

API-ENDPOINT Documentation

1) /auth/signup/:

Method: POST

Parameters:

username: string

email: string

password1: string

password2: string

Return: None

Description:

- 1)Creates user with credentials supplied
- 2)password1 and password2 must match. Should have at least 8characters.
- 3>Password should not be trivial
- 4)username and email should not have been registered before

2)/auth/login/:

Method: POST

Parameters:

username: string

password: string

Return: REST Framework Token Object's key

Description:

- 1)log in the user
- 2)username should be the one with which you have registered

3)/auth/logout/:

Method: POST

Parameters: None

Return: None

Description: logout the user. Your token is no longer valid

4)/auth/password/change/:

Method: POST

Parameters:

new_password1: string

new_password2: string

Return: Returns the success/fail message.

Description:

- 1)your password will be changed to new_password1 and you'll be logged out (if conditions below are satisfied)
- 2)password1 and password2 must match. Should have at least 8characters.
- 3>Password should not be trivial
- 4)username and email should not have been registered before
- 5)your old token is no longer valid

5)/auth/refresh-token/:

Method: POST

Parameters: Current REST Framework Token Object's key

Return: Returns a refreshed token (with new expiration) based on existing token

Description: return a new token with new expiration

6)/upload/{func_code}/:

Method: POST

Parameters: FormData object of the form

{“file”, blob (i.e your file), filename (i.e the name of your file)}

Return: None

Headers: {header=HttpHeaders ({“Authorization”: ‘JWT’ + (your Current Token Object's key)}}}

Description:

- 1)uploads your file to backend and processes it to find the plagiarism percentages between

the constituent files

2) you are expected to upload a zip file here.

3) all your files to be tested should be directly inside this zip. i.e they should not be present inside a folder in the zip

4)

- **func_code=5** then the file sent in request data will be saved as **stub file**
- **func_code = 0 or 1 or 2 or 3** the file sent in request data is saved as **zip file** and will be processed as described below
- **func_code=0** then files uploaded will be processed as if they are **text files** and **no stub code** given
- **func_code=1** then files uploaded will be processed as if they are **C++ files** and **no stub code** given
- **func_code=2** then files uploaded will be processed as if they are **text files** with **stub code** given
- **func_code=3** then files uploaded will be processed as if they are **C++** with **stub code** given

5) **Caution:** the moment you upload a new zip file all your old results are lost.

7)/download/{filename}/:

Method: GET

Parameters: None

Return: downloads the processed Results of the input file you have given

(Note that the filename in the endpoint should be same as the one you have uploaded)

Headers: {header=HttpHeaders ({“Authorization”: ‘JWT’ + (your Current Token Object's key)}),
observe: ‘body’, responsetype: ‘arraybuffer’ as ‘json’}

Description:

1) downloads the results on the zip that you have uploaded

2) downloaded folder consists of a csv file showing the plagiarism percentages between

The files arranged in descending order, Folder also has a image showing the plagiarism

Percentages between files shown as a matrix