TUTORINGTRAIN WEBSERVICE V1.8.3

REST-DOKU

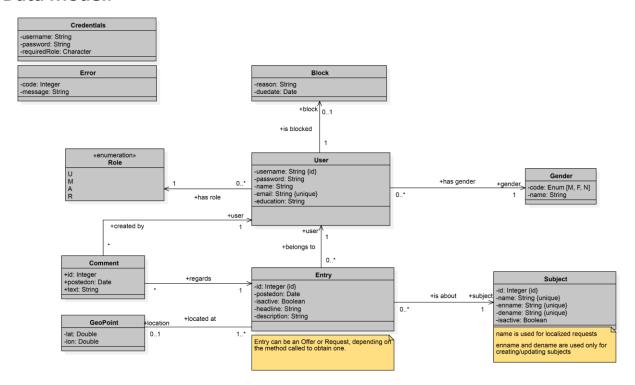
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GENERAL

Data Model:



Only JSON format is supported.

All JSON attributes marked in THIS COLOR are optional.

Date format is: "yyyy-MM-dd'T'hh:mm:ssZ"
Example: 2017-09-03T09:45:12+0200

METHODS

[1] SECURITY & AUTHENTICATION

Authentication is managed via session tokens. This is a randomly generated 32-character string which is used to identify the logged in user.

1. Obtaining a session token

Note: A new session token is generated every time this method is called with valid credentials.

A token expires 24 hours after its creation.

Request

Method	URL	Role
POST	url/authentication	None

MediaType	Sample Request Body
application/json	{
	"username": "testuser",
	"password": "098f6bcd4621d373cade4e832627b4f6",
	"requiredRole": "A"
	}

Status	Response	
200	654d4e57c9a868dd87759268b225ae44	
401	Password and/or username are invalid.	
403	User cannot authenticate himself in current context. (eg. normal user tries to log in with	
	admin tool → set requiredRole attribute for this to work)	
450	User is currently blocked. (Reason is given in response body)	

2. Using the session token

Once a session token has been acquired it can be used to call all other methods. An exception is registering a User as this method does not require any authentication.

For every request the token has to be placed in the "Authorization"-Header in the following format:

"Bearer <token>"

Example:

Key	Value
Authorization	Bearer 4d8068152f82f0ae9ed117365db71cec

A method called without a session token returns **401** HTTP status.

If **401** is returned when a session token was provided it can be assumed that the token has expired or is invalid. In this case you can try to acquire a new token.

If **403** is returned the user associated with the session key has insufficient privileges to perform that method.

If **450** is returned the user associated with the session key has been blocked.

If **451** is returned, the provided JSON-text is invalid. Further details might be given in the returned

If **422** is returned, a provided value violated a constraint. Further details might be given in the returned Error.

If **500** is returned an unknown error happened. Further details might be given in the returned Error.

These response codes apply to all methods described below but are not mentioned there. Only method-specific response codes are listed.

3. Validating the session token

A session token can be validated using the method described below. This is useful since clients can use this feature to check whether a previously obtained, cached token is still valid. (Set token in Authorization header for this check)

Request

Method	URL	Role
POST	url/authentication/check	User

MediaType	Sample Request Body
application/json	{
	"requiredRole": "A"
	}

Response

Status	Response	
200	The token is still valid	
401	The token is not valid (see returned Error for further information)	
403	The user belonging to the session token does not have the required role	
	(set requiredRole in request body for this to work)	

4. User roles

This System currently supports four roles:

User (U), Moderator (M), Admin (A) and Root (R)

These roles extend the privileges of their inferior roles, this means a Moderator can perform all actions a User can, and an Admin can perform all actions a Moderator can.

The Root can perform all actions, including degrading Admins.

Both the role Admin and Root are considered to be "Admins".

[2] ERROR HANDLING AND LOCALIZATION

In the event of an error / exception, an Error object of the following structure is returned:

```
{
    "code": <error code>,
    "message": <error message>
}
```

The following error codes exist:

Descrption Unknown error – further details might be given in message Admin only – happens when user without Admin role tries to authenticate w set to 'A' Token invalid – the authentication token does not exist Token expired – the authentication token has expired	when "requiredRole" is	
 Admin only – happens when user without Admin role tries to authenticate w set to 'A' Token invalid – the authentication token does not exist Token expired – the authentication token has expired 	vhen "requiredRole" is	
set to 'A' Token invalid – the authentication token does not exist Token expired – the authentication token has expired	vnen requireakole is	
3 Token invalid – the authentication token does not exist 4 Token expired – the authentication token has expired		
4 Token expired – the authentication token has expired		
5 Insufficient privileges – the user does not have to required role to perform the	his action	
6 Username is null – No username was given		
7 Name is null – No name was given (e.g. Create Subject)		
8 User is null – No user was given		
9 Offer is null – No offer was given		
10 Gender is null – No gender was given		
11 Subject is null – No subject was given		
12 User not found – The user was not found		
13 Subject not found – The subject was not found		
14 Offer of user not found – The offer with given id doesn't exist or wasn't creat	ted by given user	
15 Gender not found – The gender was not found		
16 Invalid email – The given email is of an invalid format		
17 Query parameters missing – "start" and "pageSize" query parameters were r	not provided	
18 Subject name conflict – The subject name already exists		
19 Username conflict – The username is not available (already in use)		
20 Email conflict – The email is not available (already in use)		
21 Cannot block own user		
22 Cannot unblock own user		
23 Cannot block other admins		
24 Authentication failed – Invalid credentials were provided		
25		
26 Blocked – The user is blocked from using the application		
27 Blocked The user is blocked from using the application		
28		
29 Invalid JSON – The provided JSON-Request is malformed		
30 Constraint violation – As provided parameter violates a constraint (see messinformation)	sage for more specific	
31 Unsupported Media Type – The provided media type is not PNG or JPG/JPEG	G.	
32 Subject not active – The provided subject is not active and hence cannot be	used.	
33 Start < 0 – The start parameter provided in the query string is < 0		
34 Page Size <= 0 – The pageSize parameter provided in the query string is <= 0		
35 Offer not found – The offer with given id doesn't exist		
36 Subject is used – The subject is used and hence cannot be deleted. (Use Upd	late to deactive)	
37 Illegal Role – A illegal role was specified (not U, M or A)		
38 Degrade Admin – Cannot degrade another Admin		
39 Degrade Own User – Cannot set the role of the own user		
40 Request not found – The request with given id doesn't exist		
41 Request of user not found – The request with given id doesn't exist or wasn't	t created by given user	
42 XMPP Error – An error occurred during some operation (create user,) on the		
43 Cannot set Root role – This role can only be set directly in the Database.		

44	Comment not found – The comment with the given ID does not exist	
45	Comment of user not found – The comment with the given ID does not exist or was not created by	
	calling user	
46	Invalid Value – An invalid value was provided (e.g. alphanumeric characters for number)	
	NOTE: This does not apply for JSON -Strings, only for other parameters (e.g. ID in as pathparam)	
47	Entry not found – The Entry with the given ID was not found (no difference made between Offer	
	and Request)	

While the "code" identifies the error, the "message" attribute provides a more detailed description of the error.

To receive a **localized error message**, set the "Accept-Language"-HTTP Header to the desired language. Currently only English (**en**) and German (**de**) are supported.

If no "Accept-Language" — Header is provided, English is used by default.

[3] USER RESOURCE

1. Register User

Request

Method	URL	Role
POST	url/user/register	None

MediaType	Sample Request Body
application/json	{
	"name": "Kevin Paul",
	"username": "kevin",
	"email": "kevin.paul@gmx.at",
	"password": "098f6bcd4621d373cade4e832627b4f6",
	"education": "HTL",
	"gender": "F"
	}

Response

Status	Response
200	{ "username": "kevin", "role": "U",
	"email": "kevin.paul@gmx.at", "name": "Kevin Paul", "education": "HTL", "gender": "F"
409	Username already exists.

Note: If no password is given, the user is assigned a random 8-character long alphanumeric password. This password is send in the welcome email to the given email address.

2. Get all Users

Request

Method	URL	Role
GET	url/user/all	User

Parameters

Туре	Name	Description
Query	start	Start index of users to get
Query	pageSize	Maximum number of offers

Response

```
Status
         Response
200
           "username": "kevin",
           "role": "U",
           "email": "kevin.paul@gmx.at",
           "name": "Kevin Paul",
           "education": "HTL",
           "gender": "F"
           "username": "test",
           "role": "U",
           "email": "santnere@edu.htl-villach.at",
           "name": "wacco",
           "education": "HTL",
           "gender": "M",
           "block": {
            "reason": "test"
           "username": "wacco",
           "role": "A",
           "email": "santnere@edu.htl-villach.at",
           "name": "wacco",
           "education": "HTL",
           "gender": "N"
455
         Invalid Query String parameters
```

Note: Email is only returned if user is an Admin.

3. Get own User

Request

Method	URL	Role
GET	url/user	User

```
Status Response

200 {
    "username": "wacco",
    "role": "A",
    "email": "santnere@edu.htl-villach.at",
    "name": "wacco",
    "education": "HTL",
    "gender": "M"
    }
```

4. Get single User

Request

Method	URL	Role
GET	url/user/single/{username}	User

Parameters

Туре	Name	Description
Path	username	Username of user to get

Response

```
Status Response

200 {
    "username": "wacco",
    "role": "A",
    "email": "santnere@edu.htl-villach.at",
    "name": "wacco",
    "education": "HTL",
    "gender": "M"
    }

453 User not found
```

Note: Email is only returned if user is an Admin.

5. Update any User

Request

Method	URL	Role
PUT	url/user/update	Admin

MediaType	Sample Request Body
application/json	}
	"username": "kevin",
	"name": "Paul Kevin",
	"email": "coolerkev@gmx.at",
	"password": "9d5e3ecdeb4cdb7acfd63075ae046672",
	"education": "HTL",
	"gender": "N"
	}

Status	Response
200	
453	User not found

6. Update own User

Request

Method	URL	Role
PUT	url/user/update/own	User

MediaType	Sample Request Body
application/json	{ "name": "Elias Santner", "email": "santnere@edu.htl-villach.at", "password": "098f6bcd4621d373cade4e832627b4f6", "education": "HTL", "gender": "N"
	}

Status	Response
200	

7. Set Role

Request

Method	URL	Role
PUT	url/user/role/{username}	Admin

Parameters

Туре	Name	Description
Path	username	Username of user to set role of

MediaType	Sample Request Body
application/json	{
	"role": "U"
	}

Response

Status	Response
200	
401	Unauthorized, cannot degrade other admins or own user
453	User not found

Note: The Role Root (R) <u>cannot</u> be set via this method.

8. Block User

Request

Method	URL	Role
POST	url/user/block	Admin

MediaType	Sample Request Body
application/json	{
	"username": "test",
	"reason": "test",
	"duedate": "2017-09-03T09:45:12+0200"
	}

Status	Response
200	
456	Error blocking user. (Further details may be provided via body)
453	User not found

9. Unblock User

Request

Method	URL	Role
GET	url/user/unblock/{username}	Admin

Parameters

Туре	Name	Description
Path	Username	Username of user to unblock

Status	Response
200	
453	User not found

10. Get all Genders

Request

Method	URL	Role
GET	url/user/gender	User

11. Get User Count

Request

Method	URL	Role
GET	url/user/count	User

Status	Response
200	10

12. Get Avatar

Request

Method	URL	Role
GET	url/user/avatar/{username}	User

Status	Response
200	Avatar is returned with format "image/jpg"
204	User has no avatar
453	User not found

13. Get Own Avatar

Request

Method	URL	Role
GET	url/user/avatar	User

Status	Response
200	Avatar is returned with format "image/jpg"
204	User has no avatar

14. Set Avatar

Request

Method	URL	Role
POST	url/user/avatar	User

MediaType	Sample Request Body
multipart form	See example Java program (6.1)
data	

Status	Response
200	Avatar is returned with format "image/jpg"
204	User has no avatar

15. Reset Own Avatar

Request

Method	URL	Role
DELETE	url/user/avatar	User

Status	Response
200	

16. Reset Avatar

Request

Method	URL	Role
DELETE	url/user/avatar/{username}	Admin

Status	Response
200	
453	User not found

17. Reset Properties of own User

Request

Method	URL	Role
POST	url/user/reset	User

MediaType	Sample Request Body
application/json	["education", "name"]

Possible Properties

Education, Name

Status	Response
200	
451	Invalid property provided

18. Reset Properties of any User

Request

Method	URL	Role
POST	url/user/reset/{username}	Admin

MediaType	Sample Request Body
application/json	["education", "name"]

Possible Properties

Education, Name

Status	Response
200	
451	Invalid property provided
453	User not found

19. Reset Password

Request

Method	URL	Role
PUT	url/user/resetPw/{username}	Admin

Response

Status	Response
200	
451	Invalid property provided
453	User not found

Note: This method sets the selected user's password to a random 8-character-long string. The new password is sent to the user's email address.

20. Searching

Request

Method	URL	Role
POST	url/user/search	Admin

Parameters

Туре	Name	Description
Query	start	Start index of users to get
Query	pageSize	Maximum number of offers

```
MediaType
                   Sample Request Body
application/json
                    "criteria": [
                      "key": "USERNAME",
                      "value": "Adm",
                      "operation": "CONTAINS",
                      "ignoreCase": true
                      "key": "USERNAME",
                      "value": "in",
                      "not": true,
                      "operation": "ENDS_WITH",
                      "ignoreCase": true
                     },
                      "key": "GENDER",
                      "value": "U",
                      "not": true,
                      "operation": "EQ"
                     }
                    ],
                    "order": [
                      "prop": "USERNAME",
                      "direction": "ASC"
                     }
```

Response

Status	Response
200	A list of all found users is provide in the response body, similar to "Get All Users"
451	Invalid property provided, e.g. Key 'XY' or Operation 'adfgsdg'
455	Invalid Query String parameters

All given criteria must be met for a user to be returned.

Keys

Name	Туре
USERNAME	STRING
NAME	STRING
EDUCATION	STRING
ROLE	CHAR
GENDER	CHAR

Operations

Туре	Operations
STRING	EQ
	CONTAINS
	STARTS_WITH
	ENDS_WITH
CHAR	EQ

Order Directions

Direction	on Control of the Con
ASC	
DESC	

[4] ENTRY RESOURCES

Offers and Requests are both entries, and since this service offers the same methods for both types of entries they are only described once.

To call a method for offers / requests, use the provided URL and replace the **<entryType>** placeholder with **offer** / **request**.

1. Create Entry

Request

Method	URL	Role
POST	url/ <entrytype></entrytype>	User

```
MediaType
application/json

{
    "description": "This is just a test offer",
    "headline": "Test offer",
    "subject": {
        "id": 3
        },
        "location": {
        "lon": -45.6545,
        "lat": 5.7894
        }
    }
```

```
Status
          Response
200
           "id": 1,
           "postedon": "2017-10-04T07:18:39+0200",
           "isactive": true,
           "description": "This is just a test offer",
           "headline": "Test offer",
           "subject": {
            "id": 1,
            "name": "Englisch",
            "isactive": true
           "user": {
            "username": "wacco"
           "location": {
            "lon": -45.6545,
            "lat": 5.7894
          }
         Subject not found
452
457
         Subject is not active
```

2. Update Entry

Request

Metho	d	URL	Role
PUT		url/ <entrytype></entrytype>	User

```
MediaType
application/json

{
    "id": 1,
    "isactive": false,
    "description": "This is just a test offer",
    "subject": {
        "id": 1
        },
        "headline": "Test offer",
        "location": {
        "lon": -45.6545,
        "lat": 5.7894
        }
    }
```

Response

Status	Response
200	
452	Subject not found
454	Entry not found
457	Subject is not active

Note: Only Admins can update entries of other users. If a Moderator or normal User tries to update an entry not created by himself, an error is returned.

3. Reset Properties of Entry

Request

Method	URL	Role
POST	url/ <entrytype>/reset/{id}</entrytype>	Admin

MediaType	Sample Request Body
application/json	["duedate"]

Possible Properties

Duedate, Location

Response

Status	Response
200	
451	Invalid property provided
454	Entry not found

Note: Only Admins can reset properties of entries other users created. If a Moderator or normal User tries this, an error is returned.

4. Get newest Entries

Request

Method	URL	Role
GET	url/ <entrytype>/new</entrytype>	User

Parameters

Туре	Name	Description
Query	start	Start index of entries to get
Query	pageSize	Maximum number of entries

```
Status
         Response
200
            "id": 2,
            "postedon": "2017-10-04T07:27:58+0200",
            "isactive": true,
            "description": "This is just a test offer",
            "headline": "Test offer 2",
            "subject": {
             "id": 1,
             "name": "Englisch",
             "isactive": true
           },
            "user": {
            "username": "wacco"
           }
          },
            "postedon": "2017-10-04T07:18:39+0200",
            "isactive": false,
            "description": "This is just a test offer",
           "headline": "Test",
            "subject": {
             "id": 1,
             "name": "Englisch",
             "isactive": true
            },
            "user": {
             "username": "wacco"
            "location": {
            "lon": -45.6545,
             "lat": 5.7894
          }
         Query parameters were not given
```

5. Get newest Entries of User

Request

Meth	hod	URL	Role
GET		url/ <entrytype>/new/{username}</entrytype>	User

Parameters

Туре	Name	Description
Path	Username	Username of user to get newest entries of
Query	start	Start index of entries to get
Query	pageSize	Maximum number of entries

```
Status
         Response
200
           "id": 2,
            "postedon": "2017-10-04T07:27:58+0200",
           "isactive": true,
            "description": "Test offer 2",
            "subject": {
            "id": 1,
             "name": "Englisch",
             "isactive": true
            "user": {
            "username": "wacco"
            },
            "location": {
            "lon": -45.6545,
            "lat": 5.7894
           }
          },
            "id": 1,
            "postedon": "2017-10-04T07:18:39+0200",
            "isactive": false,
            "description": "This is just a test offer",
            "subject": {
            "id": 1,
             "name": "Englisch",
            "isactive": true
            "user": {
            "username": "wacco"
           }
453
         User not found
455
         Query parameters were not given
```

6. Get Entry Count

Request

Method	URL	Role
GET	url/ <entrytype>/count</entrytype>	

Status	Response
200	10

7. Get Comments of Entries

Request

Method	URL	Role
GET	url/ <entrytype>/{entryID}/comments</entrytype>	User

Parameters

Type	Name	Description
Path	entryID	ID of the Offer/Request to get the comments of

```
Status
        Response
200
           "id": 2,
           "postedon": "2017-12-22T12:06:28+0100",
          "text": "test comment",
           "user": {
           "username": "admin"
          }
           "id": 4,
           "postedon": "2017-12-22T14:16:28+0100",
           "text": "another comment",
          "user": {
           "username": "someuser"
404
        Entry not found
```

8. Create Comment

Request

Method	URL	Role
POST	url/ <entrytype>/{entryID}/comments</entrytype>	User

MediaType	Sample Request Body
application/json	{ "text": "Testcomment" }

9. Update Comment

Request

Method	URL	Role
PUT	url/ <entrytype>/{entryID}/comments</entrytype>	User

MediaType	Sample Request Body
application/json	{
	"id": 2,
	"text": "TEST"
	}

Response

Status	Response
200	
404	Offer/Request not found

Note: Admins can update any Comment, non-admin users can only update comments created by themselves.

10. Delete Comment

Request

Method	URL	Role
DELETE	url/ <entrytype>/{entryID}/comments/{commentId}</entrytype>	User

Response

Status	Response
200	
404	Offer/Request not found

Note: Admins can delete any Comment, non-admin users can only delete comments created by themselves.

11. Searching

Request

Method	URL	Role
POST	url/ <entrytype>/search</entrytype>	User

Parameters

Туре	Name	Description
Query	start	Start index of entries to get
Query	pageSize	Maximum number of entries

```
MediaType
                    Sample Request Body
application/json
                    "criteria": [
                       "key": "ISACTIVE",
                       "value": true,
                       "not": false,
                      "operation": "EQ"
                       "key": "POSTEDON",
                      "value": "2017-10-20T12:00:00+0200",
                       "not": false,
                       "operation": "BEFORE_EQ"
                       "key": "DESCRIPTION",
                       "value": "you",
                       "not": false,
                       "operation": "CONTAINS"
                      },
                       "key": "LOCATION",
                       "value": {
                        "lon": -45.6545,
                        "lat": 5
                       "not": false,
                       "operation": "INSIDE",
                       "radius": 100
                     }
                    ],
                     "order": [
                       "key": "POSTEDON",
                      "direction": "DESC"
```

Response

Status	Response
200	A list of all found entries is provide in the response body, similar to "Get Newest Entries"
451	Invalid property provided, e.g. Key 'XY' or Operation 'adfgsdg'
455	Invalid Query String parameters

All given criteria must be met for an entry to be returned.

Keys

Name	Туре
ID	NUMBER
POSTEDON	DATE
ISACTIVE	BOOLEAN
DESCRIPTION	STRING
HEADLINE	STRING
SUBJECT	NUMBER
USERNAME	STRING
LOCATION	SPATIAL

Operations

Туре	Operations
STRING	EQ
	CONTAINS
	STARTS_WITH
	ENDS_WITH
DATE	EQ
	BEFORE (does NOT include date)
	AFTER (does NOT include date)
	BEFORE_EQ (does include date)
	AFTER_EQ (does include date)
BOOLEAN	EQ
NUMBER	EQ
	GT
	LT
	GTE
	LTE
SPATIAL	INSIDE (searches for entries inside the given radius)
(see Sample Request Body)	INSIDE_NULL (same as INSIDE, but entries with no
	location are returned as well)

Order Directions

Direct	ion
ASC	
DESC	

[5] SUBJECT RESOURCE

1. Create Subject

Request

Method	URL	Role
POST	url/subject	User

MediaType	Sample Request Body
application/json	{
	"dename": "Programmieren",
	"enname": "Programming"
	}

Response

Status	Response	
200	{	
	"id": 2,	
	"name": "Programmieren"	
	}	
409	Subject name already exists	

Note: If an Admin creates a Subject, it will be active. If a User or Moderator creates a Subject it will be inactive until activated by an Admin via the "Update Subject" method.

2. Update Subject

Request

Method	URL	Role
PUT	url/subject	Admin

MediaType	Sample Request Body
application/json	{
	"id": 4,
	"dename": "Mathe",
	"enname": "Maths",
	"isactive": true
	}
	·

Response

Status	Response
200	
452	Subject not found
409	Subject name already exists

Note: Setting "isactive" to false disables the use of a subject in Create Offer / Update Offer. Offers already referencing this subject remain untouched.

3. Delete Subject

Request

Method	URL	Role
DELETE	url/subject/{id}	Admin

Parameters

Type	Name	Description
Path	Id	Id of subject to delete

Response

Status	Response	
200		
452	Subject not found	
458	Subject is in use and cannot be deleted	

Note: This method completely removes a subject. This only works if the subject is not used anywhere. To disable a used subject, please set "isactive" to false with Update Subject.

4. Get all Subjects

Request

Method	URL	Role
GET	url/subject/all	User

5. Get all active Subjects

Request

Method	URL	Role
GET	url/subject	User

6. Get all inactive Subjects

Request

Method	URL	Role
GET	url/subject/inactive	Admin

7. Get Subject Count

Request

Method	URL	Role
GET	url/subject/count	User

Status	Response
200	3

[6] EXAMPLES

1. Java code snippet to upload Avatar:

```
File file 2 upload = new File ("D:\Elias\Desktop\1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131143-Mini360-1612131-Mini560-161213-Mini560-161213-Mini560-161213-Mini560-161213-Mini560-161213-Mini560-161213-Mini560-161213-Mini560-161213-Mini560-16121-Mini560-16121-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-Mini560-1612-M
Sokrates\\20241720090151.jpg");
             RequestBody requestBody = new MultipartBody.Builder()
                     .setType(MultipartBody.FORM)
                     .addPart(
                             Headers.of("Content-Disposition", "form-data; name=\"name\""),
                             RequestBody.create(null, file2upload.getName()))
                     .addPart(
                             Headers.of("Content-Disposition", "form-data; name=\"file\""),
                             RequestBody.create(MEDIA_TYPE_PNG, file2upload))
                     .build();
             Request request = new Request.Builder()
                     .header("Authorization", "Bearer f14a84d2958f26e400121c36f11ff1d")
                     .url("http://localhost:51246/TutoringTrainWebservice/services/user/avatar")
                     .post(requestBody)
                     .build();
             Response response = client.newCall(request).execute();
```