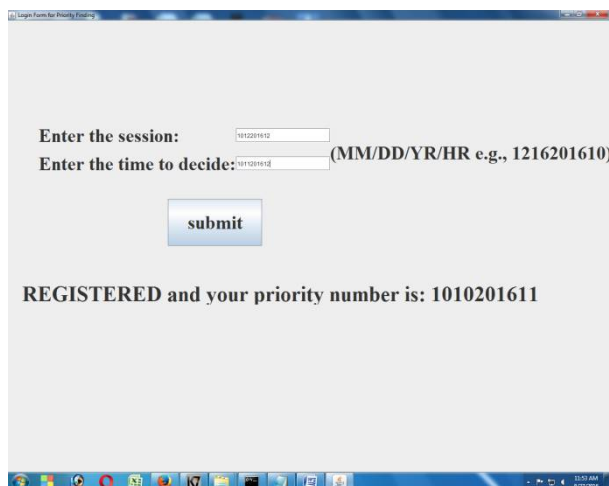


Enter the session:  1010201612  
Enter the time to decide:  1010201612 (MM/DD/YR/HR e.g., 1216201610)

submit

REGISTERED SUCCESSFULLY , you are the first scheduler !!!

(2)



Enter the session:  1010201612  
Enter the time to decide:  1010201612 (MM/DD/YR/HR e.g., 1216201610)

submit

REGISTERED and your priority number is: 1010201611

(3)

## V. CONCLUSION

The main problems of dilemmatic schedules in the to-do list is solved by using the priority number from various parameter. The formula for PN calculation aggregates all the bound time and requestor. This flexibility on decision making provides more success index in the business environment. By having more cloud resources this scheduling method is a powerful tool for smooth movement in an organization.

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