

# Endpoint Documentation

## Event Organizer API

Base URL:

```
http://localhost:3000/api
```

### User Endpoints

#### 1. Register User

URL: /users/register

Method: POST

Description: Register new users.

Request Body:

```
1  {
2    "name": "John Doe",
3    "email": "john.doe@example.com",
4    "password": "password123"
5  }
```

Response Success:

```
1  {
2    "id": 1,
3    "message": "User berhasil didaftarkan"
4  }
```

Response Error:

```
1  {
2    "message": "Email sudah terdaftar"
3  }
```

#### 2. Login User

URL: /users/login

Method: POST

Description: Login user and get a JWT token.

Request Body:

```
1  {
2    "email": "john.doe@example.com",
3    "password": "password123"
4  }
```

Response Success:

```
1  {
2    "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9..."
3  }
```

Response Error:

```
1  {}
2  |  "message": "email tidak terdaftar"
3  |  }
```

### 3. Get All User

URL: /users

Method: GET

Description: Get a list of all users.

Headers:

Headers <span>8 hidden</span>				
	Key	Value	Description	*** Bulk Edit Presets ▾
<input checked="" type="checkbox"/>	Authorization	Bearer <token>		
	Key	Value	Description	

Response Success:

```
1  [
2  |  {
3  |    "id": 1,
4  |    "name": "John Doe",
5  |    "email": "john.doe@example.com"
6  |  },
7  |  {
8  |    "id": 2,
9  |    "name": "Jane Doe",
10 |    "email": "jane.doe@example.com"
11 |  }
12 | ]
```

### 4. Get User by ID

URL: /users/:id

Method: GET

Description: Register new users.

Headers:

Headers <span>8 hidden</span>				
	Key	Value	Description	*** Bulk Edit Presets ▾
<input checked="" type="checkbox"/>	Authorization	Bearer <token>		
	Key	Value	Description	

Response Success:

```
1  {}
2  |  "id": 1,
3  |  "name": "John Doe",
4  |  "email": "john.doe@example.com"
5  |  }
```

Response Error:

```
1 {
2   | "message": "User tidak ditemukan"
3 }
```

## 5. Update User

URL: /users/:id

Method: PUT

Description: Update user data.

Headers:

Headers <span>8 hidden</span>				
	Key	Value	Description	*** Bulk Edit Presets ▾
<input checked="" type="checkbox"/>	Authorization	Bearer <token>		
	Key	Value	Description	

Request Body:

```
1 {
2   | "name": "John Updated",
3   | "email": "john.updated@example.com",
4   | "password": "newpassword123"
5 }
```

Response Success:

```
1 {
2   | "message": "User berhasil diupdate"
3 }
```

Response Error:

```
1 {
2   | "message": "User tidak ditemukan"
3 }
```

## 6. Delete User

URL: /users/:id

Method: DELETE

Description: Delete users based on ID.

Headers:

Headers <span>8 hidden</span>				
	Key	Value	Description	*** Bulk Edit Presets ▾
<input checked="" type="checkbox"/>	Authorization	Bearer <token>		
	Key	Value	Description	

Response Success:

```
1  {}
2  |  "message": "User berhasil dihapus"
3  {}
```

Response Error:

```
1  {}
2  |  "message": "User tidak ditemukan"
3  {}
```

## Category Endpoints

### 7. Get All Categories

URL: /category

Method: GET

Description: Get a list of all categories.

Response Success:

```
1  [
2  |  {
3  |    "id": 1,
4  |    "name": "Technology"
5  |  },
6  |  {
7  |    "id": 2,
8  |    "name": "Health"
9  |  }
10 ]
```

### 8. Get Category by ID

URL: /category/:id

Method: GET

Description: Get detailed categories based on ID.

Response Success:

```
1  {}
2  |  "id": 1,
3  |  "name": "Technology"
4  {}
```

Response Error:

```
1  {}
2  |  "message": "Kategori tidak ditemukan"
3  {}
```

## 9. Create Category

URL: /category

Method: POST

Description: Creating a new category.

Headers:

Headers <span>8 hidden</span>				
	Key	Value	Description	*** Bulk Edit Presets ▾
<input checked="" type="checkbox"/>	Authorization	Bearer <token>		
	Key	Value	Description	

Request Body:

```
1  {
2  |   "name": "Education"
3  | }
```

Response Success:

```
1  {
2  |   "id": 3,
3  |   "message": "Kategori berhasil ditambahkan"
4  | }
```

## 10. Update Category

URL: /category/:id

Method: PUT

Description: Update the category based on ID.

Headers:

Headers <span>8 hidden</span>				
	Key	Value	Description	*** Bulk Edit Presets ▾
<input checked="" type="checkbox"/>	Authorization	Bearer <token>		
	Key	Value	Description	

Request Body:

```
1  {
2  |   "name": "Updated Category"
3  | }
```

Response Success:

```
1  {
2  |   "message": "Kategori berhasil diupdate"
3  | }
```

Response Error:

```
1  {}
2  |  "message": "Kategori tidak ditemukan"
3  {}
```

## 11. Delete Category

URL: /category/:id

Method: DELETE

Description: Delete categories based on ID.

Headers:

Headers <span>8 hidden</span>				
	Key	Value	Description	*** Bulk Edit Presets v
<input checked="" type="checkbox"/>	Authorization	Bearer <token>		
	Key	Value	Description	

Response Success:

```
1  {}
2  |  "message": "Kategori berhasil dihapus"
3  {}
```

Response Error:

```
1  {}
2  |  "message": "Kategori tidak ditemukan"
3  {}
```

## Event Endpoints

### 12. Get All Events

URL: /event

Method: GET

Description: Get a list of all events.

Response Success:

```
1  [
2  |  {
3  |    "id": 1,
4  |    "name": "Tech Conference",
5  |    "description": "Annual tech conference",
6  |    "date": "2023-12-15",
7  |    "time": "09:00:00",
8  |    "location": "Jakarta",
9  |    "category_id": 1,
10 |    "user_id": 1
11 |  }
12 ]
```

### 13. Get Event by ID

URL: /event/:id

Method: GET

Description: Get detailed event based on ID.

Response Success:

```
1  {
2    "id": 1,
3    "name": "Tech Conference",
4    "description": "Annual tech conference",
5    "date": "2023-12-15",
6    "time": "09:00:00",
7    "location": "Jakarta",
8    "category_id": 1,
9    "user_id": 1
10 }
```

Response Error:

```
1  {
2    "message": "Event tidak ditemukan"
3  }
```

### 14. Create Event

URL: /event

Method: POST

Description: Make a new event.

Headers:

Headers <span>8 hidden</span>				
	Key	Value	Description	*** Bulk Edit Presets v
<input checked="" type="checkbox"/>	Authorization	Bearer <token>		
	Key	Value	Description	

Request Body:

```
1  {
2    "name": "Health Seminar",
3    "description": "Seminar tentang kesehatan",
4    "date": "2023-11-20",
5    "time": "10:00:00",
6    "location": "Surabaya",
7    "category_id": 2,
8    "user_id": 1
9  }
```

Response Success:

```
1  {
2    "id": 2,
3    "message": "Event berhasil ditambahkan"
4  }
```

## 15. Update Event

URL: /event/:id

Method: PUT

Description: Update the event based on ID.

Headers:

Headers <span>8 hidden</span>				
	Key	Value	Description	⌵ Bulk Edit Presets
<input checked="" type="checkbox"/>	Authorization	Bearer <token>		
	Key	Value	Description	

Request Body:

```
1  {
2    "name": "Updated Event",
3    "description": "Updated description",
4    "date": "2023-11-25",
5    "time": "11:00:00",
6    "location": "Bandung",
7    "category_id": 1,
8    "user_id": 1
9  }
```

Response Success:

```
1  {
2    "message": "Event berhasil diupdate"
3  }
```

Response Error:

```
1  {
2    "message": "Event tidak ditemukan"
3  }
```

## 16. Delete Event

URL: /event/:id

Method: DELETE

Description: Delete the event based on ID.

Headers:

Headers <span>8 hidden</span>				
	Key	Value	Description	⌵ Bulk Edit Presets
<input checked="" type="checkbox"/>	Authorization	Bearer <token>		
	Key	Value	Description	



Response Success:

```
1  {}
2  |  "message": "Event berhasil dihapus"
3  {}
```

Response Error:

```
1  {}
2  |  "message": "Event tidak ditemukan"
3  {}
```

## Order Endpoints

### 17. Get All Orders

URL: /order

Method: GET

Description: Get a list of all orders.

Headers:

Headers <span>8 hidden</span>				
	Key	Value	Description	*** Bulk Edit Presets ▾
<input checked="" type="checkbox"/>	Authorization	Bearer <token>		
	Key	Value	Description	

Response Success:

```
1  [
2  |  {
3  |    "id": 1,
4  |    "user_id": 1,
5  |    "event_id": 1,
6  |    "quantity": 2
7  |  }
8  ]
```

### 18. Get Order by ID

URL: /order/:id

Method: GET

Description: Get detailed orders based on ID.

## Headers:

Headers <span>8 hidden</span>				
	Key	Value	Description	⌵ Bulk Edit Presets
<input checked="" type="checkbox"/>	Authorization	Bearer <token>		
	Key	Value	Description	

## Response Success:

```
1  {
2    |  "id": 1,
3    |  "user_id": 1,
4    |  "event_id": 1,
5    |  "quantity": 2
6  }
```

## Response Error:

```
1  {
2    |  "message": "Order tidak ditemukan"
3  }
```

## 19. Create Order

URL: /order

Method: POST

Description: Make a new order.

## Headers:

Headers <span>8 hidden</span>				
	Key	Value	Description	⌵ Bulk Edit Presets
<input checked="" type="checkbox"/>	Authorization	Bearer <token>		
	Key	Value	Description	

## Request Body:

```
1  {
2    |  "user_id": 1,
3    |  "event_id": 1,
4    |  "quantity": 2
5  }
```

## Response Success:

```
1  {
2    |  "id": 2,
3    |  "message": "Order berhasil dibuat"
4  }
```

## 20. Update Order

URL: /order/:id

Method: PUT

Description: Update orders based on ID.

Headers:

Headers <span>8 hidden</span>				
	Key	Value	Description	*** Bulk Edit Presets ▾
<input checked="" type="checkbox"/>	Authorization	Bearer <token>		
	Key	Value	Description	

Request Body:

```
1  {
2    |  "user_id": 1,
3    |  "event_id": 1,
4    |  "quantity": 3
5  }
```

Response Success:

```
1  {
2    |  "message": "Order berhasil diupdate"
3  }
```

Response Error:

```
1  {
2    |  "message": "Order tidak ditemukan"
3  }
```

## 21. Delete Order

URL: /order/:id

Method: DELETE

Description: Delete orders based on ID.

Headers:

Headers <span>8 hidden</span>				
	Key	Value	Description	*** Bulk Edit Presets ▾
<input checked="" type="checkbox"/>	Authorization	Bearer <token>		
	Key	Value	Description	

Response Success:

```
1  {
2    |  "message": "Order berhasil dihapus"
3  }
```

Response Error:

```
1  {}
2  |  "message": "Order tidak ditemukan"
3  |  }
```

## Email Endpoints

### 22. Send Email

URL: /email

Method: POST

Description: Send email.

Headers:

Headers <span>8 hidden</span>				
	Key	Value	Description	*** Bulk Edit Presets ▾
<input checked="" type="checkbox"/>	Authorization	Bearer <token>		
	Key	Value	Description	

Request Body:

```
1  {}
2  |  "to": "recipient@example.com",
3  |  "subject": "Test Email",
4  |  "text": "This is a test email."
5  |  }
```

Response Success:

```
1  {}
2  |  "message": "Email berhasil dikirim"
3  |  }
```

Response Error:

```
1  {}
2  |  "message": "Gagal mengirim email"
3  |  }
```

## Location Endpoints

### 23. Get Location

URL: /location?address=<address>

Method: GET

Description: Get a location based on the address.

Response Success:

```
1  {
2    | "place_id": "12345",
3    | "lat": "-6.175392",
4    | "lon": "106.827153",
5    | "display_name": "Jakarta, Indonesia"
6  }
```

Response Error:

```
1  {
2    | "message": "Lokasi tidak ditemukan"
3  }
```

## Weather Endpoints

### 24. Get Weather

URL: /weather?city=<city>

Method: GET

Description: Get weather data based on the city.

Response Success:

```
1  {
2    | "city": "Jakarta",
3    | "temperature": 30,
4    | "humidity": 70,
5    | "weather": "Cloudy"
6  }
```

Response Error:

```
1  {
2    | "message": "Kota tidak ditemukan"
3  }
```