

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/path-to-repo-in-xampp/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/path-to-repo-in-xampp/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, "type": "USER" } }</pre>

Logout.php

URL	http://localhost/path-to-repo-in-xampp/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/path-to-repo-in-xampp/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/path-to-repo-in-xampp/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/mediaID

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

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

DeleteReview.php

URL	http://localhost/path-to-repo-in-xampp/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/path-to-repo-in-xampp/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/path-to-repo-in-xampp/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/path-to-repo-in-xampp/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/path-to-repo-in-xampp/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", "type": "USER" }] }</pre>

Get more than 1 user

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

Post Body	Return
<pre>{ "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", "type": "USER" }, //more users] }</pre>

updateProfile.php

URL	http://localhost/path-to-repo-in-xampp/COS221-Practical-5-GROUP-23/api/updateProfile.php
Method	PATCH

Parameters should be passed in a JSON Object			
Parameter Name	Required	Type	Description
age		int	Updated dage
profile_picture		int	Number representing profile picture
username		string	New username
email		string	New email

Return

Return type	JSON object
Return description	New information for the user

Post Body	Return
<pre>{ "username": "new_username", "age": 19, "profile_picture": 3, "email": "ms@g.com" }</pre>	<pre>{ "status": "success", "timestamp": 1717023250, "data": { "name": "Lwando", "email": "ms@g.com", "username": "new_username", "age": 19, "profile_picture": 3, "created_at": "2024-05-24 15:38:42", "type": "USER" } }</pre>

