Nudge API Documentation

Object Data Model for Nudge

A "nudge" represents a notification or alert associated with an event. Below is the structure of the nudge object:

- type: "nudge"

- id: MongoDB ObjectId (unique identifier)

- event_id: MongoDB ObjectId (references the associated event)

- title: String (title of the nudge)

- cover_image: File (uploaded image as the nudge cover)

- send_time: Timestamp (date and time to send the nudge)

- description: String (detailed description of the nudge)

- icon: File (uploaded icon image for the nudge)

- invitation: String (one-line invitation text)

- status: String (e.g., "scheduled", "sent", "cancelled")

Base URL

```
Base URL: /api/v3/app
```

API Endpoints

Request Type	Endpoint	Payload	Description
GET	/nudges/:id	-	Retrieves a specific nudge by its unique ID.
GET	/nudges?event_id=:id	-	Retrieves all nudges associated with a specific event.
POST	/nudges	event_id, title, cover_image, send_time, description, icon, invitation, status	Creates a new nudge and returns the created nudge's ID.
PUT	/nudges/:id	event_id, title, cover_image, send_time, description, icon, invitation, status	Updates an existing nudge by its ID.

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Request Type	Endpoint	Payload	Description
DELETE	/nudges/:id	-	Deletes a specific nudge by its unique ID.

CRUD Functionalities

1. Get a Nudge

Description: Fetches a specific nudge by its unique ID.

- **Request Type**: GET
- **Endpoint**: /nudges/:id
- **Payload**: None
- **Response**:

json

```
{
    "id": "64a8f4d52f0034abc1234567",
    "event_id": "64a8f4d52f0034abc7654321",
    "title": "Event Reminder",
    "cover_image": "https://example.com/image.jpg",
    "send_time": "2024-11-22T18:00:00Z",
    "description": "Don't miss the upcoming event!",
    "icon": "https://example.com/icon.jpg",
    "invitation": "Join us for the big day!",
    "status": "scheduled"
}
```

2. Create a Nudge

Description: Creates a new nudge.

- **Request Type**: POST
- **Endpoint**: /nudges
- **Payload**:

json

```
{
    "event_id": "64a8f4d52f0034abc7654321",
    "title": "Event Reminder",
    "cover_image": "file (multipart upload)",
    "send_time": "2024-11-22T18:00:00Z",
    "description": "Don't miss the upcoming event!",
    "icon": "file (multipart upload)",
    "invitation": "Join us for the big day!",
```

```
    "status": "scheduled"
}
```

- **Response**:

json

```json
{
    "id": "64a8f4d52f0034abc1234567",
    "message": "Nudge created successfully"
}
```

3. Update a Nudge

Description: Updates an existing nudge by its unique ID.

- **Request Type**: PUT

- **Endpoint**: /nudges/:id

- **Payload**:

json

```json
{
    "title": "Updated Event Reminder",
    "send_time": "2024-11-23T10:00:00Z",
    "description": "Updated description",
    "invitation": "Updated invitation text",
    "status": "cancelled"
}
```

- **Response**:

json

```json
{
    "message": "Nudge updated successfully"
}
```

4. Delete a Nudge

Description: Deletes a nudge by its unique ID.

- **Request Type**: DELETE

- **Endpoint**: /nudges/:id

- **Payload**: None

- **Response**:

json

```json
{
    "message": "Nudge deleted successfully"
}
```

5. Get Nudges for an Event

Description: Fetches all nudges associated with a specific event.

- **Request Type**: GET

- **Endpoint**: /nudges?event_id=:id

- **Payload**: None

- **Response**:

json

```json
[
    {
        "id": "64a8f4d52f0034abc1234567",
        "title": "Event Reminder 1",
        "send_time": "2024-11-22T18:00:00Z",
        "status": "scheduled"
    },
    {
        "id": "64a8f4d52f0034abc7654321",
        "title": "Event Reminder 2",
        "send_time": "2024-11-23T12:00:00Z",
        "status": "sent"
    }
]
```

Error Handling

- **400 Bad Request**: Missing or invalid payload.

- **404 Not Found**: Nudge or event not found.

- **500 Internal Server Error**: Unexpected server error.