

JinaRates Api doc

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Used Libraries

Django: a python library that provides us with web applications and databases

Pillow: a python library that helps for working with pictures (for profile pictures)

Django Rest FrameWork: django side library to use restAPI for our web app

Djoser: a power full python library that works with rest api for user authentication

DataBase

We used sqlite for this project (we needed a simple database for this project)

Api Endpoints

Authentication

- `/users/`
- `/users/me/`
- `/users/confirm/`
- `/users/resend_activation/`
- `/users/set_password/`
- `/users/reset_password/`
- `/users/reset_password_confirm/`
- `/users/set_username/`
- `/users/reset_username/`
- `/users/reset_username_confirm/`
- `/token/login/` (Token Based Authentication)
- `/token/logout/` (Token Based Authentication)
- `/jwt/create/` (JSON Web Token Authentication)
- `/jwt/refresh/` (JSON Web Token Authentication)
- `/jwt/verify/` (JSON Web Token Authentication)

DataBase

- `/members/university`
- `/members/course/`
- `/members/student/`
- `/members/professor/`

Unit Tests

DateBase tests

url	test	method	result
/members/student/	test_get_students	get	OK
/members/professors/	test_get_professors	get	OK
/members/university/	test_get_university	get	OK
/members/course	test_get_university	get	OK
/members/student	test_post_student_already_exist	post	OK

Authentication tests

url	test	method	result
/auth/users	<pre>test_create_new_user</pre>	post	OK
/auth/users/	<pre>test_create_new_user_bad_request</pre>	post	OK
/auth/users/	<pre>test_create_new_user_useed_username</pre>	post	OK
/jwt/create	<pre>test_login</pre>	post	OK
/members/student	<pre>test_post_student_already_exist</pre>	post	OK