**Code:** [**https://github.com/RamazTs/ProjectBackend**](https://github.com/RamazTs/ProjectBackend) **API documentation and Endpoints:**

General Notes:

* Endpoints that have the path prefix “**public**” do not require a JWT token to access, otherwise, a token needs to be provided.
* To provide the token to the endpoint, add “**Authorization**” header to the request and add the JWT token to its value
* If there’s an error from the endpoints the general format of the error object is as follows:

{

"error": "ERROR\_EMAIL\_ALREADY\_EXISTS"

}

Object with the error key and the value displaying the reason for the error

User Endpoints:

/api/public/register

Method: POST

{

"name": required,

"lastname": required,

"password": required,

"email" : required,

"occupation": required

}

Returns the created user as a response if successful.

VALIDATION Regular expressions:

Name: "^(?=.\*[\\p{L}].\*[\\p{L}]).{2,}$"

Email: "^[a**-**zA**-**Z0**-**9][a**-**zA**-**Z0**-**9.!#$%&'\*+\\/=?^\_`{|}~-]\*@[a**-**zA**-**Z0**-**9-]{2,}(\\.[a**-**zA**-**Z0**-**9]{2,})+$

Occupation: Either “Professor” or “Student”

Password:

At least one upper case: "[A**-**Z]+"

At least one lower case: "[a**-**z]+"

At least one digit: "\\d+"

Length must be between 8 – 20 characters: "^.{8,20}$"

Response Ex:

{

"\_id": "USER-8c620c62-9efa-4211-ab3b-cd910eb91ce5",

"name": "TestName",

"lastname": "TestLastName",

"email": "test.email@email.coms",

"occupation": "STUDENT",

"registered\_at": "2024-04-17T04:24:28.973Z"

}

/api/public/login

Method: POST

{

"password": required,

"email" : required

}

Returns JWT token and userId if successful

Response Ex:

"jwt": "eyJhbGciOiJIUzUxMiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7Il9pZCI6IlVTRVItNzAwNGJiNjAtZmM2OS00MmVkLTllZDMtNzkyYjA5NTJmODllIiwibmFtZSI6IlRlc3ROYW1lIiwibGFzdG5hbWUiOiJUZXN0TGFzdE5hbWUiLCJwYXNzd29yZCI6IiQyYSQxMiRrY1RhV1pVMHlEY3lnLlNHejRZemEuSmFPVlBOT1IwTDNycW4uMk9sYkVNYlJzZlJEZlUvaSIsImVtYWlsIjoidGVzdC5lbWFpbEBlbWFpbC5jb20iLCJvY2N1cGF0aW9uIjoiU1RVREVOVCIsInJlZ2lzdGVyZWRfYXQiOiIyMDI0LTA0LTE3VDA0OjA3OjIzLjQ0NFoifSwiZXhwaXJlc0luIjo5MDAsImlhdCI6MTcxMzMyNjg5OX0.hPd-DpWsK4YDxTdOCdmOjgnsCe8AqkUl-z6ZMkClrcYPRuCNVX4MP1Bwkrl9xXUiMX-1k3pe1bhD60jnOSkjeQ",

"userId": "USER-7004bb60-fc69-42ed-9ed3-792b0952f89e"

/api/:userId

Method: GET, requires Auth

Does not require a request body.

Response Ex:

{

"\_id": "USER-7004bb60-fc69-42ed-9ed3-792b0952f89e",

"name": "TestName",

"lastname": "TestLastName",

"email": "test.email@email.com",

"occupation": "STUDENT",

"registered\_at": "2024-04-17T04:07:23.444Z"

}