

# API Documentation: Nudge Management

The following API endpoints allow users to perform CRUD operations on nudges.

**Base URL** : /api/v3/app

## API Endpoints

### Create a Nudge

- **Endpoint**: "/nudges"
- **Method**: "POST"
- **Description**: Creates a new nudge for a specific event.
- **Payload**:
  - "event\_id" (string, required): The ID of the event the nudge is associated with.
  - "title" (string, required): The title of the nudge.
  - "image" (file, required): The image file to be used as the nudge cover or image file.
  - "send\_time" (string, required): The time at which the user wants to send the nudge.
  - "description" (string, required): The description of the nudge.
  - "icon" (string): The icon for the nudge or png file.
  - "invitation" (string): The one-line invitation for the nudge.
- **Response**:
  - "id" (string): The ID of the created nudge.
- **Example**:

POST /api/v3/app/nudges

```
{  
  "event_id": "5f4d06efabc123456789",  
  "title": "Join our event!",  
  "image": [image file],  
  "send_time": "2023-06-10T10:00:00",
```

```
"description": "Join us for an exciting event...",  
"icon": "icon.png",  
"invitation": "Don't miss out!"  
}
```

## Read a Nudge

- **Endpoint**: `/nudges/:id`
- **Method**: `GET`
- **Description**: Retrieves information about a specific nudge.
- **Response**:
  - `"id"` (string): The ID of the nudge.
  - `"event_id"` (string): The ID of the associated event.
  - `"title"` (string): The title of the nudge.
  - `"image"` (string): The URL of the nudge cover image.
  - `"send_time"` (string): The time at which the nudge will be sent.
  - `"description"` (string): The description of the nudge.
  - `"icon"` (string): The icon for the nudge.
  - `"invitation"` (string): The one-line invitation for the nudge.
- **Example**:  
`GET /api/v3/app/nudges/5f4d06efabc123456789`

## Update a Nudge

- **Endpoint**: `/nudges/:id`
- **Method**: `PUT`
- **Description**: Updates an existing nudge.
- **Payload**:
  - `"title"` (string): The updated title of the nudge.
  - `"image"` (file): The updated image file to be used as the nudge cover.

- "send\_time" (string): The updated time at which the user wants to send the nudge.
- "description" (string): The updated description of the nudge.
- "icon" (string): The updated icon for the nudge.
- "invitation" (string): The updated one-line invitation for the nudge.
- **\*\*Response\*\***:
  - "id" (string): The ID of the updated nudge.
- **\*\*Example\*\***:

PUT /api/v3/app/nudges/5f4d06efabc123456789

```
{
  "title": "Updated title",
  "send_time": "2023-06-12T15:00:00",
  "description": "Updated description",
  "icon": "new-icon.png",
  "invitation": "Updated invitation"
}
```

## Delete a Nudge

- **\*\*Endpoint\*\***: "/nudges/:id"
- **\*\*Method\*\***: "DELETE"
- **\*\*Description\*\***: Deletes a specific nudge.
- **\*\*Response\*\***:
  - "id" (string): The ID of the deleted nudge.
- **\*\*Example\*\***

DELETE /api/v3/app/nudges/5f4d06efabc123456789

# Object Data Model

```
const nudgeSchema = new mongoose.Schema({
  event: {
    type: mongoose.Schema.Types.ObjectId,
    ref: 'Event',
    required: true
  },
  title: {
    type: String,
    required: true
  },
  image: {
    type: String,
    required: true
  },
  sendTime: {
    type: Date,
    required: true
  },
  description: {
    type: String,
    required: true
  },
  icon: {
    type: String
  },
  invitation: {
    type: String
  }
});
```

