API-documentation

Authentification

GET /login

- Description
  Return login page
- URL Params:
  None
- Body Params:
  None
- Responses:
  - Success respone (200):
    "GET /sign-in HTTP/1.1" 200

POST /login

- Description
  Logs user in.
- URL Params:
  None
- Body Params:
  - email:string
  - password:string
- Responses:
  - Redirection (302):
    - if password is correct, redirects to **/**
      "POST /login HTTP/1.1" 302
      "GET / HTTP/1.1" 200

GET /register

- Description
  Return register page
- URL Params:
  None
- Responses:
  - Success respone (200):
    "GET /register HTTP/1.1" 200

POST /register

- Description
  Creates user account.
- URL Params:
  None
- Body Params:
    - email:string
    - password:string
- Responses:
    - Redirection (302):
        - if inputs filled, it creates the account and redirects to `/login`
          "POST /register HTTP/1.1" 302
          "GET /login HTTP/1.1" 200

GET /logout

- Description
  Logs user out.
- URL Params:
  None
- Body Params:
  None
- Responses:

    - Redirection (302): logs user out and redirects to `/login`

      ```
      "GET /logout HTTP/1.1" 302
      "GET /sign-in HTTP/1.1" 200
      ```

Lamp API

GET /api/lamp/<lamp_id>/

- Description
  Return lamp luminosity in json format (require login)
- URL Params:
    - lamp_id:string (example:lamp1a)
- Body Params:
  None
- Responses:
    - Success respone (200): Return value of specified lamp
      "GET /api/lamp/ HTTP/1.1" 200

POST /api/lamp/<lamp_id>/

- Description
  Set the lumunosity of specified lamp (require login)

- URL Params:
  - lamp_id:string (example:lamp1a)
- Body Params:
  None
- Responses:
  - Success respone (200): Set brightness of specified lamp
    "POST /api/lamp/ HTTP/1.1" 200

GET /api/lamp/all/

- Description
  Return lamp luminosity of all the lamps in json format (require login)
- URL Params:
  None
- Body Params:
  None
- Responses:
  - Success respone (200): Return value of all lamps
    "GET /api/lamp/all HTTP/1.1" 200

POST /api/lamp/all/

- Description
  Set the lumunosity of all lamps. (require login)
- URL Params:
  None
- Body Params:
  - dimming:integer
- Responses:
  - Success respone (200): Set brightness of all the lamps
    "POST /api/lamp/all HTTP/1.1" 200

Other pages

GET /

- Description
  Return the lamp dashboard page. (require login)
- URL Params:
  None
- Body Params:
  None
- Responses:
  - Success respone (200):
    "GET / HTTP/1.1" 200

GET /history

- Description
  Return the lamp history page. (require login)
- URL Params:
  None
- Body Params:
  None
- Responses:
  - Success respone (200):
    "GET /history HTTP/1.1" 200