

This document was exported from Numbers. Each table was converted to objects on each Numbers sheet were placed on separate worksheets. Please note that calculations may differ in Excel.

Numbers Sheet Name

Numbers Table Name

Users

Users

Broadcast(B) Messages

Broadcast(B) Messages

Direct(D) Message

Table 1

Users - Users

Broadcast(B) Messages - Broadca

Direct(D) Message

an Excel worksheet. All other
use be aware that formula

Excel Worksheet Name

Users - Users	
Broadcast(B) Messages - Broadca	Excel
Direct(D) Message	
Table 1	Export
Table 1	Users -
Table 1	Broadcas
Table 1	Direct(D)



Users								
Actions	Method	Path	Is Auth Token Required	Data out	Query Key	Type	Default Value	Constraints
Create a user account	POST	/user						
Log in	POST	/login						
Log out	POST	/logout	Yes					
Update user information	PATCH	/user	Yes					
Set profile photo	PATCH	/user	Yes					
Get user info	GET	/user	Yes					
Delete user	DELETE	/user	Yes					
Find users	GET	/users	Yes		username, limit	Number	20	Positive value
Send a friend request	POST	/invites/:userId	Yes					
friend request decision	PATCH	/invites/invitationId	Yes		decision=[accept decline]			
Get friends list	GET	/friends	Yes		limit	Number	20	Positive Value
Remove friend	DELETE	/friends/:friendId	Yes					
Create a user account								
Actions	Method	Path	Is Auth Token Required					
Create a user account	POST	/user	No					
Body Property	Type	Required	default value					
username	String	Yes						
firstName	String	Yes						
lastName	String	No						
password	String	Yes						
img	Buffer	No						
email	String	Yes						
Response Code	201 - Created							
	400 - Bad Request							
	409 - Conflict							
	500- Internal Server Error							
login								
Actions	Method	Path	Is Auth Token Required					
login	POST	/login	No					
Body Property	Type	Required	default value					
password	String	Yes						
email	String	Yes						
Response Code/data	200 - OK	{ "user": User, "token": String }						
	400 - Bad Request	"incorrect information"						
	500- Internal Server Error	error message						
logout								
Actions	Method	Path	Is Auth Token Required					
logout	POST	/logout	Yes					
Response Code/data	200 - OK							
	500 Internal Server Error	Error message						
Update user information								
Actions	Method	Path	Is Auth Token Required					
Update user information	PATCH	/user	Yes					
Body Property	Type	Required	Constraints					
username	String	No	length <=5					
firstName	String	No						
lastName	String	No						
password	String	No	length <=8					
img	Buffer	No						
email	String	No	valid email					
Response Code/data	200 - OK	User						
	400 Bad Request	Error message						
	500 Internal Server Error	Error message						
Set profile photo								
Actions	Method	Path	Is Auth Token Required					
Set profile photo	PATCH	/user	Yes					
Body Property	Type	Required	default value					
img	Buffer	Yes						
Response Code/data	200 - OK	img						
	400 Bad Request	Error message						
	500 Internal Server Error	Error message						
Get User Info								
Actions	Method	Path	Is Auth Token Required					
Get user info	GET	/user	Yes					
Query Key	Type	Default Value	Constraints					
username	String		no non empty					
Response Code/data	200 - OK	User info						
	400 Bad Request	Error message						
	401 - Unauthorized	Error message						
	500 Internal Server Error	Error message						
Delete User								
Actions	Method	Path	Is Auth Token Required					
Delete user	DELETE	/user	Yes					
Body Property	Type	Required	Constraints					
email	String	Yes	Valid email					
Response Code/data	200 - OK	deleted User						
	400 Bad Request	Error message						
	401- Unauthorized	Error message						
	500 Internal Server Error	Error message						
Send friend Request								
Actions	Method	Path	Is Auth Token Required					
Send a friend request	POST	/invites/:userId	Yes					
Body Property	Type	Required	Constraints					
username	String	Yes	Valid username					
Response Code/data	200 - OK	request						
	400 Bad Request	Error message						
	401- Unauthorized	Error message						
	500 Internal Server Error	Error message						
Friend Request Decision								
Actions	Method	Path	Is Auth Token Required					
friend request decision	PATCH	/invites/invitationId	Yes					
Request query string	parameter	value	Constraints					
	action	accept decline						
Response Code/data	200 - OK	Buffer						
	400 Bad Request	Error message						
	401- Unauthorized	Error message						
	500 Internal Server Error	Error message						
Get friends list								
Actions	Method	Path	Is Auth Token Required					
Get friends list	GET	/friends	Yes					
Response Code/data	200 - OK	User friends						
Query Key	Type	Default Value	Constraints					
limit	Number		20 Positive Value					
	400 Bad Request	Error message						
	401 - Unauthorized	Error message						
	500 Internal Server Error	Error message						
Remove friend								
Actions	Method	Path	Is Auth Token Required					
Remove friend	DELETE	/friends/:friendId	Yes					
Body Property	Type	Required	Constraints					
username	String	Yes	Valid username					
Response Code/data	200 - OK	Friend Removed						
	400 Bad Request	Error message						
	401- Unauthorized	Error message						
	500 Internal Server Error	Error message						



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Broadcast(B) Messages				
Actions	Method	Path	Is Auth Token Required	Data in
Get B-Messages	GET	/messages	Yes	filters (pls specify)
Send B-message	POST	/messages	Yes	message
Comment on B-message	POST	/messages/:message_id/comments	Yes	message_id message
Repost B-message	POST	/messages/:message_id/repost	Yes	message_id
Bookmark B-message	POST	/messages/:message_id/bookmark	Yes	message_id
Get the user's B-messages	GET	/users/:user_id/messages	Yes	search query (pls specify)
Block user's B-messages	DELETE	/users/:user_id/block	Yes	user_id
Unblock user's B-messages	DELETE	/users/:user_id/block	Yes	user_id
Group (G) Chat/Conversation			Yes	
User creates group	POST	/groups	Yes	groupName accessibility (pls specify) users' ids friend isValid
Invite member to group	POST	/groups/:groups_id/invites	Yes	user_id group_id
Join a group	POST	/groups/:groups_id/members/me	Yes	group_id
Leave a group	DELETE	/groups/:groups_id/members/me	Yes	group_id user_id
Ban member from group	DELETE	/groups/:groups_id/members/:user_id	Yes	banned_user_id
Transfer ownership of group	PATCH	/groups/:groups_id	Yes	new_owner_id
Change name of group	PATCH	/groups/:groups_id	Yes	group_id new name
Change group logo	PATCH	/groups/:groups_id	Yes	logo file group_id
Change background of group	PATCH	/groups/:groups_id	Yes	color group_id
Change group visibility	PATCH	/groups/:groups_id	Yes	visibility group_id
Delete group	DELETE	/groups/:groups_id	Yes	group_id

Get B-Messages			
Actions	Method	Path	Is Auth Token Required
Get B-Messages	GET	/messages	Yes
Body Property	Type	Required	default value
Filters	String	Yes	
Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

Send B-message			
Actions	Method	Path	Is Auth Token Required
Send B-message	POST	/messages	Yes
Body Property	Type	Required	default value

message	String	Yes	
Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

Comment on B-message			
Actions	Method	Path	Is Auth Token Required
Comment on B-message	POST	/messages/:message_id/comments	Yes
Body Property	Type	Required	default value
message_id	String	Yes	
message	String	Yes	
Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

Repost B-message			
Actions	Method	Path	Is Auth Token Required
Repost B-message	POST	/messages/:message_id/repost	Yes
Body Property	Type	Required	default value
message_id	String	Yes	
Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

Bookmark B-message			
Actions	Method	Path	Is Auth Token Required
Bookmark B-message	POST	/messages/:message_id/bookmark	Yes
Body Property	Type	Required	default value
message_id	String	Yes	
Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

Get the user's B-messages			
Actions	Method	Path	Is Auth Token Required
Get the user's B-messages	GET	/users/:user_id/messages	Yes
Body Property	Type	Required	default value
Search query	Number	Yes	
Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

Block user's B-messages			
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Actions	Method	Path	Is Auth Token Required
Block user's B-messages	DELETE	/users/:user_id/block	Yes
Body Property	Type	Required	default value
user_id	Number	Yes	
Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

Unblock user's B-messages			
Actions	Method	Path	Is Auth Token Required
Unblock user's B-messages	DELETE	/users/:user_id/block	Yes
Body Property	Type	Required	default value
user_id	Number	Yes	
Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

Group (G) Chat/Conversation			
Actions	Method	Path	Is Auth Token Required
Group (G) Chat/Conversation			
Body Property	Type	Required	default value
Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

User creates group			
Actions	Method	Path	Is Auth Token Required
User creates group	POST	/groups	Yes
Body Property	Type	Required	default value
groupName	String	Yes	
accessibility			
user_id	Number	Yes	
friend_isValid			
Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

Invite member to group			
Actions	Method	Path	Is Auth Token Required
Invite member to group	POST	/groups/:groups_id/invites	Yes
Body Property	Type	Required	default value
user_id	Number	Yes	
group_id	Number	Yes	

Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

Join a group			
Actions	Method	Path	Is Auth Token Required
Join a group	POST	/groups/:groups_id/members/me	Yes
Body Property	Type	Required	default value
group_id	Number	Yes	
Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

Leave a group			
Actions	Method	Path	Is Auth Token Required
Leave a group	DELETE	/groups/:groups_id/members/me	Yes
Body Property	Type	Required	default value
group_id	Number	Yes	
user_id	Number		
Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

Ban member from group			
Actions	Method	Path	Is Auth Token Required
Ban member from group	DELETE	/groups/:groups_id/members/:user_id	Yes
Body Property	Type	Required	default value
banner_user_id	Number	Yes	
Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

Transfer ownership of group			
Actions	Method	Path	Is Auth Token Required
Transfer ownership of group	PATCH	/groups/:groups_id	Yes
Body Property	Type	Required	default value
new_owner_id	Number	Yes	
Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

Change name of group			
Actions	Method	Path	Is Auth Token Required

Change name of group	PATCH	/groups/:groups_id	Yes
Body Property	Type	Required	default value
group_id	Number	Yes	
new_name	String	Yes	
Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

Change group logo			
Actions	Method	Path	Is Auth Token Required
Change group logo	PATCH	/groups/:groups_id	Yes
Body Property	Type	Required	default value
Logo File	String	Yes	
group_id	Number	Yes	
Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

Change background of group			
Actions	Method	Path	Is Auth Token Required
Change background of group	PATCH	/groups/:groups_id	Yes
Body Property	Type	Required	default value
Color	String	Yes	
group_id	Number	Yes	
Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

Change group visibility			
Actions	Method	Path	Is Auth Token Required
Change group visibility	PATCH	/groups/:groups_id	Yes
Body Property	Type	Required	default value
Visibility	Boolean	Yes	
group_id	Number	Yes	
Response Code	201 - Created		
	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		

Delete group			
Actions	Method	Path	Is Auth Token Required
Delete group	DELETE	/groups/:groups_id	Yes
Body Property	Type	Required	default value
group_id	Number	Yes	
Response Code	201 - Created		

	400 - Bad Request		
	409 - Conflict		
	500- Internal Server Error		





Table 1									
Actions	Method	Path	Is Auth Token Required	Data in	Data out	Query key	Type	Default value	Constraint
Get chat ID	GET	/direct-message/chat	Yes	friend_id		no limit	String		
Load messages	GET	/direct-message/chatId/messages	Yes		limit(quantity)	limit		50	no of messages<=50
Send a D-message	POST	/direct-message/chatId	Yes	message		no limit	String, blob, number		Not more than 10 chat_ids
Edit messages	PATCH	/direct-message/chatId/messageId	Yes	message		limit	String, number		
Delete message	DELETE	/direct-message/chatId/messageId	Yes			no limit	String, blob, number		
Pin message	PATCH	/direct-message/chat/message	Yes	chat_id, message_id		limit	String, blob, number	FALSE	chat_id <= 3
Content sharing	PATCH	/direct-message/content-message/message	Yes	chat_id, message_id	content	limit	String, blob, number		chat_id <= 8
Forwarding	PATCH	/direct-message/content-message	Yes	chat_id, message_id	content, message_id, message	limit	String, blob, number		chat_id <= 8



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