Ethusam

API Specification

Trello Link: <https://trello.com/b/iDii83XV>

GitHub Link: <https://github.com/StarkTheGnr/SWE2-Community-Ethusam>

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**\*This document is not final and might be modified over the course of development.**

# 1- Create a new post

Creates a new post on the system.

## Parameters:

1- UID – The unique ID of the user creating the comment.

2- Body – The body of the post to be posted.

3- Privacy – An integer denoting the privacy value.

0 – public, 1 – show to companies, 2 – show to followers

4- Topics – A tool to help show your post to interested viewers. A comma separated list of topics that the post revolves around.

## Return:

1- PID – The unique ID of the post created. If failed, returns -1.

# 2- Get UID

Gets the unique ID of the user with the given username. (\*) Subject to change.

## Parameters:

1- Username – The username of the user.

## Return:

1- UID – The unique ID of the user that owns the given username.

# 3- Reply to a post

Creates a new comment on a post.

## Parameters:

1- PID – The unique ID of the post to be replied to.

2- UID – The unique ID of the user commenting.

3- Body – The body text of the comment being created.

## Return:

1- CID – The unique ID of the comment just created.

# 4- Get a post

Gets a post with a specific ID.

## Parameters:

1- PID – The unique ID of the post to get.

2- UID – The unique ID of the user trying to access this post.

## Return:

1- PID – The unique ID of the post to get.

2- Body – The body text of the post.

3- Privacy - An integer denoting the privacy value.

0 – public, 1 – show to companies, 2 – show to followers

4- Topics - A tool to help show your post to interested viewers. A comma separated list of topics that the post revolves around.

5- Comments – An array of the first 20 comments under this post.

1- CID – The unique ID representing this comment.

2- UID – The unique ID of the user that created this comment.

3- Body – The body of the comment.

# 5- Get 20 comments on a post

Gets the nth 20 comment on.

## Parameters:

1- PID – The unique ID of the post to get.

2- UID – The unique ID of the user trying to access this post.

3- Batch Index – The API sends comments in batches of 20s. This integer values indicates the index of the batch.

Example: A batch index of 2 would return 20 comments starting from 40 to 59.

## Return:

1- Comments – An array of the nth 20 comments under this post.

1- CID – The unique ID representing this comment.

2- UID – The unique ID of the user that created this comment.

3- Body – The body of the comment.

# 6- Get Followed

Gets a list of the IDs of the users that this person follows.

## Parameters:

1- UID – The unique ID of the user.

## Return:

1- UID List – Array of IDs of users that this user follows.

# 7- Get Followers

Gets a list of the IDs of the users that follow this person.

## Parameters:

1- UID – The unique ID of the user.

## Return:

1- UID List – Array of IDs of users that follow this user.

# 8- Vote on a post

Likes, Dislikes or removes the vote from a post.

## Parameters:

1- PID – The unique ID of the post.

2- UID – The unique ID of the user.

3- Value – 1 for upvote, 0 for removing vote and –1 for downvote.

## Return:

1- Error – 0 for success and –1 for failure.

# 9- Follow a user

Follow a user.

## Parameters:

1- UID – The unique ID of the user.

2- Follow UID – The unique ID of the user to follow.

## Return:

1- Error – 0 for success and –1 for failure.

# 10- Get 10 interesting posts

Gets 10 interesting posts to the user.

## Parameters:

1- UID – The unique ID of the user.

## Return:

1- Posts – An array of post IDs.