New user /signup

POST Create a new user and return an authorization token if success

Header:

Content-Type : application/x-www-form-urlencoded

Body:

uname   : *String **(required)***

a username of the new user (must not be identical to another username)

email   : *String **(required)***

an email of the new user (must not be used to create user before)

password   : *String **(required)***

a password of the new user (should be strong)

Response:

200 Success

Sample response:

```
{
    "auth-token": "014hCwkC42URrpU/58r6lVxzLSxwTCBtdThN2uDjaEk="
}
```

400 Bad request

Sample response:

```
{
    "message": "bad request"
}
```

409 Conflict

Sample response:

```
{
    "message": "this email has already been used"
}
```

Authorization /authorized

POST Log a user in and return an authorization token if success

Header:

Content-Type : application/x-www-form-urlencoded

Body:

email   : *String* **(required)**
               an email of the user

password   : *String* **(required)**
               a password of the user

Response:

200 Success

Sample response:

```
{
    "auth-token": "014hCwkC42URrpU/58r6lVxzLSxwTCBtdThN2uDjaEk="
}
```

400 Bad request

Sample response:

```
{
    "message": "bad request"
}
```

401 Unauthorized

Sample response:

```
{
    "message": "wrong email or password"
}
```

GET Check if a user is logged in and return an authorization token if success

Header:

Content-Type : application/x-www-form-urlencoded

auth-token   : *Example* 014hCwkC42URrpU/58r6lVxzLSxwTCBtdThN2uDjaEk=
               a token returned from sign up or authorized (log in) action

Response:

200 Success

Sample response:

```
{
    "auth-token": "014hCwkC42URrpU/58r6lVxzLSxwTCBtdThN2uDjaEk="
}
```

401 Unauthorized

Sample response:

```
{
    "message": "session expired"
}
```

Profile /profile

Header:
Content-Type : application/x-www-form-urlencoded
auth-token   : *Example* 014hCwkC42URrpU/58r6lVxzLSxwTCBtdThN2uDjaEk=
                     a token returned from sign up or authorized (log in) action
Path Parameter:
authUid   : *String* **(required)**
                     the uid of a user (encoded)
Query Parameter:
page   : *integer* **(required)**
                     the page of posts (1 page contains 24 posts, starting from 0)
Response:
200 Success
Sample response:

```
{
  "uid": "OXuMFYtTmSlPkKWCk9Nw0g==",
  "uname": "ngocnghiem",
  "post": {
    "page": 0,
    "posts": [
      {
        "can_comment": false,
        "comments": [],
        "src": "http://10.114.32.118/margatsni/34_1512067837097CAQ-aFoWMAAXQWU.jpg",
        "can_like": false,
        "owned": false,
        "caption": "me right now!",
        "postId": "qnB4rgZ85jNnh6k/1fgPTw==",
        "timestamp": 1512067837098,
        "likes": 0
      },
      {
        "can_comment": false,
        "comments": [],
        "src": "http://10.114.32.118/margatsni/34_1511893941011IMG_0102.JPG",
        "can_like": false,
        "owned": false,
        "postId": "pZLWmqr/WzZgXM/SLcG5fA==",
        "timestamp": 1511893941011,
        "likes": 0
      }
    ]
  },
  "liked": false
}
```

400 Bad request

Sample response:

{

   "message": "bad request"

}

401 Unauthorized

Sample response:

{

   "message": " session expired"

}

303 See other

Happens when a user request for his/her own profile. In that case, he/she should instead use /profile/me request

{

   "message": "redirect to /profile/me"

}

`GET` /profile/me Get the current user information

Header:

Content-Type : application/x-www-form-urlencoded

auth-token   : *Example* 014hCwkC42URrpU/58r6lVxzLSxwTCBtdThN2uDjaEk=

           a token returned from sign up or authorized (log in) action *(required)*

Query Parameter:

page   : *integer* *(required)*

           the page of posts (1 page contains 24 posts, starting from 0)

Response:

200 Success

Sample response:

```
{
  "uid": "elPiQRpOXiF6SzGgeyqluA==",
  "uname": "ngocn",
  "post": {
    "page": 0,
    "posts": [
      {
        "can_comment": true,
        "comments": [],
        "src": "http://10.114.32.118/margatsni/33_1512033733536bat.png",
        "can_like": true,
        "owned": true,
        "caption": "batman things!",
        "postId": "q5ISHL8cBprizttK2OlUrw==",
        "timestamp": 1512033733537,
        "likes": 3
      },
      {
```

```json
          "can_comment": true,
          "comments": [
            {
              "uid": "elPiQRpOXiF6SzGgeyqluA==",
              "uname": "ngocn",
              "owned": true,
              "profile_pic": "http://10.114.32.118/profile_pic/profile_33.jpg",
              "comment_id": "gFBPxC8fHo8jTpDUcEYLAA==",
              "content": "hmm, should i report this?",
              "timestamp": 1512068168568
            },
            {
              "uid": "elPiQRpOXiF6SzGgeyqluA==",
              "uname": "ngocn",
              "owned": true,
              "profile_pic": "http://10.114.32.118/profile_pic/profile_33.jpg",
              "comment_id": "zpXdRnfHotYDLf197Wgueg==",
              "content": "hmm, should i report this?",
              "timestamp": 1512122910106
            },
            {
              "uid": "elPiQRpOXiF6SzGgeyqluA==",
              "uname": "ngocn",
              "owned": true,
              "profile_pic": "http://10.114.32.118/profile_pic/profile_33.jpg",
              "comment_id": "o9kiZuDfUOfjyBZNzZoxNA==",
              "content": "just kidding :D",
              "timestamp": 1512129381978
            }
          ],
          "src": "http://10.114.32.118/margatsni/33_1511893328075_MG_7372.jpg",
          "can_like": true,
          "owned": true,
          "postId": "13b6Wmi3AJJFkB3CmrQcNQ==",
          "timestamp": 1511893328076,
          "likes": 0
        }
      ]
    },
    "profile_pic": "http://10.114.32.118/profile_pic/profile_33.jpg",
    "fav_quote": "I am a user, and I like cats",
    "liked": false
}
```

400 Bad request

Sample response:

```json
{
    "message": "bad request"
}
```

401 Unauthorized

Sample response:

```
{
    "message": "session expired"
}
```

PUT Update user's favorite quote

Header:

Content-Type : application/x-www-form-urlencoded

auth-token   : *Example* 014hCwkC42URrpU/58r6lVxzLSxwTCBtdThN2uDjaEk=

                a token returned from sign up or authorized (log in) action *(required)*

Body:

fav_quote   : *string* *(required)*

                the user's new favorite quote

Response:

200 Success

Sample response:

```
{
    "fav_quote": "I am a user, and I like dancing"
}
```

400 Bad request

Sample response:

```
{
    "message": "bad request"
}
```

401 Unauthorized

Sample response:

```
{
    "message": "session expired"
}
```

POST Update user's profile picture

Header:

auth-token   : *Example* 014hCwkC42URrpU/58r6lVxzLSxwTCBtdThN2uDjaEk=

                a token returned from sign up or authorized (log in) action *(required)*

Body:

file   : *file* *(required)*

                the profile picture

Response:

200 Success

Sample response:

```
{
    "profile_pic": "http://10.114.32.118/profile_pic/profile_37.jpg"
}
```

400 Bad request

Sample response:

```
{
    "message": "bad request"
}
```

401 Unauthorized

Sample response:

```
{
    "message": "session expired"
}
```

Post /post

POST /post/new Create a new post

Header:

auth-token   : *Example* 014hCwkC42URrpU/58r6lVxzLSxwTCBtdThN2uDjaEk=

a token returned from sign up or authorized (log in) action **(required)**

Body:

file   : *file* **(required)**

the file that is being uploaded

caption   : *String*

the caption of the post

Response:

200 Success

Sample response:

```
{
    "uid": "J6ierADGJ5+nCrlC+fIwrQ==",
    "can_comment": true,
    "comments": [],
    "uname": "leomessi",
    "src": "http://10.114.32.118/margatsni/39_1512132499931esport-trans.png",
    "can_like": true,
    "caption": "white logo <3",
    "postId": "IKx8erZs5WJNbALihY4GCg==",
    "liked": false,
    "timestamp": 1512132499933,
    "likes": 0
}
```

400 Bad request

Sample response:

```
{
    "message": "bad request"
}
```

401 Unauthorized

Sample response:

```
{
    "message": " session expired"
}
```

PUT Update user's post

Header:

Content-Type : application/x-www-form-urlencoded

auth-token   : *Example* 014hCwkC42URrpU/58r6lVxzLSxwTCBtdThN2uDjaEk=

a token returned from sign up or authorized (log in) action **(required)**

Body:

post   : *string* **(required)**

the post id

caption   : *string **(required)***
                       the new caption of the post

Response:

200 Success

Sample response:

```
{
    "uid": "93xQKoGwvpj2KpVIsN9nNQ==",
    "can_comment": true,
    "comments": [],
    "uname": "giangph",
    "src": "http://10.114.32.118/margatsni/32_1511957895318IMG_0490.png",
    "can_like": true,
    "caption": "an updated post from me",
    "postId": "o9kiZuDfUOfjyBZNzZoxNA==",
    "liked": false,
    "timestamp": 1511957895319,
    "likes": 0
}
```

400 Bad request

Sample response:

```
{
    "message": "bad request"
}
```

401 Unauthorized

Sample response:

```
{
    "message": "session expired"
}
```

404 Resource not found

Sample response:

```
{
    "message": "post not found"
}
```

403 Forbidden

Sample response:

```
{
    "message": "permission denied"
}
```

`DELETE` Remove user's post

Header:

Content-Type   : application/x-www-form-urlencoded

auth-token   : *Example* 014hCwkC42URrpU/58r6lVxzLSxwTCBtdThN2uDjaEk=
                       a token returned from sign up or authorized (log in) action ***(required)***

Body:

post   : *string **(required)***
                       the post id

Response:

200 Success

Sample response:

```
{
    "message": "success"
}
```

400 Bad request

Sample response:

```
{
    "message": "bad request"
}
```

401 Unauthorized

Sample response:

```
{
    "message": "session expired"
}
```

404 Resource not found

Sample response:

```
{
    "message": "post not found"
}
```

403 Forbidden

Sample response:

```
{
    "message": "permission denied"
}
```

Comment /post

POST Create a new comment

Header:

Content-Type : application/x-www-form-urlencoded

auth-token : *Example* 014hCwkC42URrpU/58r6lVxzLSxwTCBtdThN2uDjaEk=

a token returned from sign up or authorized (log in) action **(required)**

Body:

post : *String* **(required)**

the post id

content : *String*

the content of the comment

Response:

200 Success

Sample response:

```
{
    "uid": "4AoIuhrYix5NZvrMIuZhnw==",
    "uname": "mother_of_god",
    "owned": true,
    "profile_pic": "http://10.114.32.118/profile_pic/profile_37.jpg",
    "comment_id": "f937ycKtdarRYCmd21f+aw==",
    "content": "lol :D",
    "timestamp": 1512153888372
}
```

400 Bad request

Sample response:

```
{
    "message": "bad request"
}
```

401 Unauthorized

Sample response:

```
{
    "message": " session expired"
}
```

404 Resource not found

Sample response:

```
{
    "message": "post not found"
}
```

403 Forbidden

Sample response:

```
{
    "message": "permission denied"
}
```

PUT Update a comment

Header:

Content-Type : application/x-www-form-urlencoded

auth-token   : *Example* 014hCwkC42URrpU/58r6lVxzLSxwTCBtdThN2uDjaEk=

a token returned from sign up or authorized (log in) action *(required)*

Body:

comment_id   : *string (required)*

the comment id

content   : *string (required)*

the new content of the comment

Response:

200 Success

Sample response:

```
{
    "uid": "4AoIuhrYix5NZvrMIuZhnw==",
    "uname": "mother_of_god",
    "owned": true,
    "profile_pic": "http://10.114.32.118/profile_pic/profile_37.jpg",
    "comment_id": "f937ycKtdarRYCmd21f+aw==",
    "content": "LOL :D",
    "timestamp": 1512153888372
}
```

400 Bad request

Sample response:

```
{
    "message": "bad request"
}
```

401 Unauthorized

Sample response:

```
{
    "message": "session expired"
}
```

404 Resource not found

Sample response:

```
{
    "message": "comment not found"
}
```

403 Forbidden

Sample response:

```
{
    "message": "permission denied"
}
```

DELETE Remove a comment

Header:

Content-Type : application/x-www-form-urlencoded

auth-token   : *Example* 014hCwkC42URrpU/58r6lVxzLSxwTCBtdThN2uDjaEk=
                 a token returned from sign up or authorized (log in) action *(required)*

Body:

comment_id   : *string* *(required)*
                 the comment id

Response:

200 Success

Sample response:

```
{
    "message": "success"
}
```

400 Bad request

Sample response:

```
{
    "message": "bad request"
}
```

401 Unauthorized

Sample response:

```
{
    "message": "session expired"
}
```

404 Resource not found

Sample response:

```
{
    "message": "post not found"
}
```

403 Forbidden

Sample response:

```
{
    "message": "permission denied"
}
```

LIKE /like

POST Like or unlike

Header:

Content-Type : application/x-www-form-urlencoded

auth-token : *Example* 014hCwkC42URrpU/58r6lVxzLSxwTCBtdThN2uDjaEk=

a token returned from sign up or authorized (log in) action *(required)*

Body:

post : *String* *(required)*

the post id

Response:

200 Success

Sample response:

```
{
  "comments": [
    {
      "uid": "OXuMFYtTmSlPkKWCk9Nw0g==",
      "uname": "ngocnghiem",
      "comment_id": "UV5SwgqEfNrVZmfKIInv8A==",
      "content": "go drunk, you are home!",
      "timestamp": 1512068099784
    }
  ],
  "src": "http://10.114.32.118/margatsni/32_1511894012567IMG_0102.JPG",
  "postId": "UV5SwgqEfNrVZmfKIInv8A==",
  "timestamp": 1511894012567,
  "likes": 1
}
```

400 Bad request

Sample response:

```
{
  "message": "bad request"
}
```

401 Unauthorized

Sample response:

```
{
  "message": " session expired"
}
```

404 Resource not found

Sample response:

```
{
  "message": "post not found"
}
```

FEED /like

GET Get all the posts in a specific page

Header:

Content-Type : application/x-www-form-urlencoded

auth-token : *Example* 014hCwkC42URrpU/58r6lVxzLSxwTCBtdThN2uDjaEk=

a token returned from sign up or authorized (log in) action

Query Parameters:

page : *integer* **(required)**

the page of posts

Response:

200 Success

Sample response:

```
[
  {
    "comments": [],
    "uname": "ngocn",
    "src": "http://10.114.32.118/margatsni/33_1512033733536bat.png",
    "profile_pic": "http://10.114.32.118/profile_pic/profile_33.jpg",
    "caption": "batman things!",
    "postId": "q5ISHL8cBprizttK2OlUrw==",
    "liked": true,
    "uid": "elPiQRpOXiF6SzGgeyqluA==",
    "can_comment": true,
    "can_like": true,
    "owned": false,
    "timestamp": 1512033733537,
    "likes": 3
  },
  {
    "uid": "93xQKoGwvpj2KpVIsN9nNQ==",
    "can_comment": true,
    "comments": [],
    "uname": "giangph",
    "src": "http://10.114.32.118/margatsni/32_1511988037047HIMYM.png",
    "can_like": true,
    "owned": false,
    "caption": "HIMYM",
    "postId": "aTqfDUVahzmmrdafctcWNw==",
    "liked": false,
    "timestamp": 1511988037048,
    "likes": 1
  }
]
```

401 Unauthorized

Sample response:

```
{
    "message": " session expired"
}
```

GET /top Get all the top posts in a specific page

Header:

Content-Type : application/x-www-form-urlencoded

auth-token   : *Example* 014hCwkC42URrpU/58r6lVxzLSxwTCBtdThN2uDjaEk=

a token returned from sign up or authorized (log in) action

Query Parameters:

page   : *integer* **(required)**

the page of posts

Response:

200 Success

Sample response:

```
[
    {
        "comments": [],
        "uname": "ngocn",
        "src": "http://10.114.32.118/margatsni/33_1512033733536bat.png",
        "profile_pic": "http://10.114.32.118/profile_pic/profile_33.jpg",
        "caption": "batman things!",
        "postId": "q5ISHL8cBprizttK2OlUrw==",
        "liked": true,
        "uid": "elPiQRpOXiF6SzGgeyqluA==",
        "can_comment": true,
        "can_like": true,
        "owned": false,
        "timestamp": 1512033733537,
        "likes": 3
    },
    {
        "uid": "93xQKoGwvpj2KpVIsN9nNQ==",
        "can_comment": true,
        "comments": [],
        "uname": "giangph",
        "src": "http://10.114.32.118/margatsni/32_1511988037047HIMYM.png",
        "can_like": true,
        "owned": false,
        "caption": "HIMYM",
        "postId": "aTqfDUVahzmmrdafctcWNw==",
        "liked": false,
        "timestamp": 1511988037048,
        "likes": 1
    }
]
```

401 Unauthorized

Sample response:

```
{
    "message": " session expired"
}
```

Search Users /user

Header:

Content-Type : application/x-www-form-urlencoded

auth-token : *Example* 014hCwkC42URrpU/58r6lVxzLSxwTCBtdThN2uDjaEk=

a token returned from sign up or authorized (log in) action

Query Parameter:

search : *String* **(required)**

the username

Response:

200 Success

Sample response:

```
[
  {
    "uid": "93xQKoGwvpj2KpVIsN9nNQ==",
    "uname": "giangph"
  }
]
```

401 Unauthorized

Sample response:

```
{
  "message": " session expired"
}
```