**User Registration**

POST /register (Registers a new user).

Request

* Endpoint: /register
* Method: POST

Request Body:

* email: User's email
* password: User's password

Response

* Success:

Status Code: 302 (Redirect)

Redirect: / (Home page)

* Error:

Status Code: 500 (Internal Server Error)

Response: "Internal Server Error" (in case of server error)

**User Login**

POST /login (Logs in an existing user).

Request

* Endpoint: /login
* Method: POST

Request Body:

* email: User's email
* password: User's password

Response

* Success:

Status Code: 302 (Redirect)

Redirect: / (Home page)

* Error:

Status Code: 200 (OK)

Response: "No User Exists!!!" (in case of invalid credentials)

**User Logout**

POST /logout (Logs out the current user).

Request

* Endpoint: /logout
* Method: POST

Response

* Status Code: 302 (Redirect)
* Redirect: /login (Login page)

**Forgot Password**

GET /forgot (Displays the forgot password page).

Request

* Endpoint: /forgot
* Method: GET

Response

* Status Code: 200 (OK)
* Render: forgot (Forgot password page)

POST /forgot (Initiates the password reset process).

Request

* Endpoint: /forgot
* Method: POST

Request Body:

* email: User's email

Response

* Success:

Status Code: 302 (Redirect)

Redirect: /login (Login page)

* Error:

Status Code: 302 (Redirect)

Redirect: /forgot (Forgot password page)

**Reset Password**

GET /reset/:token (Displays the password reset page).

Request

* Endpoint: /reset/:token
* Method: GET

Path Parameters:

* token: Reset token

Response

* Success:

Status Code: 200 (OK)

Render: reset (Password reset page with token)

POST /reset/:token (Resets the user's password).

Request

* Endpoint: /reset/:token
* Method: POST

Path Parameters:

* token: Reset token

Request Body:

* newPassword: New password

Response

* Status Code: 302 (Redirect)
* Redirect: /login (Login page)

**Add Object**

GET /addObject (Displays the page for adding an object).

Request

* Endpoint: /addObject
* Method: GET

Response

* Status Code: 200 (OK)
* Render: addObject (Add object page)

POST /addObject (Adds an object for the logged-in user).

Request

* Endpoint: /addObject
* Method: POST

Request Body:

* name: Object name
* description: Object description

Response

* Success:

Status Code: 302 (Redirect)

Redirect: /getObjects (Page to view user's objects)

* Error:

Status Code: 302 (Redirect)

Redirect: /addObject (Add object page)

**Get Objects**

GET /getObjects (Displays the objects of the logged-in user).

Request

* Endpoint: /getObjects
* Method: GET

Response

* Status Code: 200 (OK)
* Render: getObjects (View objects page with user's objects)