**API**

**NOTE:** For all requests, if the request format is incorrect, returns 400 (Bad Request)

**User Authentication (/1/)**

**/1/signup - POST**

* Allows a user to sign up to the service

**USAGE:**

Data type: application/json

{

username: <username:string>,

password: <password:string>

}

If the user was created:

Returns 201 (Created)

If the user was not created:

Returns 500 (Server error)

**/1/login - POST**

* Allows a user to log in to the service

**USAGE:**

Data type: application\json

{

“username”: <username:string>,

“password”: <password:string>

}

If the user was logged in:

Returns 201 (Created)

**RESPONSE:**

{

“token”=<token:string>

}

If the user was not created:

Returns 500 (Ambiguous Error)

**/1/login - GET**

* Allows a user to check if they are logged in to the service

**USAGE:**

Data type: application/json

HEADERS:

Token = <token>

If the user is logged in:

Returns 202 (ACCEPTED)

**RESPONSE:**

{

“token”=<token:string>

}

If the user is not logged in:

Returns 403 (Forbidden)

**Application (/2/)**