


# DT Backend WebDev Challenge

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## Task 2 - API documentation

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I want to create a nudge for Events 

Tag article or event.

Title.... (60 char max)

Choose Image: 

Scheduled on:  
dd/mm/yy

Timings:  
From: hh:mm to hh:mm

Description of the nudge:

For Viewing a Nudge at the end of an article:

Choose icon

Enter one line invitation.....  
Ex: (There's a great workshop on Reflections that's about to happen. Swipe right to check it out.)

Preview

Publish Now

Wireframe

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# Object Model for this wireframe

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Properties	Type	Description
name	String	Name for nudge
tag	String	Tags for article or event
title	String	Title for nudge 60 char max
image	String (base64)	Image file as base64
scheduleDay	Date	Schedule date as dd/mm/yy
scheduleTime	String	Schedule time as hh:mm to hh:mm
description	String	Description of the nudge
icon	String (base64)	Icon file as base64
invitation	String	One line invitation
nudgeId	string	Unique id for each new nudge

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## Details for Nudge API creation

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Request Type	Base URL	API Endpoint	Payload	Description
GET	/api/app	/nudge/?id=:nudge_id	Nothing	Gets an nudge by its unique id
GET	/api/app	/nudge?type=latest&limit=5&page=1	Nothing	Gets nudge by its recency & pagination results by page number and limit of nudges per page
POST	/api/app	/nudge	name , tag, title, image, scheduledDay, scheduleTime, description, icon, and invitation	Create an nudge and returns the Id of the nudge that is created
PUT	/api/app	/nudge/:id	Same as POST payload	Update nudge that matches id in database and send response as successfull
DELETE	/api/app	/nudge/:id	Nothing	Delete nudge that matches id in database and send response as successfull

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## CRUD Functionalities

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- Base Url for all CRUD functions: "/api/app"

### CREATE Nudge

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- Endpoint: "/nudge"
- Request method: "POST".
- Headers:

```
{  
  'Content-Type': 'application/json'  
}
```

- Body:

```
{  
  name: "create nudge for event name",  
  tag: "Tag article or event",  
  title: "Title 60 char max",  
  image: "String Base64 image",  
  scheduleDay: DD:MM:YY,  
  scheduleTime: "hh:mm hh:mm",  
  description: "Description of the nudge"  
  icon: "String bas64 icon",  
  invitation: "One line invitation message"  
}
```

- Response receive:

```
{ nudge_id: "436gjdf8763489" }
```

### READ Single Nudge

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- Endpoint: "/nudge/?id=:nudge\_id"
- Request method: "GET".
- Headers and body should be empty.
- Response receive:

```
{  
  name: "create nudge for event name",  
  tag: "Tag article or event",  
  title: "Title 60 char max",  
}
```

```

image: "String Base64 image",
scheduleDay: DD:MM:YY,
scheduleTime: "hh:mm hh:mm",
description: "Description of the nudge"
icon: "String bas64 icon",
invitation: "One line invitation message"
nudge_id: "436gjdf8763489"
}

```

## READ Multiple Nudge

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- Endpoint: "/nudge?type=latest&limit=5&page=1"
- Request method: "GET".
- Headers and body should be empty.
- Response receive:

```

[
  {
    name: "create nudge for event name",
    tag: "Tag article or event",
    title: "Title 60 char max",
    image: "String Base64 image",
    scheduleDay: DD:MM:YY,
    scheduleTime: "hh:mm hh:mm",
    description: "Description of the nudge"
    icon: "String bas64 icon",
    invitation: "One line invitation message"
    nudge_id: "436gjdf8763489"
  },
  ...
]

```

## UPDATE Nudge

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- Endpoint: "/nudge/:id"
- Request method: "PUT".
- Headers:

```

{
  'Content-Type': 'application/json'
}

```

- Body:

```

{
  name: "create nudge for event name",
  tag: "Tag article or event",
  title: "Title 60 char max",
  image: "String Base64 image",

```

```
scheduleDay: DD:MM:YY,  
scheduleTime: "hh:mm hh:mm",  
description: "Description of the nudge"  
icon: "String bas64 icon",  
invitation: "One line invitation message"  
}
```

- Response receive:

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

## DELETE Nudge

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- Endpoint: "/nudge/:id"
- Request method: "DELETE".
- Headers and body should be empty.
- Response receive:

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