User Resource

HTTP Method	Endpoint Path	Path Params	Query Params
POST	/users/register	✗	✗
PUT	/users/manageprofile	✗	✗
POST	/users/login	✗	✗
GET	/users/allUsers	✗	✗
GET	/users/allUsers/{userId}	userId	✗
GET	/users/search/username	✗	q
GET	/users/search/email	✗	q

Post Resource (User Post)

HTTP Method	Endpoint Path	Path Params	Query Params
GET	/posts/timeline/{userId}	userId	✗
GET	/posts/{userId}	userId	✗
POST	/posts/createPost/{userId}	userId	✗
PUT	/posts/edit/{userId}/{postId}	userId , postId	✗
DELETE	/posts/delete/{userId}/{postId}	userId , postId	✗

📊 GroupPostResource Endpoints Summary Table

HTTP Method	Path Endpoint	Path Parameters	Query Parameters
POST	/groupPosts/createGroupPost/{userId}/{groupId}	userId , groupId	✗ None
PUT	/groupPosts/edit/{userId}/{postId}	userId , postId	✗ None
GET	/groupPosts/grouptimeline/{userId}/{groupId}	userId , groupId	✗ None
DELETE	/groupPosts/delete/{userId}/{postId}	userId , postId	✗ None

📊 ActivityLogResource Endpoints Summary Table

HTTP Method	Path Endpoint	Path Parameters	Query Parameters
GET	`/activity-log/user/{userId}`	`userId`	❌ None
GET	`/activity-log`	❌ None	❌ None

📘 CommentResource – REST Endpoint Table

⏱️ HTTP Method	📍 Endpoint Path	🧩 Path Parameters	🔍 Query Parameters
POST	`/comments/userpost/{postId}/{userId}`	`postId`, `userId`	❌ None
POST	`/comments/grouppost/{postId}/{userId}/{groupId}`	`postId`, `userId`, `groupId`	❌ None
GET	`/comments/userpost/{postId}`	`postId`	❌ None
GET	`/comments/grouppost/{postId}/{groupId}`	`postId`, `groupId`	❌ None

FriendshipResource Endpoints Table

HTTP Method	Endpoint Path	Path Parameters	Query Parameters	Description
GET	`/friendships/{userId}/suggestions`	`userId` (Long)	None	Get suggested friends for a user
POST	`/friendships/{requesterId}/request/{receiverId}`	`requesterId` (Long), `receiverId` (Long)	None	Send a friend request
POST	`/friendships/accept/{requestId}`	`requestId` (int)	None	Accept a pending friend request
POST	`/friendships/reject/{requestId}`	`requestId` (int)	None	Reject a pending friend request
GET	`/friendships/{userId}/pending`	`userId` (Long)	None	Get all pending friendship requests
GET	`/friendships/request/{requestId}`	`requestId` (int)	None	Get a specific friendship request by ID
GET	`/friendships/{userId}/friends`	`userId` (Long)	None	Get all friends of a user
GET	`/friendships/friendProfile/{userId}/{friendId}`	`userId` (Long), `friendId` (Long)	None	Get the profile of a friend

📋 GroupMembershipResource Endpoint Summary Table

Method	Path	Parameters	Functionality	Response
POST	`/join/{userId}/{groupId}`	`userId` (Long), `groupId` (Long)	User requests to join a group. Sends notifications to group admins about request.	200 OK with result or 400 Bad Request (errors)
GET	`/pending/{groupId}`	`groupId` (Long)	Get all pending join requests for the specified group.	200 OK with list or 404 Not Found (no requests)
POST	`/respond/{groupId}/{userId}/{approve}`	`groupId` (Long), `userId` (Long), `approve` (boolean)	Approve or reject a user's join request. Sends notification about the decision.	200 OK with result or 400 Bad Request (errors)
DELETE	`/leave/{userId}/{groupId}`	`userId` (Long), `groupId` (Long)	User leaves a group. Sends notifications to admins about the user leaving.	200 OK with confirmation or 400 Bad Request (errors)

📋 GroupResource Endpoint Summary Table

HTTP Method	Path	Parameters	Functionality	Response
POST	`/create/{adminId}`	`groupDTO` (JSON body), `adminId` (Long)	Create a new group and assign a user as admin.	201 Created with group or 400 Bad Request (validation errors), 500 Internal Server Error (exceptions)
GET	`/members/{groupId}`	`groupId` (Long)	Retrieve all approved members of the specified group.	200 OK with members list or 404 Not Found (no members)
PUT	`/{groupId}/promote/{adminId}/{targetUserId}`	`adminId` (Long), `targetUserId` (Long), `groupId` (Long)	Promote a user to admin role within the group.	200 OK with success or 400 Bad Request (errors)
DELETE	`/{groupId}/delete/{adminId}`	`adminId` (Long), `groupId` (Long)	Delete the specified group (admin only).	200 OK with success or 400 Bad Request (errors)
DELETE	`/{groupId}/remove/{adminId}/{targetUserId}`	`adminId` (Long), `targetUserId` (Long), `groupId` (Long)	Remove a user from the group (admin only).	200 OK with success or 400 Bad Request (errors)

📋 LikeResource Endpoints Summary

HTTP Method	URL Path	Description	Input Parameters	Output	Status Codes
POST	`/likes/userpost/{postId}/{userId}`	Like a specific **UserPost** by a user.	`postId` : int, `userId` : Long	Success message or error list	201 Created / 400 Bad Request / 500 Internal Server Error
POST	`/likes/group/{groupId}/{postId}/{userId}`	Like a specific **GroupPost** by a user.	`groupId` : Long, `postId` : int, `userId` : Long	Success message or error list	201 Created / 400 Bad Request / 500 Internal Server Error
GET	`/likes/userpost/{postId}`	Get all likes for a specific **UserPost**.	`postId` : int	List of `LikeDTO` or message	200 OK / 500 Internal Server Error
GET	`/likes/group/{groupId}/{postId}`	Get all likes for a specific **GroupPost**.	`groupId` : Long, `postId` : int	List of `LikeDTO` or message	200 OK / 500 Internal Server Error

📋 NotificationResource Endpoints Summary

HTTP Method	URL Path	Description	Input Parameters	Output	Status Codes
GET	`/notifications`	Retrieve all notifications for a user.	Query param `userId` : Long	List of `NotificationEntity` or message	200 OK / 204 No Content / 400 Bad Request
PUT	`/notifications/{id}/read`	Mark a specific notification as read.	Path param `id` : Long	Success message	200 OK