

Endpoint	Method	Path	Auth Required?	Data in	Data Out	Response Codes	Query String
Log In	POST	/user/logout	yes	username password	username first_name last_name email profile_image password auth token chat_sessions requests (friend/chat)	200 OK 400 Bad Request 401 Unauthenticated 404 Not Found 500 Server Error	
Log Out	DELETE	/user/logout/:user_id	yes			200 OK 400 Bad Request 401 Unauthenticated 404 Not Found 500 Server Error	
Create Account	POST	/user	no	username first_name last_name email profile_image (optional) password	auth token	201 Created 400 Bad Request 404 Not Found 409 Conflict 500 Server Error	
Edit Profile	PATCH	/user/user_id	yes	username (optional) first_name (optional) last_name (optional) email (optional) profile_image (optional) password (optional) chat_sessions (optional)		200 OK 400 Bad Request 401 Unauthenticated 404 Not Found 409 Conflict 500 Server Error	
Get User	GET	/user/user_id	yes		username first_name last_name email profile_image	200 OK 401 Unauthenticated 404 Not Found 500 Server Error	
Delete User	DELETE	/user/user_id	yes			200 OK 400 Bad Request 401 Unauthenticated 404 Not Found 500 Server Error	
Search Users	GET	/user/find	no	username (optional) first_name (optional) last_name (optional)	[user_id]	200 OK 204 No Content 404 Not Found 500 Server Error	
Send request	POST	/request	yes	user_id chat_id (optional)		201 Created 400 Bad Request 401 Unauthenticated 404 Not Found 500 Server Error	
Accept friend request	POST	/request/accept/user_id	yes			201 Created 401 Unauthenticated 404 Not Found 500 Server Error	
Remove friend	DELETE	/user/remove-friend/user_id	yes			200 OK 400 Bad Request 401 Unauthenticated 404 Not Found 500 Server Error	

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Block user	POST	/user/block/user_id	yes			201 Created 401 Unauthenticated 404 Not Found 500 Server Error	
Unblock user	POST	/user/unblock/user_id	yes			201 Created 401 Unauthenticated 404 Not Found 500 Server Error	
Get posts	GET	/post/get-post	no		[Post]	200 OK 404 Not Found 500 Server Error	limit alphabetical reverse-alphabetical latest-first oldest-first user
Create post	POST	/post	yes	message_contents post_id		201 Created 400 Bad Request 401 Unauthenticated 404 Not Found 500 Server Error	
Comment on post	POST	/post/comment	yes	post_id comment_contents		201 Created 400 Bad Request 401 Unauthenticated 404 Not Found 500 Server Error	
Create group	POST	/group	yes	user_id[]		201 Created 400 Bad Request 401 Unauthenticated 404 Not Found 500 Server Error	
Join group	POST	/group/:chat_id/membership	yes			201 Created 401 Unauthenticated 404 Not Found 500 Server Error	
Leave group	DELETE	/group/:chat_id/membership	yes			200 OK 400 Bad Request 401 Unauthenticated 404 Not Found 500 Server Error	
Ban member from group	POST	/group/:chat_id/banlist/user_id	yes			201 Created 401 Unauthenticated 404 Not Found 500 Server Error	
Edit group	PATCH	/group/edit	yes	group_name (optional) default: concatenation of member names logo background		200 OK 400 Bad Request 401 Unauthenticated 404 Not Found 500 Server Error	
Delete chat	DELETE	/chat/:chat_id	yes			200 OK 400 Bad Request 401 Unauthenticated 404 Not Found 500 Server Error	

Endpoint	Method	Path	Auth Required?	Data in	Data Out	Response Codes	Query String
Get all messages	GET	/chat/messages	yes		[Message]	200 OK 401 Unauthenticated 404 Not Found 500 Server Error	limit alphabetical reverse-alphabetical latest-first oldest-first user
Search in groupchat	GET	/chat/search	yes	search_query_id	message_contents	200 OK 204 No Content 400 Bad Request 401 Unauthenticated 404 Not Found 500 Server Error	limit alphabetical reverse-alphabetical latest-first oldest-first user
Send group message	POST	/chat/:chat_id/message	yes	message_contents		201 Created 400 Bad Request 401 Unauthenticated 404 Not Found 500 Server Error	
Search for chat	GET	/chat	yes		chat_id	200 OK 204 No Content 401 Unauthenticated 404 Not Found 500 Server Error	limit alphabetical reverse-alphabetical latest-first oldest-first user
Delete message	DELETE	/chat/:message	yes			200 OK 400 Bad Request 401 Unauthenticated 404 Not Found 500 Server Error	
Pin message	POST	/chat/:chat_id/pin/:message	yes			201 Created 200 OK 401 Unauthenticated 404 Not Found 500 Server Error	