

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 OR integer //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. |

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 | Profile picture number from database |

| Post Body | Return |
|---|--|
| <pre>{ "email": "email@gmail.com", "password": "P@ssw0rd" }</pre> | <pre>{ "status": "success", "timestamp": 1716406102, "data": 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/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/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> |