**API Documentation:**

Nudge API

The Nudge API allows users to create and manage nudges for events or articles. A nudge is a notification that can be customized with a title, image, scheduled time, description, icon, and one-line invitation.

**Base URL**

http://localhost:5000

**API Endpoints**

The following API endpoints are available:

**Get Event by ID**

Retrieve an event by its ID.

URL: /api/v3/app/events/:event\_id

Method: GET

Parameters:

event\_id: ID of the event

Response:

200 OK: Returns the event object if found.

404 Not Found: Returns an error message if the event is not found.

**Get Latest Events**

Retrieve the latest events based on the event type, limit, and page.

URL: /api/v3/app/events/latest?type=:event\_type&limit=:limit&page=:page

Method: GET

Parameters:

type: Event type to filter by.

limit: Maximum number of events to return. (default: 10)

page: Page number for pagination. (default: 1)

Response:

200 OK: Returns a list of latest events based on the specified criteria.

**Create Event**

Create a new event.

URL: /api/v3/app/events

Method: POST

Payload:

name: Event Name

tagline: Event Tagline

schedule: Event Schedule

description: Event Description

moderator: Event Moderator

category: Event Category

sub\_category: Event Subcategory

rigor\_rank: Event Rigor Rank

Response:

201 Created: Returns the ID of the created event.

**Update Event**

Update an existing event.

URL: /api/v3/app/events/:event\_id

Method: PUT

Parameters:

event\_id: ID of the event to update.

Payload:

name: Updated Event Name

tagline: Updated Event Tagline

Response:

200 OK: Returns a success message if the event is updated.

404 Not Found: Returns an error message if the event is not found.

**Delete Event**

Delete an existing event.

URL: /api/v3/app/events/:event\_id

Method: DELETE

Parameters:

event\_id: ID of the event to delete.

Response:

200 OK: Returns a success message if the event is deleted.

404 Not Found: Returns an error message if the event is not found.

**Object Data Model**

The Nudge object data model is as follows:

json { "id": "Nudge ID", "event\_id": "Associated Event ID", "title": "Nudge Title", "image\_url": "URL of the Nudge Image", "scheduled\_time": "Nudge Scheduled Time", "description": "Nudge Description", "icon": "Nudge Icon", "invitation": "One-line Invitation" }

The event\_id field is used to associate the nudge with a specific event.

**CRUD Functionalities**

The Nudge API supports the following CRUD (Create, Read, Update, Delete) functionalities:

Create Nudge: Allows users to create a new nudge for an event.

Read Nudge: Allows users to retrieve a nudge by its ID or fetch the latest nudges based on certain criteria.

Update Nudge: Allows users to update an existing nudge by providing the nudge ID and the fields to update.

Delete Nudge: Allows users to delete a nudge by its ID.