

## API DOCUMENTATION FOR:

REGISTERING

LOGGING IN

LOGGING OUT

ADDING A REVIEW

GETTING A REVIEW

DELETING A REVIEW

ADDING A FRIEND

GETTING FRIENDS

REMOVING FRIENDS

GETTING USERS

UPDATING PROFILE PICTURE

## Return Error Format

Return type	JSON Object
Basic Return JSON	<pre>{   "status": "error",   "timestamp" : int   "message": "Error message" }</pre>

## Return Success Format

Return type	JSON Object
Basic Return JSON - data is an array	<pre>{   "status": "success",   "timestamp" : int   "data": [ {}, {}, {} ] OR {} OR String //it will be one of these }</pre>

## Register.php

URL	http://localhost/221/Prac5/COS221-Practical-5-GROUP-23/api/Register.php
Method	POST

Parameters should be passed in a JSON Object			
Parameter Name	Required	Type	Description
name	*	String	
username	*	String	
age	*	Int	
email	*	String	
password	*	string	

## Return

Return type	JSON Object
Return description	Object with the user's username and profile picture number

## Examples

Post Body	Return
<pre>{   "name" : "somename",   "username" : "someusername",   "age" : 21,   "email" : "email@gmail.com",   "password" : "P@ssw0rd" }</pre>	<pre>{   "status": "success",   "timestamp": 1716406149,   "data": {     "username": "someusername",     "profile_picture": 1   } }</pre>

## Login.php

URL	http://localhost/221/Prac5/COS221-Practical-5-GROUP-23/api/Login.php
Method	POST

Parameters should be passed in a JSON Object			
Parameter Name	Required	Type	Description
email	*	String	
password	*	String	

## Return

Return type	JSON object
Return description	Object with the user's username and profile picture number

Post Body	Return
<pre>{   "email": "email@gmail.com",   "password": "P@ssw0rd" }</pre>	<pre>{   "status": "success",   "timestamp": 1716571980,   "data": {     "username": "someusername",     "profile_picture": 1   } }</pre>

## Logout.php

URL	http://localhost/221/Prac5/COS221-Practical-5-GROUP-23/api/Logout.php
Method	GET

## Example

Return type	JSON Object
Basic Return JSON	<pre>{   "status": "success",   "timestamp": 1716406102,   "data": "Logout successful" }</pre>

## AddReview.php

URL	http://localhost/221/Prac5/COS221-Practical-5-GROUP-23/api/addReview.php
Method	POST

Parameters should be passed in a JSON Object			
Parameter Name	Required	Type	Description
starRating		Float	
mediaID	*	Int	
comment		String	

## Note

At least one of {starRating, comment} must be present in the post body.

## Examples

Post Body	Return
<pre>{   "starRating": 1,   "comment": "its okay i guess",   "mediaID": 99077 }</pre>	<pre>{   "status": "success",   "timestamp": 1716406634,   "data": {     "reviewID": 28,     "starRating": 1,     "comment": "its okay i guess",     "media": 99077   } }</pre>

Add review with no star rating

Post Body - No star rating	Return
<pre>{   "comment": "another one",   "mediaID": 99077 }</pre>	<pre>{   "status": "success",   "timestamp": 1716459882,   "data": {     "reviewID": 29,     "starRating": 0,     "comment": "another one",     "media": 99077   } }</pre>

Add review with no comment

Post Body - No comment	Return
<pre>{   "starRating": 5,   "mediaID": 99077 }</pre>	<pre>{   "status": "success",   "timestamp": 1716459941,   "data": {     "reviewID": 30,     "starRating": 5,     "comment": null,     "media": 99077   } }</pre>

## GetReviews.php

URL	http://localhost/221/Prac5/COS221-Practical-5-GROUP-23/api/GetReviews.php
Method	POST

### Get reviews by a specific user

Parameters should be passed in a JSON Object			
Parameter Name	Required	Type	Description
username	*	String	
limit		Int	

Post Body	Return
<pre>{   "username": "john_doe",   "limit": 3 }</pre>	<pre>{   "status": "success",   "timestamp": 1716406634,   "data": [     {       "username": "john_doe",       "profile_picture": 1,       "title": "Dirty Harry",       "mediaID": 66999,       "reviewID": 1,       "starRating": 5,       "comment": "Great movie, loved it!"     },     //more reviews   ] }</pre>

## Get reviews for a specific title/medialD

Parameters should be passed in a JSON Object			
Parameter Name	Required	Type	Description
medialD	*	Int	
limit		Int	

Post Body	Return
<pre>{   "medialD": 66999,   "limit": 3 }</pre>	<pre>{   "status": "success",   "timestamp": 1716406634,   "data": [     {       "username": "john_doe",       "title": "Dirty Harry",       "medialD": 66999,       "reviewID": 1,       "starRating": 5,       "comment": "Great movie, loved it!"     },     //more reviews   ] }</pre>



## DeleteReview.php

URL	http://localhost/221/Prac5/COS221-Practical-5-GROUP-23/api/DeleteReview.php
Method	POST

Parameters should be passed in a JSON Object			
Parameter Name	Required	Type	Description
reviewID	*	Int	

## Examples

Post Body	Return
<pre>{   "reviewID": 17 }</pre>	<pre>{   "status": "success",   "timestamp": 1716461228,   "data": "Review was successfully deleted." }</pre>

## AddFriend.php

URL	http://localhost/221/Prac5/COS221-Practical-5-GROUP-23/api/AddFriend.php
Method	POST

Parameters should be passed in a JSON Object			
Parameter Name	Required	Type	Description
username	*	String	

## Examples

Post Body	Return
<pre>{   "friendID": "username" }</pre>	<pre>{   "status": "success",   "timestamp": 1716462041,   "data": "Friend added successfully." }</pre>

## GetFriends.php

URL	http://localhost/221/Prac5/COS221-Practical-5-GROUP-23/api/getFriends.php?username=someusername
Method	GET

Parameters should be passed in a JSON Object			
Parameter Name	Required	Type	Description
username	*	String	

Return
<pre>{   "status": "success",   "timestamp": 1716406634,   "data": [     {       "friendID": "jane_smith",       "profile_picture": 1,     },     //more friends   ] }</pre>

## RemoveFriend.php

URL	http://localhost/221/Prac5/COS221-Practical-5-GROUP-23/api/RemoveFriend.php
Method	POST

Parameters should be passed in a JSON Object			
Parameter Name	Required	Type	Description
username	*	String	
friendID	*	String	

Post Body	Return
<pre>{   "username": "alex_wong" }</pre>	<pre>{   "status": "success",   "timestamp": 1716406634,   "data": "alex_wong successfully removed from {\$username}'s friends." }</pre>

# GetUsers.php

URL	http://localhost/221/Prac5/COS221-Practical-5-GROUP-23/api/GetUsers.php
Method	POST

## Get a user

Parameters should be passed in a JSON Object			
Parameter Name	Required	Type	Description
username	*	String	

Post Body	Return
<pre>{   "username": "john_doe" }</pre>	<pre>{   "status": "success",   "timestamp": 1716478325,   "data": [     {       "name": "John Doe",       "email": "john@example.com",       "username": "john_doe",       "age": 30,       "created_at": "2024-05-14 23:39:57"     }   ] }</pre>

# Get all users

Parameters should be passed in a JSON Object			
Parameter Name	Required	Type	Description
order		String	Either ASC or DESC. ASC by default.
limit		int	20 by default.

Post Body	Return
<pre>{   "username": "john_doe",   "limit": 3,   "order": "ASC" }</pre>	<pre>{   "status": "success",   "timestamp": 1716478325,   "data": [     {       "name": "John Doe",       "email": "john@example.com",       "username": "john_doe",       "age": 30,       "created_at": "2024-05-14 23:39:57"     },     //more users   ] }</pre>

## ProfilePicture.php

URL	http://localhost/221/Prac5/COS221-Practical-5-GROUP-23/api/ProfilePicture.php
Method	PATCH

Parameters should be passed in a JSON Object			
Parameter Name	Required	Type	Description
profile_picture	*	int	

## Return

Return type	JSON object
Return description	Profile picture number from database

Post Body	Return
<pre>{   "profile_picture": 2 }</pre>	<pre>{   "status": "success",   "timestamp": 1716406102,   "data": 2 }</pre>

