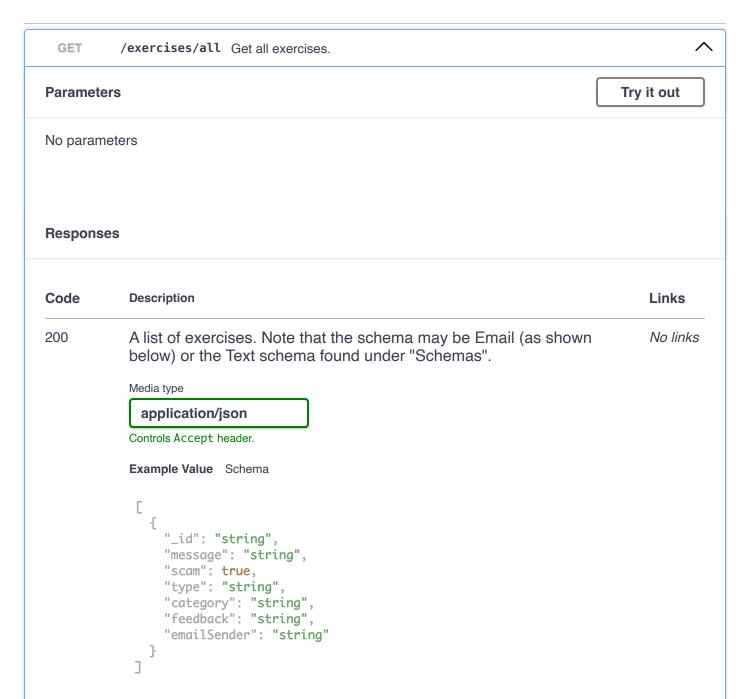
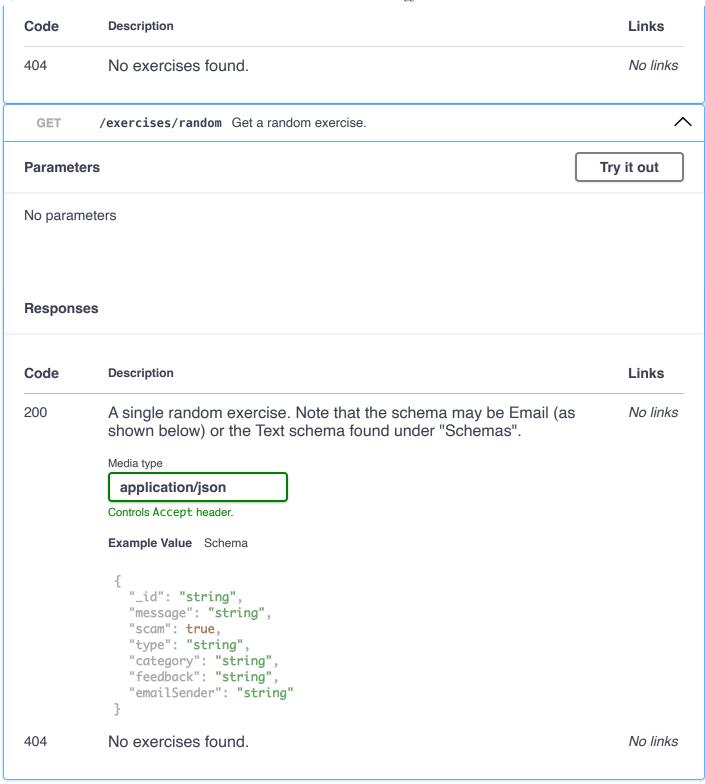


API Documentation 1.0.0 OAS 3.0

Documentation for the API endpoints and their expected inputs/outputs.

Exercises API endpoints for managing exercises.





```
GET /exercises Get a specified number of random exercises.

Parameters

Try it out
```

Name	Description	
count integer (query)	Number of random exercises to retrieve. Note that the schema may be Email (as shown below) or the Text schema found under "Schemas". Default value: 10	
	10	
Response	es	
Code	Description	Links
200	A list of random exercises.	No links
	Media type application/json Controls Accept header.	
	Example Value Schema	
	<pre>[</pre>	
	No exercises found.	No links

Resources API for managing scam resource information

GET /resources/all Get all resources.

Parameters

Try it out

No parameters

Responses

200

Code Description Links

Media type

application/json

A list of resources.

Controls Accept header.

Example Value Schema

POST /resources Create a new resource.

/\

No links

Parameters

Try it out

No parameters

Request body required

multipart/form-data

category Category of the scam resource (e.g., Phishing, Malware) string

content Description of the scam and its techniques
string

links Array of URLs containing relevant information on the scam

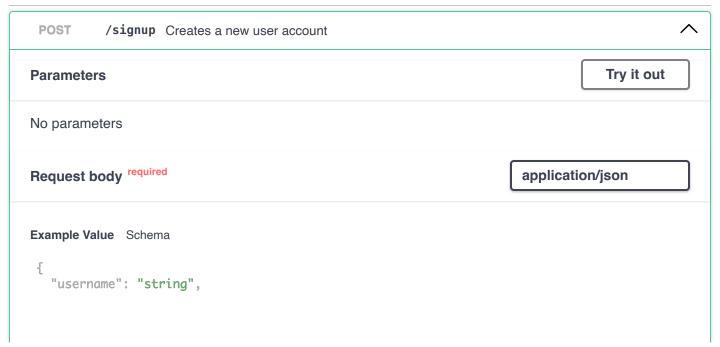
array

Base64 encoded image data (optional) image string Responses Code Description Links The newly created resource object. No links 201 Media type application/json Controls Accept header. Example Value Schema "_id": "string", "category": "string", "content": "string", "links": ["string"

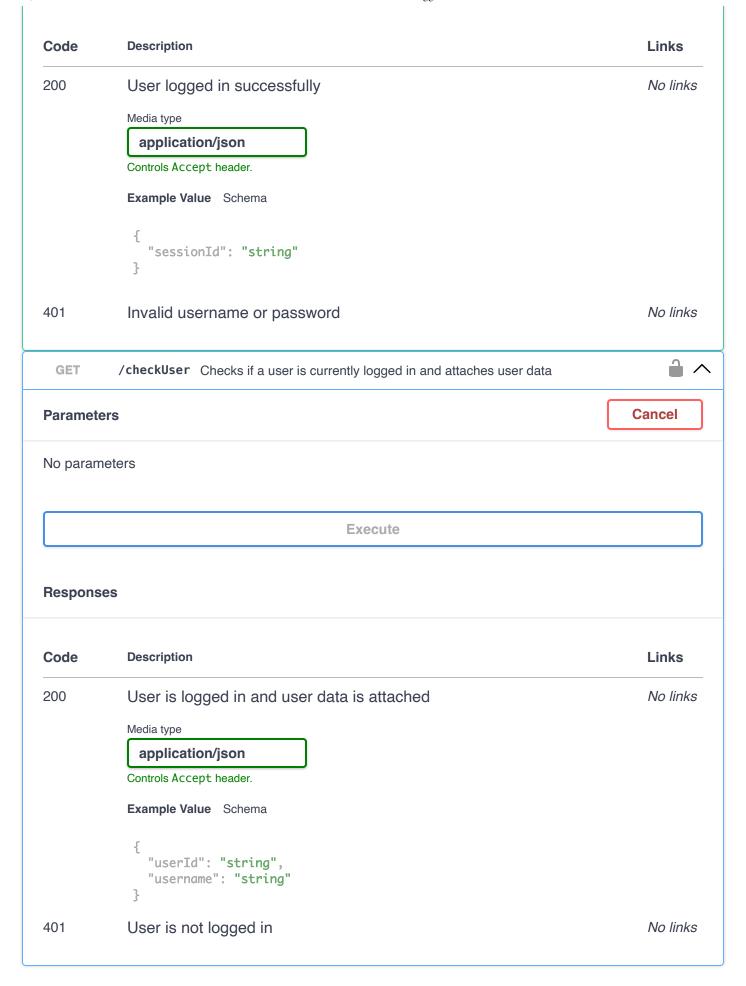
Session User session management endpoints

}

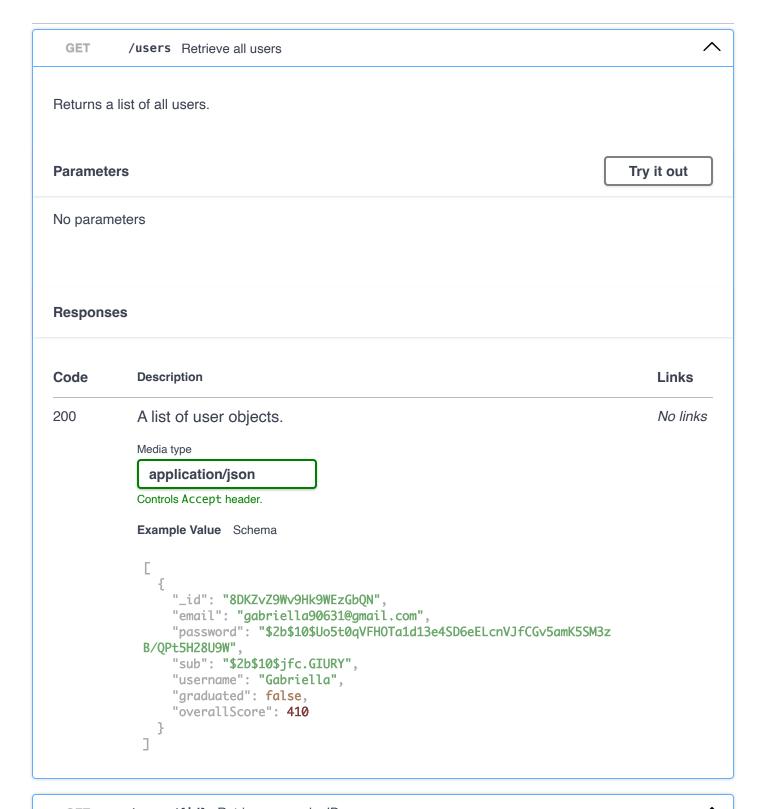
"image": "string"



```
"password": "string"
Responses
Code
            Description
                                                                                         Links
201
            User created successfully
                                                                                         No links
            Media type
              application/json
            Controls Accept header.
            Example Value Schema
               "userId": "string"
400
            Bad request (e.g., missing username or password)
                                                                                         No links
                                                                                         No links
409
            Username already exists
 POST
           /login Logs in a user and creates a session
                                                                                     Try it out
Parameters
No parameters
Request body required
                                                                        application/json
Example Value Schema
  "username": "string",
  "password": "string"
Responses
```



Users API for managing users



GET /users/{id} Retrieve a user by ID

Returns a single user object by their unique ID.

Parameters

Try it out

Name Description

id * required

Unique identifier of the user.

string
(path)

8DKZvZ9Wv9Hk9WEzGbQN

Responses

Code Description Links

200 A user object. No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
{
  "_id": "8DKZvZ9Wv9Hk9WEzGbQN",
  "email": "gabriella90631@gmail.com",
  "password": "$2b$10$Uo5t0qVFHOTa1d13e4SD6eELcnVJfCGv5amK5SM3zB/Q
Pt5H28U9W",
  "sub": "$2b$10$jfc.GIURY",
  "username": "Gabriella",
  "graduated": false,
  "overallScore": 410
}
```

404 User not found.

No links

Media type

application/json

Example Value Schema

```
{
   "error": "User not found"
}
```

PUT /users/{id} Update a user's score or other properties.





Schemas

```
User
   _id*
                            string
                        example: 8DKZvZ9Wv9Hk9WEzGbQN
                        The unique identifier for the user.
   email*
                            string
                        example: gabriella90631@gmail.com
                        The user's email address.
   password*
                            string
                        example:
                        $2b$10$Uo5t0qVFHOTa1d13e4SD6eELcnVJfCGv5amK5SM3zB/QPt5H28U9W
                        The user's hashed password.
   sub*
                            string
                        example: $2b$10$jfc.GIURY
                        The user's subject identifier.
   username*
                            string
                        example: Gabriella
                        The user's chosen username.
   graduated*
                            boolean
                        example: false
                        Indicates if the user has graduated.
   overallScore*
                            integer
                        example: 410
                        The user's cumulative score.
}
```

```
Email
         {
   _id
                            string
                        Unique identifier for the email object
   message
                            string
                        Full email content, including subject and body
   scam
                            boolean
                        Indicates if the email is flagged as a scam
   type
                            string
                        Type of the message (e.g., email, sms)
   category
                            string
                        Category associated with the email (e.g., online_shopping,
                        social)
   feedback
                            string
                        Feedback about the email, if any (e.g., reason for scam flag)
   emailSender
                            string
                        Email address of the sender
}
Text
   _id
                            string
                        Unique identifier for the email object
   message
                            string
                        Full message content, including subject and body
   scam
                            boolean
                        Indicates if the message is flagged as a scam
   type
                            string
                        Type of the message (e.g., email, sms)
   category
                            string
                        Category associated with the message (e.g., online_shopping,
                        social)
   feedback
                        Feedback about the email, if any (e.g., reason for scam flag)
   phoneNumber
                            string
                        Email address of the sender
}
```

```
ResourceDocument
                        {
   _id
                           string
                        Unique identifier for the resource
   category
                           string
                        Category of the scam resource (e.g., Phishing, Malware)
   content
                           string
                        Description of the scam and its techniques
   links
                        Array of URLs containing relevant information on the scam
                           [...]]
   image
                           string
                        Base64 encoded image data (optional)
}
```