API Documentation

Journal Application

26th MARCH 2025

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Base URL

{URL}/api/journal

Endpoints

Create Journal Category

POST /category/create

Request Parameter Explaineds

Parameter	Type	Required	Description
email	string	Yes	User email address
category_name	string	Yes	Name of the category
description	string	No	Description of the category

Response Example

```
{
  "status": 200,
  "message": "Category created successfully",
  "data": "category_id"
}
```

Fetch Journal Categories

GET /categories

Response Example

```
{
  "status": 200,
  "data": [
    {
      "id": 1,
      "category_name": "Tech",
      "description": "Technology related journals"
    }
  ]
}
```

Update Journal Category

POST /category/edit

Request Parameter Explained

Parameter	Type	Required	Description
email	string	Yes	User email updating the category. Must be a user with a superadmin role
id	string	Yes	ID of the category to update
category_name	string	Yes	New category name
description	text	No	Description for the category

Response Example

```
{
  "status": 200,
  "message": "Category updated successfully"
}
```

Fetch Journals

GET /list

Request Parameter Explained

Parameter	Type	Required	Description
start_date	string	No	Filter journals from this date (YYYY-MM-DD)
end_date	string	No	Filter journals until this date (YYYY-MM-DD)
email	string	Yes	User's email to fetch journals

Response Example

```
{
  "status": 200,
  "data": [
    {
      "id": "journal_id",
      "title": "Test Journal",
      "date": "2025-03-25",
      "description": "This is a test journal entry",
      "category_id": 2
    }
  ]
}
```

Create a Journal

POST /create

Request Parameter Explained

Parameter	Type	Required	Description
email	string	Yes	User email
category_id	string	Yes	ID of the category
title	string	Yes	Title of the journal
date	string	Yes	Journal entry date (YYYY-MM-DD)
description	string	No	Journal description
attachments	file	No	File attachments (PDF, images, etc.)

Response Example

```
{
 "status": 200,
 "message": "Journal created successfully",
 "data": { "id": "journal_id" }
}
```

Update a Journal

POST /edit

Request Parameter Explained

Parameter	Type	Required	Description
id	string	Yes	Journal ID
email	string	Yes	User email
title	string	No	Updated title
date	string	No	Updated journal date (YYYY-MM-DD)
category_id	string	No	Updated category ID
description	string	No	Updated description
rmPreviousAddedAttachments	boolean	No	Remove previous attachments
attachments	file	No	New attachments

Response Example

```
{
 "status": 200,
 "message": "Journal updated successfully!"
}
```

Delete a Journal

DELETE /trash

Request Parameter Explained

Parameter	Type	Required	Description
id	string	Yes	Journal ID to delete
email	string	Yes	User email

Response Example

```
{
 "status": 200,
 "message": "Journal deleted successfully!"
}
```

Error Responses

Generic Error Response

```
{
 "status": 400,
 "error": "Bad Request",
 "message": "Invalid parameters"
}
```

Gateway Error Example

```
{
 "status": 500,
 "error": "GATEWAY ERROR",
 "message": "Gateway error"
}
```

Note Better(N/B):

- ➢ Ensure that email is valid when creating or fetching journals.

- ➢ File uploads for attachments must be within the allowed size limits - Needed to configure the configs accordingly to achieve the needful.

- ➢ Categories must exist before assigning them to a journal.

- ➢ Journals must belong to a valid user.