Xgenplus Chat Feature Document



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Vision statement

The chat application provides a mechanism for multiple users to post messages, associate user names with these messages and display and update the last several messages so that chat visitors can follow the ongoing discussion. Such chat sessions need to be organized by topics so that users can find sessions relevant to their interests. The application should allow for multiple user as well as one-on-one sessions.

Chatting Overview

The chat application will consist of a user, group administrator and site-wide administrator interface. Chat sessions will be separated into rooms. Chat rooms will be able to be created and dropped in conjunction with the creation or dropping of user groups or other database structures. The application is reliable and scalable.

What is Xgen Chat?

Xgen chat will enable the real time conversation with Instant Messaging / File Transfer for Organization. XgenPlus has been upgraded with an Instant chat messenger in webmail that allows user to chat and transfer your text, audio, video files within an organization. Xgenchat allows all the employees to connect without sharing mobile numbers and ensure privacy and security of data with Xgen Chat. XgenPlus user can communicate & do instant message/chat with their colleagues on the move with the Xgen chat app available on playstore and appstore.

Steps to follow

Login/Logout

The user must have Xgen account in order to login, the user must login in order to send messages to those who are online, and must be able to logout if the user wants to logout.

Online menu

After the client is logged in, the client can choose to send a message, only if another client is online, check who is online, and be able to logout when the client wants to, which will be by logging out by hitting the logout button or by hitting the exit button.

Users Online

When the client wants to see who is online, the client clicks the "who is online" button in the online menu, and the client can choose who to message, by double clicking the name.

Message

When the client wants to message the user, the client clicks on the name, the user can send a message to another online user. Some character limitations for typing might be put into place, only if it is necessary.



XgenPlus Chat Webmail

User can Login to webmail account.

For chatting option user needs to enable with chat option by the admin then can see chat option on the timeline itself. In order to see the chat window user needs to enable the "show chat window" option from setting \rightarrow default setting. Once user enables the "chat window" option then there will be chat window where user can easily see all the messages and can chat with the users or even can create the group.

Quick Search All • Q 3 Convert your text here	e Last Login IP : 202.157.78.140 Date - Time: 06-Mar-2019 14:33 GMT + 6.30 Folders Filters Settings
Main Inbox Search Compose 🖕 Contacts Task (Calendar Chat
SETTINGS Configure IMAP / POP Preview VCard	Click here to login to Antisoam Dashboard Update All Reset Expand All
Personal Details	
Change Password	
Default Settings	
Save to Folder Sent Enable Undo Send	Auto search 🔍 Anywhere 🔹 as I type in To, Cc, Bcc.
Delivery Report Reply Await Read Receipt	Also search in :
Add signature to all messages as default	Global Address Book
Message List View 100 V Mails Per Page	Admin Address Book
Outgoing Mail Display Name priyanka	Send SMS As : XGENPL
Allow Multiple Login	On delete Move to trash Mark as delete
Show Mail List while viewing email (Concealed box)	Show Mail Confirmation after sending email
Choose color scheme O Aqua 💿 Plum O	Gray Show right click menu 🔍 Yes 🖲 No
Default Email Font Arial Size 4 (14pt)	Show Chat Window
Notification Tone Default Play Remove Upload	Email Alias : Add Alias Email Tag : Add Tag
	Update
Security	
Addresses	
▶ Antispam	
Encryption	
Enable POP/IMAP	
Signature	
• Out of Office	· · · · · · · · · · · · · · · · · · ·

As there will be tab on the top of the screen, there is a last tab as "Chat" when user click on the tab then user will redirect to the screen where user will see the chatting screen.



On this screen user will be able to see the menu option on the left of the screen. The option will be as

- Edit Status
- Contacts
- Group chat
- Grouping and un grouping

Set Personalized Status

User can personalize the status by edit icon to change chat status from the default status "I am Online" to the pre-defined status as online, busy, away or offline.

User can also set customized the status in the provided edit text field. There will be "save" button pop up window to save the updated status.



Group Chat

There will be option as "group chat" with burger and plus icon. On click of plus icon user can create the group chat which will open up in the pop up window.

ſ	Enter a new Groupchat	×	
+- 9+	Groupchat address: testgroup@conference.dil.in Optional nickname: test		tforn
	Join		

When user redirect to the chatting screen there user will have add participants, send message along with side navigation menu.

FOLDERS CATEGORY	Main Inbox Search C	oose 🛖 Contacts Task Calendar	Chat	
🕅 Inbox (2507)	DK Pandey	testgroup@conference.d	il.in	0 ⊁ ■ ↔
Draft	I am online	A new groupchat has been created		×
🖶 Trash[Empty]	Groupchats	test has entered the groupchat		Participants
🗁 Template	Open Groupchidis			Invite
Snoozed	testgroup			
🔒 Secure	Contacts 📿	•		test Owner Moderator
🔁 Storage	✓ Ungrouped			
Spam-Promo	Ravi			
🕰 Archive				
B Hh1				
Infected				
Junk E-Mail(4)				
Sent Items				
🔁 Sool				
🔁 Spam				
🔁 Test				
Rester				
Contracting				
Total New Mails (2511)				
				Features
				No password
		C 🖉	»	Open Temporary
		Message		▲ Semi-anonymous ≯ Moderated

Group creation

- 1. User will be able to address the group chat and also can add the nickname of the group chat. After creating group chat user needs to click "join" button.
- 2. Can add the participants by searching the ID from the search bar provided on the right of the screen.
- 3. When user start typing the Id on the search bar, user will be able to see the auto suggestion for the ID below to the bar.
- 4. When user selects the ID in the search bar then there will be a pop up asking user to add additional message with invitation message. Additional message is not mandatory to send the invitation, system will send the default template of

Most Advanced Enterprise E-moil FOLDERS CATEGORY (Most Advanced Enterprise E-moil Inbox (2507) Sent	Quick Search All Main Inbox Search Co DK Pandey	mail.dil.in says You are about to invite ravi.yadav@dil.in to the groupchat "". You may optionally include a message, explaining the reason for the invitation.	Home Logout Login IP: 202.157.76.122 Date - Time: 25-Max-2019 11:24 GMT + 5:30 Assignments Folders Filters Settings
Draft	I am online	OK Cancel	
Trash[Empty]	Groupchats 📃		Participanto
🗁 Template	 Open Groupchats 		Participants
3 Snoozed	testgroup		ra
🔒 Secure	Contacts @	<u>2</u> .	evi.yadav@dil.in
🔁 Storage	- Ungrouped		
Spam-Promo	8 Ravi		
~	· · · · · · · · · · · · · · · · · · ·		

invitation to the invitees.

Server details

- 1. User will be able to see the available server address for the group chat to view the Group chat.
- 2. One can view the all the group char available on the same server address by click on "show group chat"

DK Pandey	testaroun@conference dil in	-
	Query for Groupchats	×
Groupchats		_
✓ Open Groupchats	Server address:	
testgroup	conference.dil.in	ר ו
Contacts		
✓ Ungrouped	Show groupchats	
8 Ravi		

3. The list of group chat will be there on the same pop up window in list view. User can add himself/herself in the group chat by clicking on the option from the list the group chat.

testaroun@conterence dil in	
Query for Groupchats	×
Server address:	
conference.dil.in	
Show groupchats	
Groupchats found:	
bhakar (1)	
bhakar11 (0)	
dk (0)	
hk (0)	
new (0)	
officechat (0)	
Data QA Team (1)	
rajeev (0)	
ram (1)	
shailesh (2)	

4. Once user select any group chat for chatting purpose, user will be able to send the message in the same group. User can send text message, attachments and emoji's in the group chat.

DK Pandey		Data QA Team- 🙂 🖡 🕩	•
 I am online Groupchats Open Groupchats 	// ≡ +	Monday Mar 25th 2019 dkp has entered the groupchat Participants	
Data QA Team		Invite	
bhakar11 testgroup		● DK Pandey ● dkp	
Contacts • Ungrouped © Ravi	(1 2) 2) 2) 2) 2) 2) 2) 2) 2) 2) 2) 2) 2)		

Note: The server should be the same as conference.dil.in.

5. All the added group chat will be visible in the list view on the left of screen. There will be option for all the group chat as-

FOLDERS CATEGORY	Main Inbox	Search Compose	Contacts Task Calendar Chat	
😡 Inbox (2507)	DK Pandey		Data QA Team	❸ 📕 ↔
🖹 Draft	I am online	di seconda de la constancia de la consta	Monday Mar 25th 2019	
📅 Trash[Empty] 📂 Template	Groupchats • Open Groupchats	≡ +	dkp has entered the groupchat	Participants
Snoozed	Data QA Team	■ 🛛 🗭		Invite
🔒 Secure	bhakar11			DK Pandey
🔁 Storage	testgroup			• dkp
Archive	Contacts - Ungrouped	₿ ₽		
Infected Junk E-Mail(4)	🔇 Ravi			

- a. Bookmark User can bookmarked any group chat with the "bookmarked" icon
- b. Information user will be able to see the group information by the information icon. User will be able to see the information as
 - i. Name
 - ii. Group chat address
 - iii. Description
 - iv. Online users
 - v. Feature
 - vi. Leave group

Data OA Team	
Groupchat info for Data QA Team	×
Name: Data QA Team Groupchat address: qa@conference.dil.in Description: Online users: 2 Features: No password required - This groupchat does not require a password upon entry Open - Anyone can join this groupchat does not require a password upon entry Open - Anyone can join this groupchat does not require a password upon entry Persistent - This groupchat persists even if it's unoccupied Semi-anonymous - Only moderators can see your XMPP username Moderated - Participants entering this groupchat need to request permission to write	
Close	

c. Leave group – user will have "leave group" icon to felicitate the user with leave feature group. System will ask the user confirmation before leaving the group.

	mail.dil.in says		
	Are you sure you want to leave the groupchat [Data QA Tear	m?
C		ОК	Cancel
L			

Customize chatroom

User can customize the chatroom according to the requirements from the setting icon present on the top of screen

DK Pandey	testgroup@conference.dil.in	•
● I am online Groupchats ► Open Groupchats Data QA Team	Configuration of room testgroup@conference.dil.in	Î
bhakar11		
testgroup Contacts 🖉 🚔 • Ungrouped	Room description	I
🔇 Ravi	Natural Language for Room Discussions	

On this screen user will have the following option -

- Room title This will be an edit text field.
- Room description This will be an edit text field.
- Natural Language for Room Discussions This will be an edit text field.
- Make room persistent This will be check box field.
- Make room public searchable This will be check box field.
- Make participants list public This will be check box field.
- Make room password protected This will be check box field.
- Password This will be an edit text field.
- Maximum Number of Occupants
- Present real XgenPlus IDs to
- Roles for which Presence is Broadcasted
 - Moderator
 - Participant
 - \circ Visitor
- Make room members-only This will be check box field.
- Make room moderated This will be check box field.
- Default users as participants
- Allow users to change the subject
- Allow users to send private messages This will be check box field. If this is uncheck then user cannot send their private message to other members of the group.
- Allow visitors to send private messages to There will be list nobody, anybody and moderate only.
- Allow users to query other users This will be check box field.
- Allow users to send invites This will be check box field.
- Allow visitors to send status text in presence updates This will be check box field.
- Allow visitors to change nickname This will be check box field.
- Allow visitors to send voice requests This will be check box field.
- Allow subscription This will be check box field.
- Minimum interval between voice requests (in seconds)
- XMPP URI of Associated Publish-Subscribe Node
- Exclude XgenPlus IDs from CAPTCHA challenge
- Save button
- Cancel button

Contacts

User will have the following features for the contacts modules as per follow-

- 1. Syncing icon This will facilitate user with the real time chat status of a user.
- 2. Add contacts User can add email address and give nickname as per their choice with whom they want to chat.

Main Inbox Search	Compose	Contacts Task Calendar Chat		
Too Busy Groupchats • Open Groupchats	+ ≡ +	Add a Contact	×	O ≁ R ↔ × Participants
Data GA Team new officechat Contacts • Ungrouped	2 *	himanshujoshi@dikh O Optionat nickname: himanshu Add,	5	• priyanka Owner (Moderator)
DK Pandey		S Contraction of the second se	*	Features No pession Open Pensitent Semi-anonymous Moderated

Note: The contact you add must be within your organization.

Ungrouped chats

User will be able to see ungrouped chat done with single user. There will be user list on which user can tap any of the user name to start the conversation with. User can send a text message, video, audio file, and image file.



When user click on "information card" icon which will show the information in pop up window.

ravi.yadav@dil.in	×
Email Address:ravi.yadav@dil.in	
Nickname: Ravi	
Email:ravi.yadav@dil.in	
Close Refresh 🗇 Remove as contact	

User can remove the contact from the contact list with the action present on the pop up window.

Xgen Chat Mobile Application

User will be bale to download the application present on the app store or play store. Once the application is downloaded this will be launch by tap the icon of the application in the phone.

Login screen

User will be babel to logging with the xgenplus webmail ID into the chatting application.

Message Dashboard

After successful login, user will be able to see message dashboard screen. User will have two action icon on the top of the screen as-

- 1. Add contact
- 2. Status

On the bottom of the screen, user will have the following options-

ে ⊿ের্টের Chats ∽ No contacts fou	d & ontact Add contact Add conference	عندي معادلة ع معادلة معادلة ع معادلة معادلة مع معادلة معادلة معادلة معادلة معادلة معادلة معادلة معادلة معاد معادلة معادلة معادلة معادلة معادلة معادلة معادلة معادلة معادلة معادلة معادلة معادلة معادلة معادلة معادلة معادلة معادلة معادلة معادلة م	(0) 8645 109 227 ADD CONTACT	 Message icon Account name – This will show the account with which us is logged in. Search bar – User sear for eth user to chat with. Burger icon – this will opens up in the menu list 	will ser ch
■ A Search			1 =		

Add Contacts

On click of add contact icon user will be able to see two options as-

1. Add contact – User can add the contacts by adding username, alias and select group or can also add new group.

2. Add conference – User can type/search conference name from the group chat list present in the system.

Set Status

User will be able to set the customized status of the profile from this option. Users will have list of default status and felicitate with edit text field to the customized status.



Burger icon/setting

On click of burger icon user will redirect to account screen which will show the following –

- 1. Synced account in the application This will show the list of the account logged in the application. User can use multiple account in the application. User can enable or sync icon account at a time.
- 2. Link to add account user can add Xgen account from this option.
- 3. Setting This will redirect the user to setting screen
- 4. About This will redirect the user to informative about screen
- 5. logout

areat Jo 40 📷 - All Kall	l []t \$ \$ 64% 1# € 2:27
← Choose conference	e
A ankit.patidar@dil.in	*
Conference	
Type conference name	
bhakar (1)	
bhakar@conterence.uit.in	
bhakar11 (0) bhakar11@conference.dil.in	
-IL (D)	
dk (U) dk@conference.dil.in	
hk (0)	
hk@conference.dil.in	
new (0)	
new@conference.dil.in	
officechat (0) officechat@conference.dil.in	
onicenargeonicience.di.in	
Data QA Team (2) qa@conference.dil.in	
	NEXT
	HEAT
\sim 0 \triangleleft	ll >

Setting screen

On this screen user will have two type of setting as

- 1. Interface
 - a. Emoticons
- 2. Setting
 - a. Privacy setting on click of this user will redirect to the privacy setting screen.
 - b. Debug settings
- 3. About

← Settings

Interface

Emoticons Android emoticons

Settings

Privacy Privacy settings

Debug settings

Settings to help developers

About

About XgenChat 1.0



Privacy setting

On this screen user will be able to allow the permission for Load image and typing notifications.



Search bar

User can search for the user by start typing their ID in the search bar. User will also be able to see the auto suggestion while entering the ID's.

. 503 at		32 /2 •9			101	₲67%		2:12	
Chat	s ~					+•		-	
No contacts found									
Q	Q Search contacts X								
+	aare		n			1			
1 :	2 3	4	5	6	7	8	9	0	
% q \	, v e	r	ť	1 V	< u	ì	{ 0) p	
@	#	å *		+ h	T	(k	T	2	
	-	£	9			7	1		
T	Z	x	v	b	ľ	m	1		
123 (9		3 Swi	ftKey		.17		Q	
~		0	~			_			