

Event Planner APIs

Introduction

This is a proof-of-concept API project for the Event Planner App. The APIs will help to create a new social-event and allow the public to subscribe to an event.

Source Code Link

Framework & Tools

- Asp.net Core 5.0
- C#
- MediatR (CQRS)
- Azure Cosmos DB
- Azure Service Bus
- Azure Functions

API Controllers

1. Event Controllers

Action method - Create Event

Events

POST /Events

Parameters

Try it out

No parameters

Request body

application/json

Example Value | Schema

```
{  "clientId": "string",  "eventPlanId": "string",  "eventName": "string",  "eventDescription": "string",  "eventStartDate": "2022-04-25T17:44:05.190Z",  "eventEndDate": "2022-04-25T17:44:05.190Z"}
```

Responses

Code	Description	Links
200	Success	No links

Action Method - GetEventsByClientId

GET

/Events/GetByClientId

Parameters

Cancel

Name	Description
clientId string (query)	<input type="text" value="clientId"/>

Execute

Responses

Code	Description	Links
200	Success	No links

2. Subscription Controllers

Action method – GetSubscriptions

POST

/Subscription

Parameters

Try it out

No parameters

Request body

application/json

Example Value | Schema

```
{  "eventId": "string",  "clientId": "string",  "subscriber": {    "subscriberId": "string",    "subscriberName": "string",    "subscriberEmailId": "string",    "subscriberPhone": "string"  }}
```

Responses

Code	Description	Links
200	Success	No links

Action method – Post new Subscription

POST

/Subscription

Parameters

Try it out

No parameters

Request body

application/json

Example Value | Schema

```
{  "eventId": "string",  "clientId": "string",  "subscriber": {    "subscriberId": "string",    "subscriberName": "string",    "subscriberEmailId": "string",    "subscriberPhone": "string"  }}
```

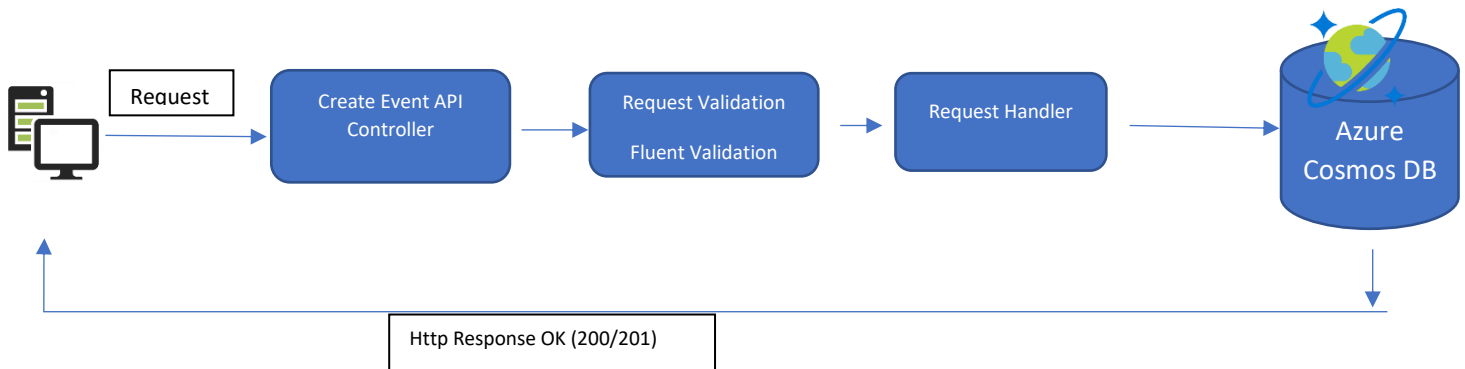
Responses

Code	Description	Links
200	Success	No links

Workflows

The diagram shows the steps & component communications between various services

1. New Event Creation workflow



2. New Subscription workflow

