CodeDiary

REST API REFERENCE

Aditya G. Medhe
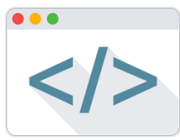
Post Retrieval

/get_posts

Input JSON format	```{```
	 ``` "timestamp" : t, //def = 0```
	 ``` "n" : n //def = 5```
	 ```}```

Explanation of Input JSON	**Timestamp**: All posts retrieved will be later than this timestamp. Useful for pagination **N** : No. Of posts to be returned

Output JSON Format	```{```
	 ``` "status" : STATUS_CODE,```
	 ``` "posts" : [```
	 ``` {```
	 ``` "post_title" : ...```
	 ``` "post_text" : ...```
	 ``` "post_tags" :```
	 ``` [{"tag_id":..., "tag_name": ...}]```
	 ``` }```
	 ```]```
	 ```}```

Explanation of Output JSON	**status**: status code. OK if successful **posts**: array of posts containing title, text, tags.

/get_post_by_id

Input JSON format	```{```
	 ``` "post_id" : 1234, //def = None```
	 ```}```

Explanation of Input JSON	**post_id**: ID of the post required

Output JSON Format	```{```
	 ``` "status" : STATUS_CODE,```
	 ``` "post_title" : ...```
	 ``` "post_text" : ...```
	 ``` "post_tags" :```
	 ``` [{"tag_id":..., "tag_name": ...}]```
	 ```}```

Explanation of Output JSON	**status**: status code. OK if successful
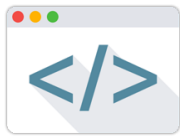
/get_posts_by_tags

Input JSON format	```{ "tags" : 1234, //def = None "timestamp" : ... //def = 0 "n" : ... //def = 5 }```
Explanation of Input JSON	**Tags:** Fetch all posts with ALL of these tags **Timestamp**: All posts retrieved will be later than this timestamp. Useful for pagination **N** : No. Of posts to be returned
Output JSON Format	```{ "status" : STATUS_CODE, "posts" : [{ "post_title" : ... "post_text" : ... "post_tags" : [{"tag_id":..., "tag_name": ...}] }] }```
Explanation of Output JSON	**status**: status code. OK if successful

/get_posts_by_title

Input JSON format	```{ "key" : ..., //def = None "timestamp" : ... //def = 0 "n" : ... //def = 5 }```
Explanation of Input JSON	**Key:** Search query for title of posts. Wildcards: _, % **Timestamp**: All posts retrieved will be later than this timestamp. Useful for pagination **N** : No. Of posts to be returned
Output JSON Format	```{ "status" : STATUS_CODE, "posts" : [{ "post_title" : ... "post_text" : ... "post_tags" : [{"tag_id":..., "tag_name": ...}] }] }```
Explanation of Output JSON	**status**: status code. OK if successful

Aditya G. Medhe
adityamedhe3@gmail.com

Post Deletion

`/delete_post`

Input JSON format	```{```
	``` "post_id" : ... //def = None```
	```}```

Explanation of Input JSON	**Post_id:** ID of the post to be deleted

Output JSON Format	```{```
	``` "status" : STATUS_CODE,```
	```}```

Explanation of Output JSON	**status**: status code. OK if successful, NOT_EXIST if post doesn't exist

Post Creation and Modification

`/edit_post`

Input JSON format	```{```
	``` "post_id" : ... //def = None```
	``` "new_title" : ...```
	``` "new_text" : ...```
	``` "new_tags" : ['tag1', ...]```
	```}```

Explanation of Input JSON	**Post_id:** ID of post to be edited Provide new fields appropriately

Output JSON Format	```{```
	``` "status" : STATUS_CODE,```
	```}```

Explanation of Output JSON	**status**: status code. OK if successful

## /insert_post

Input JSON format	```{ "post_title" : ... "post_text" : ... "post_tags" : ['tag1', ...] }```
Explanation of Input JSON	Provide new fields appropriately
Output JSON Format	```{ "status" : STATUS_CODE, }```
Explanation of Output JSON	**status**: status code. OK if successful

Tags

/get_tag_suggs

Input JSON format	```{ "key" : ... //def = None }```
Explanation of Input JSON	**Key :** Search query to retrieve similar tags
Output JSON Format	```{ "status" : STATUS_CODE, "post_tags": [{"tag_id":..., "tag_name": ...}] }```
Explanation of Output JSON	**status**: status code. OK if successful **post_tags**: array of tag suggestions
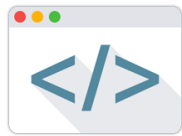
Status Codes

Status Code	Explanation
TEXT_EMPTY	You have not provided the POST_TEXT for a new post
TITLE_EMPTY	You have not provided the POST_TITLE for a new post
TAGS_EMPTY	You have not provided the POST_TAGS for a new post
DB_FAIL	There is a database error. Check whether Flask app and database file (sqlite3) are in place
EMPTY_KEY	You tried to search something and didn't provide the input key (search query)
NO_RESULT	The search criteria you've specified doesn't match any posts in database
NOT_EXIST	The post you're trying to EDIT/DELETE does not exist
OK	Requested operation has completed successfully