

Endpoint:

bash

.

Request Format:

json

.

```
"event_name"  "Event Name"
"city_name"   "City Name"
"date"        "YYYY-MM-DD"
"time"        "HH:MM"
"latitude"    12.345
"longitude"   67.890
```

Response Format:

- HTTP Status Code: 201 Created
- Content-Type: application/json

json

.

```
"message"  "Event created successfully"
"event_id" "unique_event_id"
```

Error Codes:

- HTTP Status Code: 400 Bad Request

json

.

```
"error"  "Invalid request body"
```

- HTTP Status Code: 500 Internal Server Error

json

.

```
"error" "Internal server error"
```

Event Finder API:

Endpoint:

arduino

.

Request Parameters:

- `latitude`: User's latitude (float)
- `longitude`: User's longitude (float)
- `date`: Specified date in format YYYY-MM-DD (string)

Response Format:

- HTTP Status Code: 200 OK
- Content-Type: application/json

json

.

```
"events"
```

```
"event_name" "Event Name"
```

```
"city" "City Name"
```

```
"date" "YYYY-MM-DD"
```

```
"weather" "Weather conditions"
```

```
"distance_to_user" 123.45
```

```
"event_name" "Event Name"
```

```
"city" "City Name"
```

```
"date" "YYYY-MM-DD"
```

```
"weather" "Weather conditions"
```

```
"distance_to_user" 123.45
```

Error Codes:

- HTTP Status Code: 400 Bad Request

json

```
"error" "Invalid request parameters"
```

- HTTP Status Code: 500 Internal Server Error

json

```
"error" "Internal server error"
```

Example Usage:

Bash

```
curl -X POST -H "Content-Type: application/json" -d '{
  "event_name": "Example Event",
  "city_name": "Example City",
  "date": "2024-03-01",
  "time": "14:30",
  "latitude": 12.345,
  "longitude": 67.890
}' "https://your-api-url/events/find?latitude=12.345&longitude=67.890&date=2024-03-01"
```