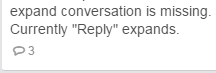
## Messages Mechanism: Please elaborate the way message thread would expand and detail workflow of the messages.

The message screen should show the starting message for each conversation. In the left corner of the message card add a speech bubble with the number of messages next to it – See picture. 

When the user clicks on the speech bubble the conversation expands to show the messages. The top is still the starting messages, the following messages are shown sorted by post date ascending (The API calls might not return the data in that format and you might require to resort the messages in the array)

As the last item of the message list add the “Reply to Message” control that you currently have. Change the button from “Submit Reply” to “Send”

Relevant API methods:

getInbox - Gets all available conversations.

{ "apiKey" : "a5y93qluz9ogqpxg7n3q4x04gomd", "userId" : 3121, "pageSize" : null, "pageIndex" : null }

sendMessage - ProjectId and isReminder are null. This creates a new message and will therefore create a new entry when you call GetInbox again.

{ "apiKey" : "a5y93qluz9ogqpxg7n3q4x04gomd", "userId" : 3121, "subject" : "Subject", "body" : "The message", "usernames" : ["admin"], "projectId" : null, "isReminder" : null }

getInboxMessages - Gets all messages for the specified conversationId. Make this call when you click on a conversation returned in getInbox.

{ "apiKey" : "a5y93qluz9ogqpxg7n3q4x04gomd", "userId" : 3121, "conversationId" : "171f88d0-24fc-42ea-8820-8e17885a9c0b", "pageSize" : null, "pageIndex" : null }

sendMessageReply - ProjectId and isReminder are null. This creates a new reply and will therefore create a new entry when you call GetInboxMessages for the specified conversationId again.

{ "apiKey" : "a5y93qluz9ogqpxg7n3q4x04gomd", "userId" : 3121, "conversationId" : "171f88d0-24fc-42ea-8820-8e17885a9c0b ", "body" : "A reply " }

## Messages APIs: “sendMessageReply” seems to be not providing us the desire result. Currently it is updating the main message body wherein it should show the reply corresponding to the main message. Please refer attached screenshots.

GetInbox provides the conversations in the inbox – but its shows the last message sent in the conversation (LastMessage) instead of the starting message. So to get the behavior you want you need to call GetInbox to get the Conversation Ids and then use the id to retrieve the entire conversation.

## Poll votes: we will calculate at our end and will display the vote percentage. Would implement the same and would be able to suggest further once I check the output.

**“Daily Polls”:**

getDashboard (sectionId 5)

{"apiKey":"835mzggn289l9wxnjxjr323kny6q","userId":4401,"sectionId":5,"pageSize":null,"pageIndex":null}

savePollResponse:

{"apiKey":"yhjcv0l5vya9i1jq1wws","userId":2100,"panelistId":131038,"response":{"projectId":10,"moduleId":10,"taskId":"poll1","itemId":"poll1","isTestData":false,"notes":[],"values":["1"]}}

Please not the values should be a string array, not integer array.

getPollResponseCounts

{ "apiKey":"yhjcv0l5vya9i1jq1wws","userId":2100, "projectId" : 10, "moduleId" : 10} This is the aggregated poll votes and is shown to the user only after voting.

**Social Polls**

createPollTaskVote

{ "taskId": "1809", "panelistId": "194716", "answerIds": [ 2 ], "moduleId": "1048", "projectId": "995", "apiKey": "6gomejfeu1xgr8veoh1kts66egs3", "userId": "4406" }

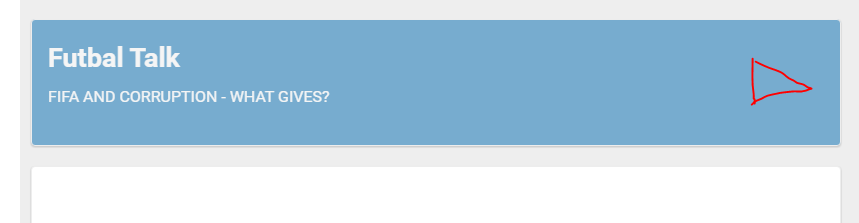
## Poll Checking: In this API “hasVoted” field seems to be unavailable in the updated API. It was available in earlier poll APIs.

**“Daily Polls”:**

getPanelistPollResponses

{ "apiKey":"yhjcv0l5vya9i1jq1wws","userId":2100, "panelistId" : 131038, "projectId" : 10, "moduleId" : 10 } This is used to remind the user what they voted for. Also shown only after voting.

## Social Assignment: We need the social assignments workflow in detail, as we are getting an error while posting the replies to the assignment. Need an updated API that will work on posting the data.

A social assignment has multiple tasks. Use GetPanelistsModuleTasks to retrieve the tasks visible within an assignment (more task(s) might become available after user completes last task – use getNextTask) . A task is either a poll or a discussion. When the assignment is clicked show the first task in the view that you currently have in showAssignments, but add a left a right caret in the header. See picture -

The left caret is only shown if it’s not the first task and conversely the right caret is only shown when it’s not the last task. Additionally the user only should be allowed to go forward (right caret) when the current task is completed. A task is completed if the response returned by the API has it marked as completed or if the user just completed a post (discussion) or vote (poll).

The “view” you use for the “Daily Poll” can be used for the social poll. The view of “Community Forum Discussion” can be used for the social discussion – with one exception: a social discussion task has a revealRule. The reveal determines when other peoples post become available if at all. The revealRule can either be “public”, “hidden” or “private”. If the reveal rule is “public” the user will be able to see the other posts before posting, for “hidden” the user needs to post before the other user’s posts become visible and for “hidden” other people’s posts will never become visible (fyi: the users own posts will be visible). The reveal logic needs to be handled by your code.

Notifications: We require the proper flow of the notification settings so that we would know exactly how to process the things**.**

{ "apiKey" : "yhjcv0l5vya9i1jq1wws", "userId" : 2100, "panelistId" : 131038, "prefs" : [string array] } Prefs string array is a collection of all values in the on state. At least one setting for Assignments should be enabled.

Assignments

Email: "3a", "3e", "3h"

SMS: "2a", "2e", "2h"

Push: "1a", "1e", "1h"

Forum

Email: "3b", "3c"

SMS: "2b", "2c"

Push: "1b", "1c"

Results

Email: "3d"

SMS: "2d"

Push: "1d"

Messages

Email: "3f"

SMS: "2f"

Push: "1f"

## Forum: Please explain the separate mechanism to expand the conversations. Also, please provide us the updated API for submitting the reply.

Please use the same mechanics as described for messages above to handle the expansion of discussions. A discussion can be three levels deep: Start-Reply-Comment. Use the same expansion mechanism for replies. On the third level (comments) there won’t be a comment/reply button on the comment card. The reply/comment entry box needs to be inserted underneath the card that reply/comment was pressed on.

getActiveThreads

{"apiKey":"835mzggn289l9wxnjxjr323kny6q","userId":4401, "forumId" : 3, "pageSize" : null, "pageIndex" : null }

createThread

{"apiKey":"835mzggn289l9wxnjxjr323kny6q","userId":4401, "forumId" : 3, "threadInfo" : [{"Name":"Subject","Value":"Test Subject for createThread"},{"Name":"Body","Value":"This is a new thread."}] }

saveReply

{"apiKey":"835mzggn289l9wxnjxjr323kny6q","userId":4401, "threadId" : 1000, "parentReplyId" : 1000, "reply" : "reply" }

Pass the media inline the “reply” attribute – for images use the <img> tag, for audio and video [view:url:0:0]

Use the mediaHandler to upload media:

convertMedia(String apiKey, String signature, String bucketName, String projectId, SourceAppType sourceAppType, MediaType mediaType, String data, int isUrl )

apiKey = SXBzdW0gdml0YWUsIGV0IG5paGlsIGZyaW5naWxsYQ==

secret = SXBzdW0gdml0YWUsIGV0IG5paGlsIGZyaW5naWxsYQ==

signature = the HMAC.SHA1 hash using the secret as hashkey of concatenated stringified version of apiKey,bucketName, projectId,sourceAppType, the first 64 characters of data, mediaType,

bucketName – cfsagency – this will change to cfsmavy after testing.

projectId - is the projectId the media was collected as part of, or communityforum if the media is part of the CommunityForum. Only alphanumeric characters are allowed.

sourceAppType - Mavy

mediaType – either Image, Video or Audio

The result will return a link to the converted media – the backend will create 4 different versions for images and video:

* url returned is sized at 1920x1080
* url\_asdl is sized as 176x144
* url\_asdh preview sized as 480x360
* url\_ahd preview sized as 1280x720

getThreadReplies

{"apiKey":"835mzggn289l9wxnjxjr323kny6q","userId":4401, "threadId" : 1000, "pageSize" : null, "pageIndex" : null }

Use the FilteredBody attribute to pull the post text and the UnfilterBodyLinks to retrieve the media attached to the post.