

# Users Review Related API

## Reviews API

The **Reviews API** enables users to manage and interact with movie reviews. Users can add, update, delete, and fetch reviews for specific movies or all movies.

## Endpoints Overview

1. **Add a Review** ( `POST /add` ): Allows users to add a review for a specific movie. Includes a rating and review text.
2. **Update a Review** ( `PUT /:id` ): Updates an existing review by its unique ID.
3. **Delete a Review** ( `DELETE /:id` ): Deletes a review by its unique ID.
4. **Get All Reviews** ( `GET /all` ): Retrieves all reviews for all movies.

### 5. Get Reviews for a Movie ( GET /:id ):

Retrieves all reviews for a specific movie by its TMDb ID.

## Authorization

Most endpoints require a **JWT Bearer Token** for authentication, included in the `Authorization` header:

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## POST Post Reviews

`http://localhost:5000/api/reviews/add`

## Add Review

This endpoint allows the client to add a review for a movie.

## Request Body

- `tmdb_id` (number) - The TMDB ID of the movie.
- `movie_title` (string) - The title of the movie.
- `review_text` (string) - The text of the review.
- `rating` (number) - The rating given to the movie.

## Response (201 - Created)

The response will be in JSON format with the following schema:

json

```
{  
  "review": {  
    "review_id": 0,  
    "user_id": 0,  
    "tmdb_id": 0,  
    "review_text": "",  
    "rating": "",  
    "created_at": "",  
    "updated_at": null,  
  }  
}
```

```
"movie_title": ""
```

- `review_id` (number) - The ID of the review.
- `user_id` (number) - The ID of the user who submitted the review.
- `tmdb_id` (number) - The TMDB ID of the movie.
- `review_text` (string) - The text of the review.
- `rating` (string) - The rating given to the movie.
- `created_at` (string) - The timestamp of when the review was created.
- `updated_at` (string or null) - The timestamp of when the review was last updated, or null if it has not been updated.
- `movie_title` (string) - The title of the movie.

## HEADERS

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<b>Authorization</b>	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyX2lkIjo5MSwiZW1haWwiOiJtb3ZpcTg5OUBnbWFPbC5jb20iLCJ1c2VybmFtZSI6Iklc3NpTE0xMCIsImIhdCI6MTczMzc3NTY1MiwiZXhwljoxNzMzODE4ODUyfQ.cJmZwe1Pn5wZAxEzTS4uRaRV0VRqi50CXSfZo8sPA5k
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<b>Content-Type</b>	application/json
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<b>Body</b>	raw (json)
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json

```
{  
  "tmdb_id": 12345,  
  "movie_title": "Inception",  
  "review_text": "An amazing movie with  
  "rating": 5  
}
```

---

## PUT Update Reviews

<http://localhost:5000/api/reviews/21>

### Update Review

This endpoint allows updating a review with the specified ID.

### Request

- Method: PUT

- URL:  
`http://localhost:5000/api/reviews/21`
- `{ "review_text": "Updated review text.", "rating": 4 }`

## Response

The response is in JSON format with the following schema:

json

```
{
  "review": {
    "review_id": 0,
    "user_id": 0,
    "tmdb_id": 0,
    "review_text": "",
    "rating": "",
    "created_at": "",
    "updated_at": "",
    "movie_title": ""
  }
}
```

## HEADERS

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<b>Authorization</b>	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyX2lkIjo5MSwiZW1haWwiOiJtb3ZpcTg5OUBnbWFPbC5jb20iLCJ1c2VybmFtZSI6Ikk1IjE3NpTE0xMCIslmIhdCI6MTczMzc3NTY1MiwiZXhwljoxNzMzODE4ODUyYfQ.cJmZwe1Pn5wZAxEzTS4uRaRV0VRqi50CXsfZo8sPA5k
----------------------	--

<b>Content-Type</b>	application/json
---------------------	------------------

**Body** raw (json)

---



json

```
{  
  "review_text": "Updated review text.",  
  "rating": 4  
}
```

---

## DELETE Delete Reviews

`http://localhost:5000/api/reviews/21`

### Delete Review

This endpoint allows deleting a review with the specified ID.

### Request

- Method: DELETE
- URL:

```
http://localhost:5000/api/reviews/2
```

## Response

The response is in JSON format with the following schema:

```
json

{
  "message": ""
}
```

## HEADERS

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### Authorization

Bearer

eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyX2lkljo5MSwiZW1haWwiOiJtb3ZpcTg5OUBnbWZpYybmFtZSI6Iklc3NTY1MiwiZXhwIjoxNzY1MzODE4O

## GET Get All Reviews

`http://localhost:5000/api/reviews/all`

### Get All Reviews

This endpoint retrieves all the reviews.

#### Request

- Method: GET
- URL:  
`http://localhost:5000/api/reviews/all`

#### Request Body

- The request does not contain a request body.

## Response

The response is in JSON format with the following schema:

```
json

{
  "reviews": [
    {
      "review_id": "number",
      "tmdb_id": "number",
      "review_text": "string",
      "rating": "string",
      "movie_title": "string",
      "created_at": "string",
      "first_name": "string",
      "last name": "string",
    }
  ]
}
```

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## GET Get Review For a Movie

<http://localhost:5000/api/reviews/1241982>

# Get Review by Movie ID

This endpoint retrieves a specific review by its Movie ID.

## Request

- Method: GET
- URL:  
`http://localhost:5000/api/reviews/1241982`

## Request Body

- The request does not contain a request body.

## Response

The response is in JSON format with the following schema:

```
json
```

```
{  
  "reviews": [  

```

```
{  
  "review_id": "number",  
  "review_text": "string",  
  "rating": "string",  
  "created_at": "string",  
  "first_name": "string",  
  "last_name": "string",  
  "email": "string"  
}
```