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

https://github.com/ejashameed/EventPlanner.git

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

Action Method - GetEventsByClientId

```
GET     /Events/GetByClientId

Parameters                                                          Cancel

Name            Description
clientId        ┌─────────────────────────┐
string          │ clientId                │
(query)         └─────────────────────────┘

┌────────────────────────────────────────────────────────────────────┐
│                              Execute                                 │
└────────────────────────────────────────────────────────────────────┘

Responses

Code    Description                                                 Links
200                                                                 No links
        Success
```

2. Subscription Controllers
   Action method – GetSubscriptions

```
POST    /Subscription

Parameters                                                       Try it out

No parameters

Request body                                               application/json  ˅

Example Value | Schema
┌────────────────────────────────────────────────────────────────────┐
│ {                                                                    │
│   "eventPlanId": "string",                                           │
│   "clientId": "string",                                              │
│   "subscriber": {                                                    │
│     "subscriberId": "string",                                        │
│     "subscriberName": "string",                                      │
│     "subscriberEmailId": "string",                                   │
│     "subscriberPhone": "string"                                      │
│   }                                                                  │
│ }                                                                    │
└────────────────────────────────────────────────────────────────────┘

Responses

Code    Description                                                 Links
200                                                                 No links
        Success
```

Action method – Post new Subscription

```
POST    /Subscription

Parameters                                                       Try it out

No parameters

Request body                                               application/json  ˅

Example Value | Schema
┌────────────────────────────────────────────────────────────────────┐
│ {                                                                    │
│   "eventPlanId": "string",                                           │
│   "clientId": "string",                                              │
│   "subscriber": {                                                    │
│     "subscriberId": "string",                                        │
│     "subscriberName": "string",                                      │
│     "subscriberEmailId": "string",                                   │
│     "subscriberPhone": "string"                                      │
│   }                                                                  │
│ }                                                                    │
└────────────────────────────────────────────────────────────────────┘

Responses

Code    Description                                                 Links
200                                                                 No links
        Success
```
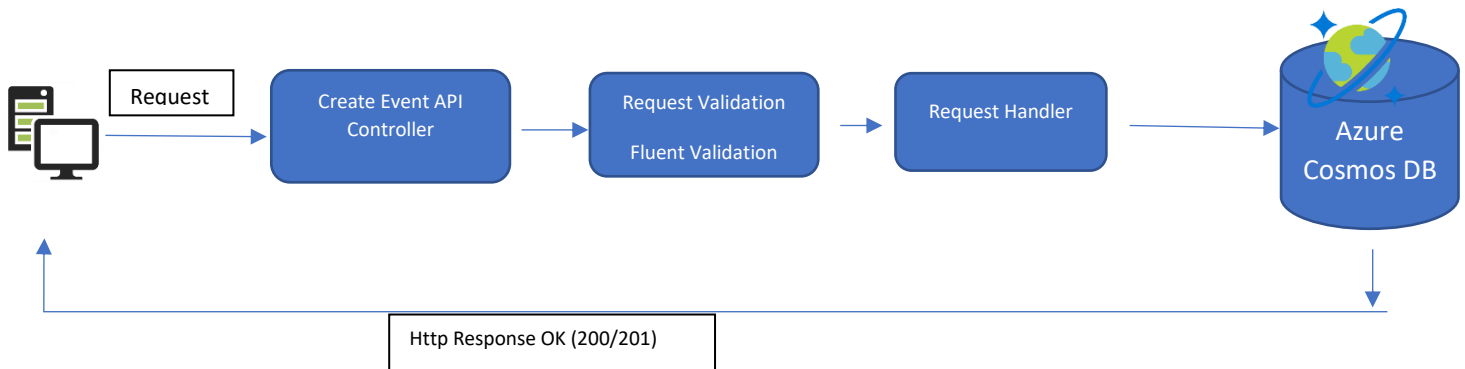
Workflows

The diagram shows the steps & component communications between various services

1. New Event Creation workflow

2. New Subscription workflow