List of interfaces of BingBin

All interfaces except google and facebook login return a 'valid' argument which indicate if the function has worked correctly. It valid equal FALSE, and argument 'error' describe what happen during the execution

For connection, if the token has the value FALSE, a problem has happen during generation of BingBinToken. You must connect again

Connection interfaces

Google/authorizeLogin

Arguments (GET) :

- Google token

This function will check if the token is correct. If it is, create an account if don't exist and generate a BingBinToken return to the user

Argument of responses :

- error : indicate the error if happen
- token : the value of the token returned by the server

Facebook/authorizeLogin

Arguments (GET) :

- Facebook token

This function will check if the token is correct. If it is, create an account if don't exist and generate a BingBinToken return to the user

Argument of responses :

- error : indicate the error if happen
- token : the value of the token returned by the server

Ranking Interfaces

Rankinkg/getLadder

Arguments (POST)

- BingBinToken
- Duration (must be in_list[day,week,month,all])

This function return the ladder for the selected duration and the rank of the user during this duration

Argument of response :

- error : indicate the possible error if happen
- user_rank : the rank in the selected period. If value is 0, user isn't in the ladder during the period
- ladder : an array with the user in the ladder for the selected period
    - the key of each object is the id of the user
    - rank : rank of the user
    - name
    - email
    - pseudo
    - eco_point : the eco_point won during the selected period

App Interfaces

App/loginAuthorize

Argument (POST)

- pseudo
- password

The function log-in a user, generate new token and invalid the older token

Argument of response :

- data : all user's information
    - id
    - name
    - firstname
    - eco_point
    - email
    - fb_id
    - img_url
    - date_nais
    - pseudo
- token : the new token for server communication

app/registerValidation

Arguments (POST)

- pseudo
- password
- name
- firstname
- email

Create account if possible

Argument of response :

- error
- token : user token for server communication

app/getmyinfo

Arguments (POST)

- BingBinToken

Return all the information about the user

Argument of response :

- data
    - o name
    - o firstname
    - o email
    - o eco_point
    - o img_url
    - o date_nais
    - o fb_id
    - o pseudo

app/uploadscan

Arguments (POST)

- BingBinToken
- trashName

- trashCategory (value according the value in bdd)

Arguments (FILE)

- img : the object scan

save the scan in the bdd, and add the eco_point to user's score

Argument of response :

- data
  - name
  - firstname
  - email
  - eco_point
  - img_url
  - date_nais
  - fb_id
  - pseudo

app/gettrashescategories

Arguments (POST)

- BingBinToken

Argument of response :

- id
- name
- eco_point : amount of eco_point given by scanning this trash
- degradation : for information in the app

List of internal function

app/infoFor

arguments

- bingbin_id

Aim

This function return all information about the user with the 'valid' argument

app/savePhoto

arguments

- picture_name

Aim

This function will rename and move and uploade file (picture_name) in the folder reserved for the scanning result, and returned the name of the photo moved

app/addEcoPoint

Arguments

- bingbin_id
- id_typeTrash

Aim

Add the amount of eco_point for the typeOfTransh in paramater