

Event API

Description

This is an api to perform CRUD operations on events

Base URL

The base URL for all API requests is:

`https://localhost:3000`

Endpoints

GET /events

Returns a list of all registered events.

Parameters

- `limit` (optional): The maximum number of events to return. Default is 10.
- `offset` (optional): The number of events to skip before starting to return results. Default is 0.

Response

Returns a JSON object with the following properties:

- `count` : The total number of registered events.
- `results` : An array of events, each with the following parameters:
 - `id` : The unique identifier of the event.
 - `name` : The name of the event.
 - `category` : Category of event (1 for session, 2 for conference).
 - `leadOrganiser` : Name of lead Organizer.
 - `nOrgnaisers` : Number of the organizers of the event.
 - `managedBy` : Name of employee managing the event.

- `date` : Date of the event.
- `totalSeats` : Total number of seats of the event.
- `remainingSeats` : Number of available seats for the event.

Example

Request:

```
GET /events?limit=5&offset=10
```

Response:

```
{
  "count": 10,
  "results": [
    {
      "id": 001127062024,
      "name": "Kaggle Days",
      "category": 1,
      "leadOrgnaiser": "Ayon Roy",
      "nOrganisers": "50",
      "managedBy": "Manas Chopra",
      "date": "2024-06-27",
      "totalSeats": 100,
      "remainingSeats": 40,
    },
    ...
  ]
}
```

Errors(To be updated)

This API uses the following error codes:

- `400 Bad Request` : The request was malformed or missing required parameters.
- `401 Unauthorized` : The API key provided was invalid or missing.

- `404 Not Found` : The requested resource was not found.
- `500 Internal Server Error` : An unexpected error occurred on the server.

GET /events/:id

Returns information about specific event

Parameters

- `id` : id of the event whose details are needed

Response

Returns a JSON object with the following properties:

- `message` : Event retrieved successfully.
- `event` : A JSON object contain details of the event:
 - `id` : The unique identifier of the event.
 - `name` : The name of the event.
 - `category` : Category of event (1 for session, 2 for conference).
 - `leadOrganiser` : Name of lead Organizer.
 - `nOrgnaisers` : Number of the organizers of the event.
 - `managedBy` : Name of employee managing the event.
 - `date` : Date of the event.
 - `totalSeats` : Total number of seats of the event.
 - `remainingSeats` : Number of available seats for the event.

Example

Request:

```
GET /events/id=001127062024
```

Response:

```
{
  "message": "Event retrieved successfully",
  "event": {
    "id": 001127062024,
    "name": "Kaggle Days",
    "category": 1,
    "leadOrgnaiser": "Ayon Roy",
    "nOrganisers": "50",
    "managedBy": "Manas Chopra",
    "date": "2024-06-27",
    "totalSeats": 100,
    "remainingSeats": 40,
  },
}
```

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POST /events

Registers an event.

Body

Input body should contain a JSON object with follow properties,

- **name** : The name of the event.

- `category` : Category of event (1 for session, 2 for conference).
- `leadOrganiser` : Name of lead Organizer.
- `nOrgnaisers` : Number of the organizers of the event.
- `date` : Date of the event.
- `totalSeats` : Total number of seats of the event.

Response

Returns a JSON object with the following properties:

- `message` : Event registered successfully.
- `event` : A JSON object with details of event:
 - `id` : The unique identifier of the event.
 - `name` : The name of the event.
 - `category` : Category of event (1 for session, 2 for conference).
 - `leadOrganiser` : Name of lead Organizer.
 - `nOrgnaisers` : Number of the organizers of the event.
 - `managedBy` : Name of employee managing the event.
 - `date` : Date of the event.
 - `totalSeats` : Total number of seats of the event.
 - `remainingSeats` : Number of available seats for the event.

Example

Request:

```
POST /events
```

Response:

```
{
  "message": "Event registered successfully",
```

```
"results": {
  "id": 001127062024,
  "name": "Kaggle Days",
  "category": 1,
  "leadOrgnaiser": "Ayon Roy",
  "nOrganisers": "50",
  "managedBy": "Manas Chopra",
  "date": "2024-06-27",
  "totalSeats": 100,
  "remainingSeats": 40,
},
}
```

Errors(To be updated)

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- **404 Not Found** : The requested resource was not found.
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PUT /events/:id

Returns information about updated event

Path parameters

- **id** : id of the event whose details need to be updated.

Body

Input body should contain a JSON object with follow properties,

- `name` : The name of the event.
- `category` : Category of event (1 for session, 2 for conference).
- `leadOrganiser` : Name of lead Organizer.
- `nOrgnaisers` : Number of the organizers of the event.
- `date` : Date of the event.
- `totalSeats` : Total number of seats of the event.
- `remainingSeats` : Number of available seats for the event.

Response

Returns a JSON object with the following properties:

- `message` : Event updated successfully.
- `event` : A JSON object containing details of the event:
 - `id` : The unique identifier of the event.
 - `name` : The name of the event.
 - `category` : Category of event (1 for session, 2 for conference).
 - `leadOrganiser` : Name of lead Organizer.
 - `nOrgnaisers` : Number of the organizers of the event.
 - `managedBy` : Name of employee managing the event.
 - `date` : Date of the event.
 - `totalSeats` : Total number of seats of the event.
 - `remainingSeats` : Number of available seats for the event.

Example

Request:

```
GET /events/001127062024
```

Response:

```
{
  "message": "Event updated successfully",
  "event": {
    "name": "Kaggle Days",
    "category": 1,
    "leadOrgnaiser": "Ayon Roy",
    "nOrganisers": "50",
    "date": "2024-06-27",
    "totalSeats": 100,
    "remainingSeats": 40,
  },
}
```

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DELETE /events/:id

Cancels an event

Path parameters

- **id** : id of the event which needs to be cancelled.

Response

Returns a JSON object with the following properties:

- `message` : Event deleted successfully.
- `event` : A JSON object containing details of the cancelled event:
 - `id` : The unique identifier of the event.
 - `name` : The name of the event.
 - `category` : Category of event (1 for session, 2 for conference).
 - `leadOrganiser` : Name of lead Organizer.
 - `nOrgnaisers` : Number of the organizers of the event.
 - `managedBy` : Name of employee managing the event.
 - `date` : Date of the event.
 - `totalSeats` : Total number of seats of the event.
 - `remainingSeats` : Number of available seats for the event.

Example

Request:

```
GET /events/001127062024
```

Response:

```
{
  "message": "Event updated successfully",
  "event": {
    "name": "Kaggle Days",
    "category": 1,
    "leadOrgnaiser": "Ayon Roy",
    "nOrganisers": "50",
    "date": "2024-06-27",
    "totalSeats": 100,
    "remainingSeats": 40,
  },
}
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