Github:

Branch is doing(don’t merge main branch)

# Account and profile of user:

File:

* *url:*

*method:post*

* *request*
* *parameter: none*
* *Body request*:
* *Return*

*Status: 201*

## Create user:

* *url:* <http://127.0.0.1:8000/api/v1/create_account/>

*method:post*

* *request*
* *parameter: none*
* *Body request*:

{

"user":{

"username":"usertest8",

"password":"111111aA@",

"first\_name":"nguyen van",

"last\_name":"a",

"email":"nguyenvana@gmail.com"

},

"birthday":"1994-09-01",

"address":"dn"

}

* *Return*

*Status: 201*

*{*

*"address": "dn",*

*"birthday": "1994-09-01",*

*"id": 11,*

*"resource\_uri": "/api/v1/create\_account/11/",*

*"user": {*

*"date\_joined": "2018-08-24T02:31:52.042560",*

*"email": "nguyenvana@gmail.com",*

*"first\_name": "nguyen van",*

*"id": 12,*

*"is\_active": true,*

*"is\_staff": false,*

*"is\_superuser": false,*

*"last\_login": null,*

*"last\_name": "a",*

*"resource\_uri": "/api/v1/user/12/",*

*"username": "usertest8"*

*}*

*}*

## Setting:login and logout

### Login:

* *url:* <http://127.0.0.1:8000/api/v1/settings/login/>

*method:post*

* *request*
* *body:*

*{*

*username: usertest5*

*password: 111111aA@*

*}*

* *Return*

*Basic information of user*

*And api\_key to use other request after login*

*Status: 200*

*{*

*"apikey ": "44c1471033b55d667bcbf77908dcccaa20fdc235",*

*"email": "a@a.com",*

*"first\_name": "Nguyen Van ",*

*"id": 7,*

*"last\_name": "A",*

*"username": "usertest5"*

*}*

### Logout:

* *url:* <http://127.0.0.1:8000/api/v1/settings/logout/>
* *method:get*
* *Return*

*If you logined , it return*

*{*

*"success": true*

*}*

*If you didn’t login, it return*

*{*

*"error\_message": "You are not authenticated, False",*

*"success": false*

*}*

## My Profile of user:

### See my profile:

* *url:* <http://127.0.0.1:8000/api/v1/my_profile/>

*method:get*

* *request*
* *parameter:*

*username=usertest9*

*api\_key:* 65bfc70874bc79d50ec03fa0f8bd2e5dbf7e1b9f

* *Return: user(first\_name,last\_name,email,.) and profile(address,birthday)*

*Status: 200*

*{*

*"address": "dn",*

*"birthday": "2018-08-24",*

*"id": 12,*

*"resource\_uri": "/api/v1/my\_profile/12/",*

*"user": {*

*"date\_joined": "2018-08-24T02:36:02",*

*"email": "",*

*"first\_name": "",*

*"id": 13,*

*"is\_active": true,*

*"is\_staff": true,*

*"is\_superuser": true,*

*"last\_login": null,*

*"last\_name": "",*

*"resource\_uri": "/api/v1/user/13/",*

*"username": "usertest9"*

*}*

*}*

### Update profile:

* *url:* <http://127.0.0.1:8000/api/v1/my_profile/> 12

*method:get*

* *request*
* *parameter:*

*username=usertest9*

*api\_key:* 65bfc70874bc79d50ec03fa0f8bd2e5dbf7e1b9f

* *body: information update*

*example:*

*{*

*"last\_name":"A"*

*}*

* *Return: information after update*

*Status: 200*

*{*

*"address": "dn",*

*"birthday": "2018-08-24",*

*"id": 12,*

*"last\_name": "A",*

*"pk": "12",*

*"resource\_uri": "/api/v1/my\_profile/12/",*

*"user": {*

*"date\_joined": "2018-08-24T02:36:02",*

*"email": "",*

*"first\_name": "",*

*"id": 13,*

*"is\_active": true,*

*"is\_staff": true,*

*"is\_superuser": true,*

*"last\_login": null,*

*"last\_name": "",*

*"resource\_uri": "/api/v1/user/13/",*

*"username": "usertest9"*

*}*

*}*

## See other profile:

# Post

## My post: of user logined

### Create post:

* *url:* <http://127.0.0.1:8000/api/v1/my_post/>

*method:post*

* *request*
* *parameter:*

*username*

*api\_key*

* *Body: information of a post: author, content and image*

{

"author": {

"username":"usertest5",

"id":7

},

"content": "--demo1",

"image": "posts/2018/08/24/dog-wet.jpg"

}

* *Return:author,content,image and count\_comment=0, count\_like=0*

*Status: 201*

*{*

*"author": "/api/v1/user/7/",*

*"content": "--demo1",*

*"count\_comment": 0,*

*"count\_like": 0,*

*"id": 3,*

*"image": "posts/2018/08/24/dog-wet.jpg",*

*"resource\_uri": "/api/v1/my\_post/3/"*

*}*

### See all my post:

* *url:* <http://127.0.0.1:8000/api/v1/my_post/>

*method:get*

* *request*
* *parameter:*

*username*

*api\_key*

* *Return: all post*

*Status: 200*

*{*

*"meta": {*

*"limit": 20,*

*"next": null,*

*"offset": 0,*

*"previous": null,*

*"total\_count": 2*

*},*

*"objects": [*

*{*

*"author": "/api/v1/user/7/",*

*"content": "--demo1",*

*"count\_comment": 0,*

*"count\_like": 0,*

*"id": 1,*

*"image": "posts/2018/08/24/dog-wet.jpg",*

*"resource\_uri": "/api/v1/my\_post/1/"*

*},*

*{*

*"author": "/api/v1/user/7/",*

*"content": "edited",*

*"count\_comment": 0,*

*"count\_like": 0,*

*"id": 2,*

*"image": "posts/2018/08/24/dog-wet.jpg",*

*"resource\_uri": "/api/v1/my\_post/2/"*

*}*

*]*

*}*

### Update post

* *url:* <http://127.0.0.1:8000/api/v1/my_post/><id\_post>

*method:put*

* *request*
* *parameter:*

*username*

*api\_key*

* *Body request*: content which user want to update

*Ex*:

{

"content": "edited"

}

* *Return: content after update*

*Status 200 ok*

{

"author": "/api/v1/user/7/",

"content": "edited",

"count\_comment": 0,

"count\_like": 0,

"id": 2,

"image": "posts/2018/08/24/dog-wet.jpg",

"pk": "2",

"resource\_uri": "/api/v1/my\_post/2/"

}

### Delete a post

* *url:* <http://127.0.0.1:8000/api/v1/my_post/><id\_post>

*method:delete*

* *request*
* *parameter:*

username

api\_key

* *Return: a post is deleted*

*204 ok*

## See All post of other user (see wall of a other user):

### See post of <id\_user>:

* *url:* http://127.0.0.1:8000/api/v1/list\_post/user/<id\_user>/

*method:get*

*Example: :* http://127.0.0.1:8000/api/v1/list\_post/user/6/

* *request*
* *parameter:*

*username*

*api\_key*

* *Return: list post of a other user*

*Status: 200*

*{*

*"meta": {*

*"limit": 20,*

*"next": null,*

*"offset": 0,*

*"previous": null,*

*"total\_count": 2*

*},*

*"objects": [*

*{*

*"author": "/api/v1/user/6/",*

*"content": "--demo1",*

*"count\_comment": 0,*

*"count\_like": 0,*

*"id": 1,*

*"image": "posts/2018/08/24/dog-wet.jpg",*

*"resource\_uri": "/api/v1/list\_post/1/"*

*},*

*{*

*"author": "/api/v1/user/6/",*

*"content": "edited",*

*"count\_comment": 0,*

*"count\_like": 0,*

*"id": 2,*

*"image": "posts/2018/08/24/dog-wet.jpg",*

*"resource\_uri": "/api/v1/list\_post/2/"*

*}*

*]*

*}*

# Comment:

## See all comment in a post:

* *url:* [http://127.0.0.1:8000/api/v1/post/<id\_post>/all\_commen](http://127.0.0.1:8000/api/v1/post/%3cid_post%3e/all_commen)t/

*method:get*

* *request*
* *parameter:*

*username*

*api\_key*

* *Body request*:
* *Return: all comment(commenter, content) in a post*

*Status: 200*

*Ex:*

*{*

*"meta": {*

*"limit": 20,*

*"next": null,*

*"offset": 0,*

*"previous": null,*

*"total\_count": 2*

*},*

*"objects": [*

*{*

*"commenter": "/api/v1/user/10/",*

*"content": "comment 1",*

*"id": 1,*

*"post": "/api/v1/all\_post/1/",*

*"resource\_uri": "/api/v1/all\_comment/1/"*

*},*

*{*

*"commenter": "/api/v1/user/1/",*

*"content": "comment 2",*

*"id": 3,*

*"post": "/api/v1/all\_post/1/",*

*"resource\_uri": "/api/v1/all\_comment/3/"*

*}*

*]*

*}*

## My comment:

### All my comment(all post of user login):

* *url:* <http://127.0.0.1:8000/api/v1/comment/>

*method:get*

* *request*
* *parameter:*

*username*

*api\_key*

* *Body request*:
* *Return: all comment(commenter, content) in a post*

*Status: 200*

### Create:

* *url:* <http://127.0.0.1:8000/api/v1/comment/>

*method:get*

* *request*
* *parameter:*

*username*

*api\_key*

* *Body request*:
* *Return: all comment(commenter, content) in a post*

*Status: 200*

{

"commenter": {

"username":"usertest5",

"id":7

},

"post": {

"author": {

"id": 4,

"username": "usertest3"

}

},

"content": "comment of user 5"

}

### Delete

* *url:* <http://127.0.0.1:8000/api/v1/comment/> <id\_comment>

*method:get*

* *request*
* *parameter:*

*username*

*api\_key*

* *Body request*:
* *Return: delete this comment*

Status: 204

### Update

* *url:* <http://127.0.0.1:8000/api/v1/comment/> <id\_comment>

*method:get*

* *request*
* *parameter:*

*username*

*api\_key*

* *Body request*: content of comment

{

"content": "comment of user 5"

}

* *Return: comment update*

Status: 200

# Like:

## See all like in a post::

* *url:* [*http://127.0.0.1:8000/api/v1/post/<id\_post>/all\_like/*](http://127.0.0.1:8000/api/v1/post/%3cid_post%3e/all_like/)/

*method:get*

* *request*
* *parameter:*

*username*

*api\_key*

* *Body request*:
* *Return: all like(commenter, content) in a post*

*Status: 200*

## My Like:

### Create:

### Delete

* *url:* <http://127.0.0.1:8000/api/v1/comment/> <id\_delete>

*method:get*

* *request*
* *parameter:*

*username*

*api\_key*

* *Body request*:
* *Return:unlike the post*

Status: 204

# Friend