**Posting API Documentation**

It allows us to do basic functions for posting including creating, deleting, and getting posts.

|  |  |  |
| --- | --- | --- |
| HTTP Method | URI | Action |
| POST | http://localhost:2015/posts/todo/api/v1.0/create | Create a new post |
| DELETE | http://localhost:2015/posts/todo/api/v1.0/delete/[post\_id] | Delete an existing post |
| GET | http://localhost:2015/posts/todo/api/v1.0/get/[post\_id] | Retrieve an existing post |
| GET | http://localhost:2015/posts/todo/api/v1.0/get/recent/[community]/[n] | List the n most recent posts to a particular community |
| GET | http://localhost:2015/posts/todo/api/v1.0/get/recen/[n] | List the n most recent posts to any community |

**User Account API Documentation**

It allows us to do basic functions for user account including creating user, updating email, incrementing or decrementing karma, and deactivating account.

|  |  |  |
| --- | --- | --- |
| HTTP Method | URI | Action |
| POST | http://localhost:2015/users/todo/api/v1.0/create | Create user |
| PUT | http://localhost:2015/users/todo/api/v1.0/updatemail | Update email |
| PUT | http://localhost:2015/users/todo/api/v1.0/users/inckarma | Increment Karma |
| PUT | ttp://localhost:2015/users/todo/api/v1.0/update/deckarma | Decrement Karma |
| PUT | http://localhost:2015/users/todo/api/v1.0/account/deactivate | Deactivate account |

**Message API Documentation**

It allows us to do basic functions for message.

|  |  |  |
| --- | --- | --- |
| HTTP Method | URI | Action |
| POST | http://localhost:2015/messages/todo/api/v1.0/send | Send message |
| DELETE | http://localhost:2015/messages/todo/api/v1.0/delete/[message\_id] | Delete message |
| PUT | http://localhost:2015/messages/todo/api/v1.0/setfavorite | Set favorite message |
| GET | http://localhost:2015/messages/todo/api/v1.0/get/favorite/[username] | Get favorite message (of a user) |

**Vote API Documentation**

It allows us to do basic functions for voting a post or accessing posts.

|  |  |  |
| --- | --- | --- |
| HTTP Method | URI | Action |
| PUT | http://localhost:2015/votes/todo/api/v1.0/upvote | Upvote a post |
| PUT | http://localhost:2015/votes/todo/api/v1.0/downvote | Downvote a post |
| GET | http://localhost:2015/votes/todo/api/v1.0/get/2 | Get upvotes and downvotes of a post |
| GET | http://localhost:2015/votes/todo/api/v1.0/get/top/[n] | List the n top-scoring posts |
| GET | http://localhost:2015/votes/todo/api/v1.0/sort | Sort a list of posts by its score |