

## **Cartel Communique**

M Subramanyam<sup>1</sup>, N K Dinakar<sup>2</sup>

### 1STUDENT, DEPARTMENT OF MCA,MOTHER THERESA INSTITUTE OF COMPUTER APPLICATIONS, PALAMANER,INDIA 2ASSISTANT PROFESSOR, HEAD OF DEPARTMENT, DEPARTMENT OFMCA,MOTHER THERESA INSTITUTE OF COMPUTER APPLICATIONS, PALAMANER, INDIA

#### Abstract

Various kinds of chatting applications are presently used. But these applications are designed in a general way and not suitable to the requirements of corporate organization. The objective of In-House Communicator is to enable communication among all employees of an organization over the intranet/Internet. Two or more users can connect with each other and can communicate. The proposed system is to provide a web application which permits only employees of an organization. It aims to do the following: Grouping: Group of selected users; Support for multi-conference; by selecting a single user from the list, Chat can be achieved; By selecting all the users in the list, Conference can be achieve.

#### I. INTRODUCTION

Effective Communication is significant for managers in the organizations so as to perform the basic functions of management, i.e., Planning, Organizing, Leading and Controlling.Communication helps managers to perform their jobs and responsibilities. Communication serves as a foundation for planning. All the essential information must be communicated to the managers who in-turn must communicate the plans so as to implement them. Organizing also requires effective communication with others about their job task. Similarly leaders as managers must communicate effectively with their subordinates so as to achieve the team goals. Controlling is not possible without written and oral communication. Managers devote a great part of their time in communication. They generally devote approximately 6 hours per day in communicating. They spend great time on face to face or telephonic communication with their

superiors, subordinates, colleagues, customers or suppliers. Managers also use Written Communication in form of letters, reports or memos wherever oral communication is not feasible.

Thus, we can say that "effective communication is a building block of successful organizations". In other words, communication acts as organizational blood.

# The importance of communication in an organization can be summarized as follows:

- 1. Communication promotes motivation by informing and clarifying the employees about the task to be done, the manner they are performing the task, and how to improve their performance if it is not up to the mark.
- 2. Communication is a source of information to the organizational members for decision-



making process as it helps identifying and assessing alternative course of actions.

- 3. Communication also plays a crucial role in altering individual's attitudes, i.e., a well informed individual will have better attitude than a less-informed individual. Organizational magazines, journals, meetings and various other forms of oral and written communication help in molding employee's attitudes.
- 4. Communication also helps in socializing. In today's life the only presence of another individual fosters communication. It is also said that one cannot survive without communication.
- 5. As discussed earlier, communication also assists in controlling process. It helps controlling organizational member's behavior in various ways. There are various levels of hierarchy and certain principles and guidelines that employees must follow in an organization. They must comply with organizational policies, perform their job role efficiently and communicate any work problem and grievance to their superiors. Thus, communication helps in controlling function of management.

An effective and efficient communication system requires managerial proficiency in delivering and receiving messages. A manager must discover various barriers to communicate analyze the reasons for their occurrence and take preventive steps to avoid those barriers. Thus, the primary responsibility of a manager is to develop and maintain an effective communication system in the organization.

#### II. MODULES

This application consists following modules.

- 1. Administrator module
- 2. User module
- 3. Conference module
- 4. Report module.

#### 1. Administrator Module:

This module is for an administrator of an organization. By using this module, administrator can control all operations such as creating employee ids, controlling employee by giving access permissions etc. Administrator can handle following functionalities: address details, offline messaging, managing user related information, view statistics etc.

#### 2. User Module:

This module is about employees of an organization. By using this module an employee can create chat rooms, participate in conference using chat rooms, maintain address lists, offline messaging, check status, search etc,.

#### 3. <u>Conference Module</u>:

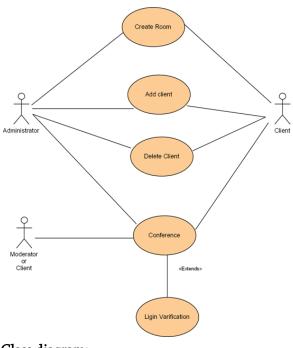
By using this module administrator/employee can create chat rooms, logon to chat rooms and also they can view details of all chat rooms that are available.

#### 4. Reports Module:

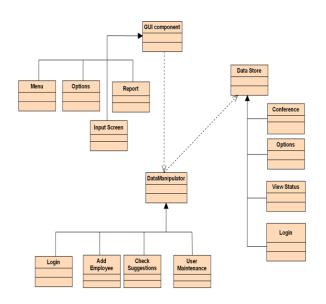
In this module administrator can generate various reports regarding employees and their activities.

Uml diagrams:-Use case diagram:-





Class diagram:-



Screen shots:-

Home page





#### Add employees

Add Employee - Micro	osoft Internet Explorer	ΞX
1 1 1 I	es Tools Help	
🕞 Back 🔹 🛞 - 🚺	🗋 🙆 🏠 🔎 Search 🤺 Favorites 🔣 🍃 - 🌺 🔟 🔹 🗾 🛍 🎇 K 🍇 👘	
Address 🗿 http://localhost:2		Links »
		^
	1 <sup>0</sup> m.	
	Add Employee	
	Employee Id 13	
	Date of Joining 30/sept/10	
	Add Emp	
	RUCENP	
Done	S Local intranet	v
_	Vindows • 🍗 Di\Tomcet 5 🔅 2 Internet • 🐼 MyEclipse De 🗳 28.Cartel Co 🔇 🐹 1	1:41 AM
Client log		
Client Login Page - Mic		X
File Edit View Favorites		<b>1</b>
🕃 Back 🔹 🐑 🐘 👗	🗟 🟠 🔎 Search 🤺 Favorites 🛷 🔗 🥘 🔟 🛛 🛄 🛍 🎉 🌿 🖏	
Address 🗿 http://localhost:20	010/In-HouseCommunicator/Client.html 🛛 😧 🄁 Go 🛛 Lin	ks »
		4
$\mathbf{O}$	Cartel Communique	
Home		
Administrator	<u>Client Login</u>	
Client Services		
Suggestions Logo	User Id <mark>mahesh</mark>	1
	Password •••••	
	Submit	
	Clan in Mary Hear Preset Deserved	
	Sign up New User_Forgot Password!	
3		•
C Done	S Local intranet	
🛃 start 🔰 🗎 2 Wi	indows 🔹 🍗 D:\Tomcat 5 🦉 2 Internet 🔹 🖓 MyEclipse Da 📑 28. Cartel Co 🔇 🌋 11:44	AM

#### Admin write a message

🕙 Write Offline - Microsoft Inte	rnet Explorer						i 🖻 🗡
File Edit View Favorites Tools	Неф						
🚱 Back 🔹 🐑 🔹 😫	💧 🔎 Search 📩	Favorites	<del>0</del> 🔗	🎍 🛛 • 📴	K 🗱		
Address 🗿 http://localhost:2010/In-H	auseCommunicator/writeoffli	ne.jsp				Y 🔁 Go	Links »
		4	t				^
		Write N	Iessage				
To	mahesh			(Ex. vijay[,kis	shor,])		
Subject	hi						
	today demo is co	nductin	ıg at 5pm		2		
	Send	)	Re	eset			
<u></u>							<u>v</u>
Done           Une           Undexes           Undexes	<ul> <li>b D:\Tomcat 5</li> </ul>	(d a 14	ternet 🔸	🛞 MyEclipse Da	28.Cartel	Local intranet	11-47 MM
		1.00	lemet *	Multipera	20.catery		11.77 80
Client view	message	es					
🗿 http://localhost:2010/In-Hou	seCommunicator/read	offline.js	p - Microsoft	Internet Explore	ſ		đX
File Edit View Favorites Tools							1
🚱 Back 🔹 🕥 🔹 📓			<b>∅</b> 🔗	🎍 🛛 • 📙	K 🔣 🖡		
Address 🗃 http://localhost:2010/In-H	xuseCommunicator/readofflir	ne.jsp				Y 🄁 GO	Links »
	Welco	me ma	hesh				
Home Addresses	Conference	Offline	View Statu	s Options	Search	Logout	
	0	ffline F	Reading				
Compos	e Check	kAll	Clear	Delete			
	From			Subject			
<b></b>	dmin		hi				
_							
2						-	V
http://locahost:2010/In-HouseComm	17				-	Local intranet	
🛃 start 🔰 🚞 2 Windows	🔹 🏷 D:\Tomcat 5	👸 2 Ini	ernet 🔹	🖉 MyEclipse Da	28.Cartel C	io 🔇 🔏 1	1:48 AM



#### Admin create a conference room

Create Room - Microsoft I	nternet Explorer			
	Tools Help			<b>N</b>
Address 🗃 http://localhost:2010/		📩 Favorites 🚱 🍰 🎍	· · _ · [] (1 / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 /	Go Links »
Address C Indechiocanoac.2010	In House control in Calory Cre	aleroum, sp		
		Welcome admin		
Home Addresse	-	Offline User Related	Options Statistics Logo	ut
	Login Room Create Room	1	ie.	
	My Rooms		1	Ξ.
		4		
	CREA	TE CONFERENCE ROO	M	
	Room Na	<u> </u>	_	
	Room Ke	Y		
<u></u>		Create	Secol intra	vet.
🛃 start 🔁 2 Window	ws 🔸 🏷 D:\Temcat S	5 🖉 2 Internet 🔞 M	1 1	🔏 11:51 AM
Client wier		1		
Chefit viev	w admin	n send mes	sages	
🗿 http://localhost:2010/in	1-HouseCommunicato		Sages hesh&tfrom=admin&ttime=Sat - N	licro 🗖 🗗 🔀
http://localhost:2010/in File Edit View Favorites	n-HouseCommunicato Tools Help	or/readoffline2.jsp?userid=ma	ıhesh&tfrom=admin&ttime=Sat - N	licro 💶 🖻 🔀
http://local.host:2010/In         File       Edit       View       Favorites         Back       Image: Comparison of the second	n-HouseCommunicato Tools Help 👔 🏠 🔎 Search	or/readoffline2.jsp?userid=ma	hesh&tfrom=admin&ttime=Sat - M	*
http://local.host:2010/In         File       Edit       View       Favorites         Back       Image: Comparison of the second	n-HouseCommunicato Tools Help 👔 🏠 🔎 Search	or/readoffline2.jsp?userid=ma	thesh&tfrom=admin&ttime=Sat - N	*
http://local.host:2010/In         File       Edit       View       Favorites         Back       Image: Comparison of the second	n-HouseCommunicato Tools Help 👔 🏠 🔎 Search	n//readoffline2.jsp?userid=me Reventes @ @ . readoffine2.sp?userid=mahest&fror Offline Reading	thesh&tfrom=admin&ttime=Sat - N	å S Go Links »
http://local.host:2010/int     File Edit View Favorites     Back • ③ • ★     Address @ http://local.ost.2010	n-HouseCommunicato Tools Help 👔 🏠 🔎 Search	or/readoffline2.jsp?userid=ma	thesh&tfrom=admin&ttime=Sat - N	<b>∦</b> 3
http://localhost:2010/int     File Edit View Favorites     Back • ③ • ★     Address 副 http://localhost:2011     Col	n HouseCommunicato Tools Help C (A) P Search QTm-HouseCommunicator/	n/readoffline2.jsp?userid=mi	heshätfrom=adminättime=5at - M 	<b>∦</b> 3
http://localhost:2010/i/m      File Edit View Pavorites     Bock • ③ • ¥      Address ● http://localhost:2011     Col	HouseCommunicato	n/readoffiline2_jsp?userid=mi ★ Ferorites @ & Perorites @ & Coffline Reading Read More dmin]	heshätfrom=adminättime=5at - M 	<b>∦</b> 3
Intp://localhost:2010/int     File Edit View Favorites     Book • ③ • ★     Address @ http://localhost:2010     Col	HouseCommunicator Tools Help Tools Help Tools Help Tools Search Posec From: [a Subject:	r/readdffiine2.jsp?userid=me Proventes Proventes Proventes Offline Reading Read More dmin] key	heshftfrom=adminfittime=5at - J	<b>∦</b> 3
Intrp://local.host:2010/i/m     File Edit Wew Pavories     Bock · ③ · •      Address · · ③ · •      Col	HouseCommunicato Tools Hep Control Pose- Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Market Mar	n/readoffiline2_jsp?userid=mi ★ Ferorites @ & Perorites @ & Coffline Reading Read More dmin]	heshftfrom=adminfittime=5at - J	å S Go Links »
Intrp://local.host:2010/i/m     File Edit Wew Pavories     Bock · ③ · •      Address · · ③ · •      Col	HouseCommunicator Tools Help Tools Help Tools Help Tools Search Posec From: [a Subject:	r/readdffiine2.jsp?userid=me Proventes Proventes Proventes Offline Reading Read More dmin] key	heshftfrom=adminfittime=5at - J	å S Go Links »
Http://local.host:2010//in     File Edit Wew Pavories     Bock · ③ · •      Address @ http://locah.ot.2011     Col	HouseCommunicato Tools Hep Tools Hep Tools Posed Prome Communicator ThrowseCommunicator ThrowseCommunicator ThrowseCommunicator Time: Sa 2011	r/readoffilm22.jsp?userid=mi Contracts Contracts Read More dmin] key t Jan 22 11:5	heshtifrom=adminititime=Sat + M	å S Go Links »
Http://local.host:2010//in     File Edit Wew Pavories     Bock · ③ · •      Address @ http://locah.ot.2011     Col	HouseCommunicato Tools Hep Tools Hep Tools Posed Prome Communicator ThrowseCommunicator ThrowseCommunicator ThrowseCommunicator Time: Sa 2011	r/readdffiine2.jsp?userid=me Proventes Proventes Proventes Offline Reading Read More dmin] key	heshtifrom=adminititime=Sat + M	å S Go Links »
Http://local.host:2010//in     File Edit Wew Pavories     Bock · ③ · •      Address @ http://locah.ot.2011     Col	HouseCommunicato Tools Hep Tools Hep Tools Posed Prome Communicator ThrowseCommunicator ThrowseCommunicator ThrowseCommunicator Time: Sa 2011	r/readoffilm22.jsp?userid=mi Contracts Contracts Read More dmin] key t Jan 22 11:5	heshtifrom=adminititime=Sat + M	å S Go Links »
Http://local.host:2010//in     File Edit Wew Pavories     Bock · ③ · •      Address @ http://locah.ot.2011     Col	HouseCommunicato	n/readoffilm22.jsp?userid=mi	heshtifrom=adminititime=Sat + k	<b>∦</b> 3

#### View conference room chatting

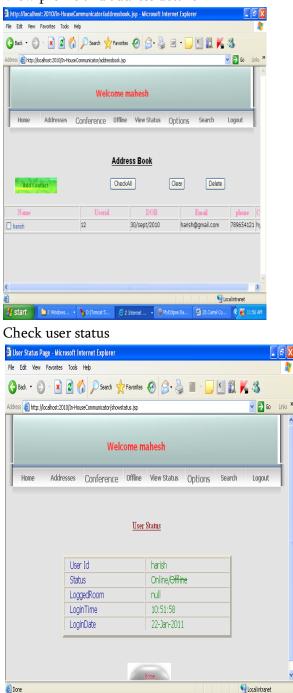
Conference Page - Microsoft Internet Explorer	- 7 🛛
File Edit Wew Favorites Tools Help	N
🕞 Badi • 🕤 · 🖹 🗟 🏠 🔎 Search 👷 Favorites 😧 🔗 🍃 🗹 • 🛄 🖺	
ddress 🗿 http://localhost:2010/In-HouseCommunicator/conference.jsp?mame=corejav&Arh=java	V 🔁 Go Links »
Welcome mahesh	<u></u>
Home Addresses Conference Offline View Status Options Search	Logout
ound and Options	
Conference Room	
admin : hi	
mahesh : hello sir	=
	Ĩ.
	3
mahesh : send	<b>v</b>
Done	Local intranet
🖌 Start 🔰 🖹 2 Windows 🔹 🍗 Dil Tomcak S 🧭 2 Internet 🔹 🎯 MyEclipse Da 🔮 28. Cartel 0	Io 🤇 🔏 11:55 AM
dd contact details	
http://localhost:2010/In-HouseCommunicator/addcontact.jsp?userid=mahesh&uname=mahesh - Mic	crosoft Inter 🔳 🖻
ile Edit View Favorites Tools Help	
🌀 Back 🔻 🐑 - 💌 📓 🏠 🔎 Search 👷 Favorites 🔣 🔗 چ 👿 🔹 🛄 🛍 🐒	, 📕 🚳
ddress 🗿 http://locahost:2010/In-HouseCommunicator/addcontact.jsp?userid=mahesh&uname=mahesh	🔽 🄁 Go Links
Welcome mahesh	
Home Addresses Conference Offline View Status Options Search	n Logout
ADD CONTACT	
Name harish	
User Id 12	
Date of Birth 30/sept/2010	
E-Mail Id harish@gmail.com	
Phone 789654121	
City hyd	
ADD CLEAR	
Done	🍕 Local intranet
🖌 start 🔰 🖹 2 Windows 🔹 🍗 D:\Tomcat 5 🧭 2 Internet 🔹 👰 MyEclipse Da 📱 28. Ca	tel Co ( 🔏 11:56 A



🛃 start

📄 2 Windows... 🔹 🍾 D:\Tomcat 5...

#### View profile and address details



Ban tl	he user						
Search Con	tact - Microsoft Int	ernet Explorer					P
File Edit Vie	w Favorites Tools	Help					
🚱 Back 🔹	🕘 · 🖹 🛃 (	🏠 🔎 Search 👷	Favorites 🙆 🔗	• 🎍 🖩 • 📘	🔟 🛍 K	8	
kddress 🙆 http	://localhost:2010/In-Ho	useCommunicator/banuser	jsp		1	🖌 🔁 Go	Links
		W	/elcome admi	n			
Home	Addresses	Conference (	)ffline User Rela	ted Options	Statistics	Logout	_
			4	4			
			<u>Ban User</u>				
		Enter U	serid mahesh				
			Ban				
)					🗐 Lo	cal intranet	
🛃 start	2 Windows	<ul> <li>D:\Tomcat 5</li> </ul>	Search Cont	🚯 MyEclipse Da	28.Cartel Co	R 🖌 1	2:00 Pf

#### III. CONCLUSION

Effective Communication is significant for managers in the organizations so as to perform the basic functions of management, i.e., Planning, Organizing, Leading and Controlling. Effective communication in an organization helpful in the success of an organization also. So by using this application we can make the effective communication between the employees of an organization and the effective communication will also helpful in motivating the employees, changing the individual's attitude and behavior. So this application is very useful in any organization and industries.

#### IV. BIBLIOGRAPHY

[1] References for the Project Development Were Taken From the following Books and Web Sites.

<₿

👏 2 Internet ... 🔹 🛞 MyEclipse Da..



[2] JAVA Technologies: JAVA Complete

Reference

- [3] Java Script Programming by Yehuda Shiran
- [4] Mastering JAVA Security: JAVA2 Networking
- by Pistoria
- [5] JAVA Security by Scotl oaks
- [6] Head First EJB Sierra Bates
- [7] J2EE Professional by Shadab siddiqui
- [8] JAVA server pages by Larne Pekowsley
- [9] JAVA Server pages by Nick Todd
- [10] HTML: HTML Black Book by Holzner
- [11] JDBC:Java Database Programming with JDBC

by Patel moss.

[12] Software Engineering by Roger Pressman