

API CREATION

GitHub Link - <https://github.com/JyotsnaJahanaviDevi/dt-events-api> - go through the repo

POST - create a new event

created 3 events with titles - Deep Thought, Netflix, The Dark Knight which responded with 3 ids

The screenshot shows the Postman interface with a POST request to `http://localhost:3000/api/v3/app/events`. The request body is set to `form-data` with the following fields:

| Key | Value |
|--------------|-------------------------------|
| uid | 18 |
| name | The Dark Knight |
| tagline | I am Batman |
| schedule | 2025-12-06T23:43:00 |
| description | Directed by Christopher Nolan |
| image | Select files |
| moderator | Bob |
| category | Movie |
| sub_category | Sci-fi |
| rigor_rank | 1 |

The response body is shown as JSON:

```
{ "id": "69347db9b5b4e1362fb312c" }
```

GET - all the events upto limit 5 (fetches the created 3 events)

event 1

Postman interface showing a GET request to <http://localhost:3000/api/v3/app/events>. The request includes the following query parameters:

- Key: type, Value: latest
- Key: limit, Value: 5
- Key: page, Value: 1

The response body is a JSON array of event objects:

```
1 [ 2 { 3   "_id": "69347bf89b5b401362fb312a", 4   "type": "event", 5   "uid": 18, 6   "name": "DeepThought", 7   "tagline": "Think deeply", 8   "schedule": "2025-12-06T18:13:00.000Z", 9   "description": "A software company", 10  "files": [ 11    { 12      "image": "uploads\\1765047288901-no face.jpg" 13    }, 14    { 15      "moderator": "Adam", 16      "category": "Technology", 17      "sub_category": "Software Development", 18      "rigor_rank": 1, 19      "attendees": [] 20    } 21  ] 22 } 23 ]
```

event 2

Postman interface showing a GET request to <http://localhost:3000/api/v3/app/events>. The request includes the following query parameters:

- Key: type, Value: latest
- Key: limit, Value: 5
- Key: page, Value: 1

The response body is a JSON array of event objects, including one for Netflix:

```
18 [ 19 { 20   "_id": "69347d089b5b401362fb312b", 21   "type": "event", 22   "uid": 18, 23   "name": "Netflix", 24   "tagline": "Your streaming partner", 25   "schedule": "2025-12-06T18:13:00.000Z", 26   "description": "An entertainment platform", 27   "files": null, 28   "moderator": "Bob", 29   "category": "Social Media", 30   "sub_category": "OTT", 31   "rigor_rank": 1, 32   "attendees": [] 33 }, 34 { 35   "_id": "69347db089b5b401362fb312c", 36   "type": "event", 37   "name": "TechCon", 38   "tagline": "The annual technology conference", 39   "schedule": "2025-09-20T10:00:00.000Z", 40   "description": "A gathering of tech enthusiasts", 41   "files": null, 42   "moderator": "Alice", 43   "category": "Technology", 44   "sub_category": "Cloud Computing", 45   "rigor_rank": 2, 46   "attendees": [ 47     { 48       "name": "John Doe", 49       "uid": 12345, 50       "role": "Speaker" 51     } 52   ] 53 }
```

event 3

http://localhost:3000/api/v3/app/events

GET http://localhost:3000/api/v3/app/events?type=latest&limit=5&page=1

| Key | Value | Description | Bulk Edit |
|-------|--------|-------------|-----------|
| type | latest | | |
| limit | 5 | | |
| page | 1 | | |

Body:

```
{ } JSON Preview Visualize
[{"_id": "69347db09b5b401362fb312c", "type": "event", "uid": 18, "name": "The Dark Knight", "tagline": "I am Batman", "schedule": "2025-12-06T18:13:00.000Z", "description": "Directed by Christopher Nolan", "files": null, "moderator": "Bob", "category": "Movie", "sub_category": "Sci-fi", "rigor_rank": 1, "attendees": []}, {"_id": "69347db09b5b401362fb312c", "type": "event", "uid": 18, "name": "The Dark Knight", "tagline": "I am Batman", "schedule": "2025-12-06T18:13:00.000Z", "description": "Directed by Christopher Nolan", "files": null, "moderator": "Bob", "category": "Movie", "sub_category": "Sci-fi", "rigor_rank": 1, "attendees": []}]
```

GET - fetch event by ID

3rd event(the dark knight) fetched by ID

http://localhost:3000/api/v3/app/events

GET http://localhost:3000/api/v3/app/events?id=69347db09b5b401362fb312c

| Key | Value | Description | Bulk Edit |
|-----|--------------------------|-------------|-----------|
| id | 69347db09b5b401362fb312c | | |

Body:

```
{ } JSON Preview Visualize
[{"_id": "69347db09b5b401362fb312c", "type": "event", "uid": 18, "name": "The Dark Knight", "tagline": "I am Batman", "schedule": "2025-12-06T18:13:00.000Z", "description": "Directed by Christopher Nolan", "files": null, "moderator": "Bob", "category": "Movie", "sub_category": "Sci-fi", "rigor_rank": 1, "attendees": []}]
```

PUT - updating content of existing event by ID

updated sub_category of 3rd event (the dark knight) from sci-fi to Science fiction

shows “Event updated successfully” message

The screenshot shows the Postman interface with a PUT request to `http://localhost:3000/api/v3/app/events/69347db09b5b401362fb312c`. The request body contains a single key-value pair: `sub_category: Science fiction`. The response status is 200 OK, with a response time of 81 ms and a response size of 275 B. The response body is a JSON object with a single key: `message: "Event updated successfully"`.

GET - fetching the updated event to check the updated changes
sub_category updated from sci-fi to Science fiction

The screenshot shows the Postman interface with a GET request to `http://localhost:3000/api/v3/app/events`. The query parameters include `id: 69347db09b5b401362fb312c`. The response status is 200 OK, with a response time of 58 ms and a response size of 540 B. The response body is a JSON object representing the event, including fields like `_id`, `type`, `uid`, `name`, `tagline`, `schedule`, `description`, `files`, `moderator`, `category`, `sub_category`, `rigor_rank`, and `attendees`.

DELETE - delete event by ID
deleted 2nd (Netflix) event

shows “Event deleted successfully” message

The screenshot shows the Postman interface with a successful DELETE request. The URL is `http://localhost:3000/api/v3/app/events/69347d0a9b5b401362fb312b`. The response status is 200 OK, and the response body is a JSON object with a single key-value pair: `{"message": "Event deleted successfully"}`.

GET - fetching the deleted event to check if its deleted
fetching 2nd(Netfli) event by ID
shows “Event not found” error since it is a deleted event

The screenshot shows the Postman interface with a failed GET request. The URL is `http://localhost:3000/api/v3/app/events?id=69347d0a9b5b401362fb312b`. The response status is 404 Not Found, and the response body is a JSON object with a single key-value pair: `{"error": "Event not found"}`.