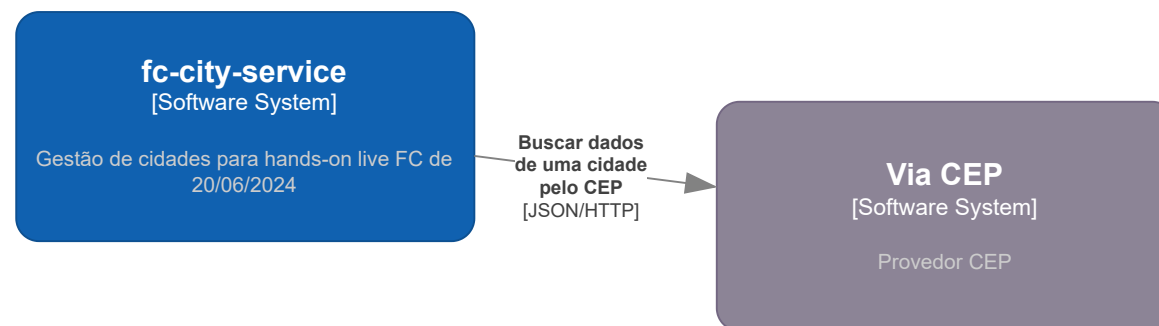


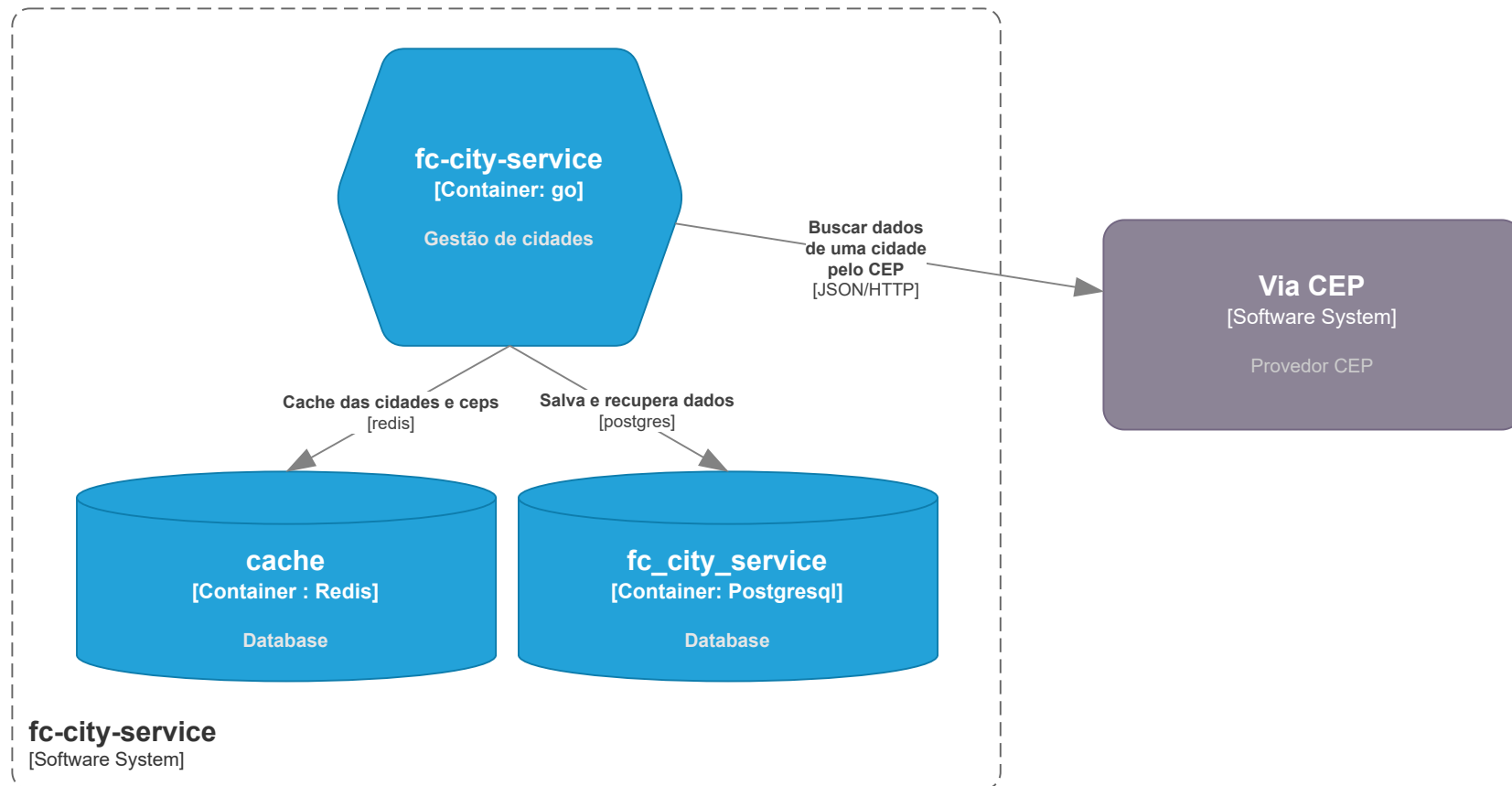
Person
Software System
Container
Component
External Person
External Software System

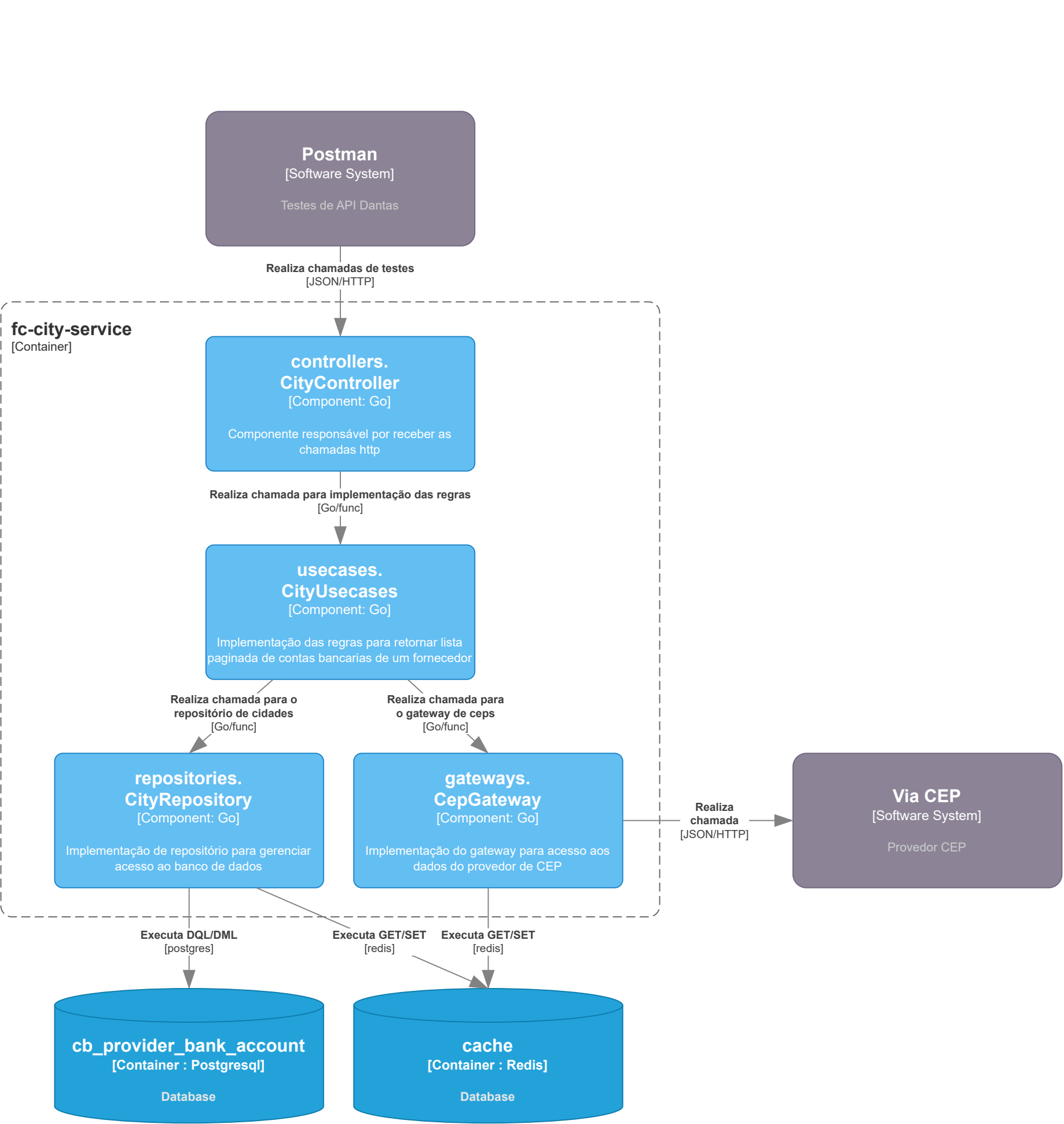
### Legend



Person
Software System
Container
Component
External Person
External Software System

## Legend





Person
Software System
Container
Component
External Person
External Software System

Legend

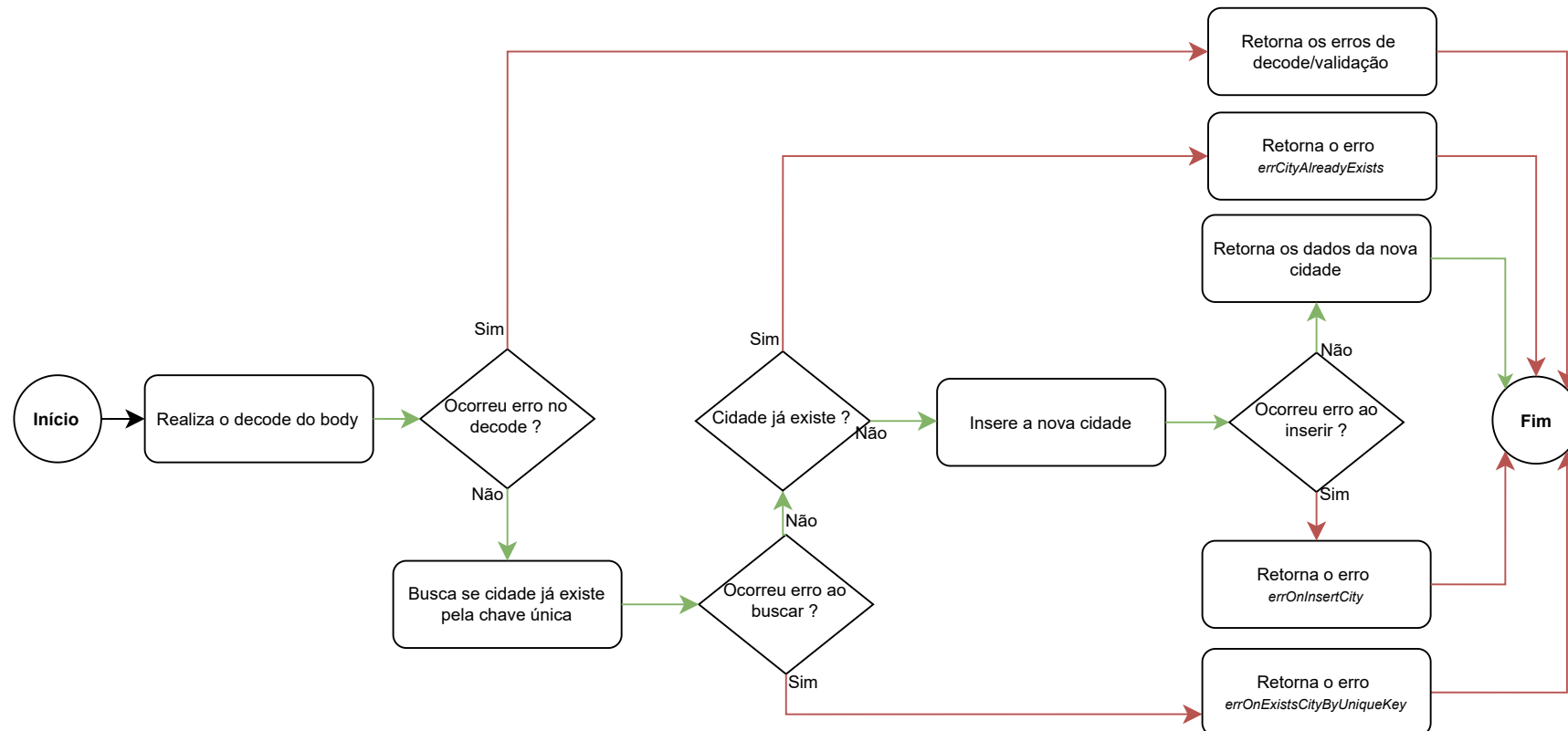
## FLUXO DE CRIAÇÃO DE CIDADE

### CityCreateRequest

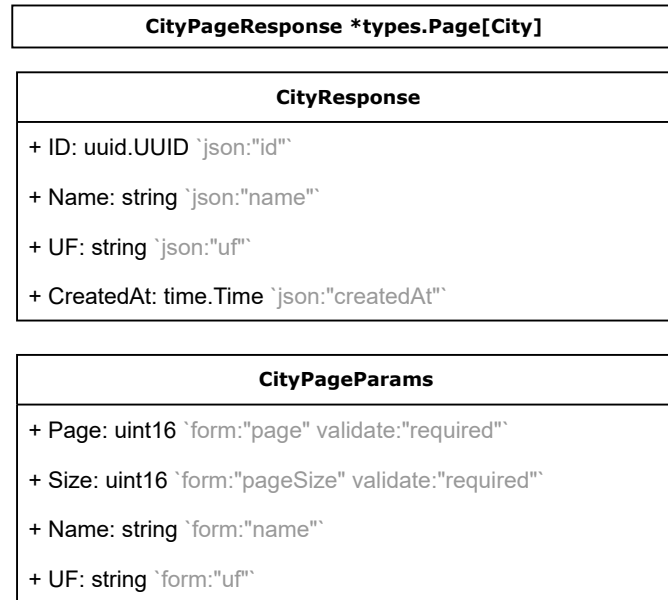
+ Name: string `json:"name" validate:"required"`  
+ UF: string `json:"uf" validate:"required"`

### [POST] /public/cities

```
request_body: {  
  "name": "São Paulo",  
  "uf": "SP"  
}  
  
response_body: {  
  "id": "db9648da-b326-4c19-9053-0bb8a93701ac",  
  "name": "São Paulo",  
  "uf": "SP",  
  "createdAt": "2022-07-29T15:29:10Z"  
}
```



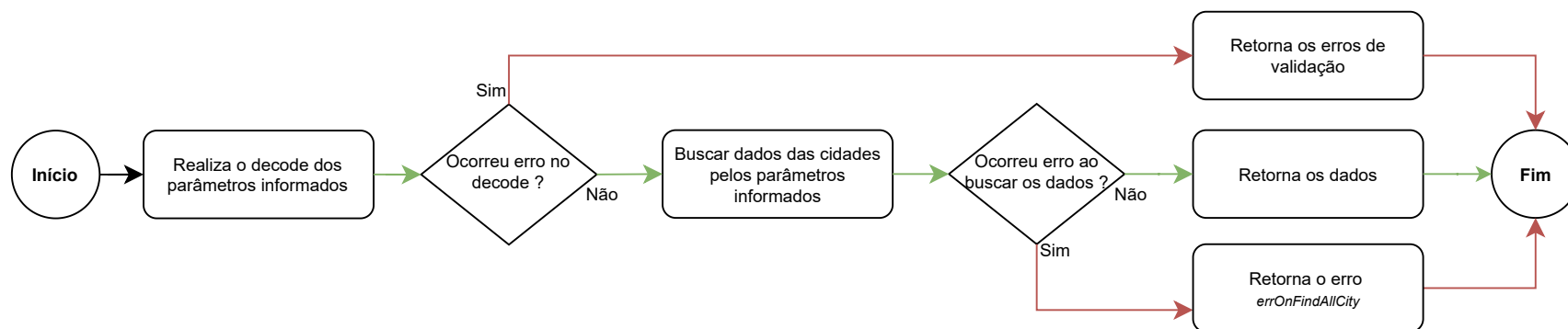
## FLUXO DE BUSCA PÁGINADA DE CIDADES



### [GET] /public/cities

params: page=1 & pageSize=10 & name=São Paulo & uf=SP

```
response_body: {  
  "content": [{  
    "id": "db9648da-b326-4c19-9053-0bb8a93701ac",  
    "name": "São Paulo",  
    "uf": "SP",  
    "createdAt": "2022-07-29T15:29:10Z",  
  }],  
  "totalElements": 1  
}
```



## FLUXO DE BUSCA CACHEADA DE CIDADE PELO CEP

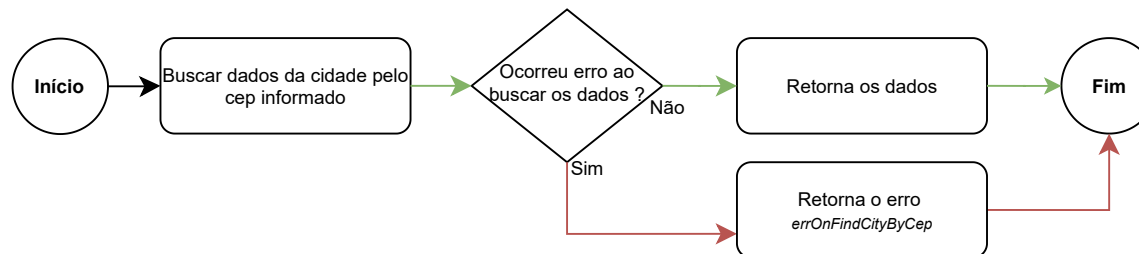
ViaCepCityResponse
+ Name: string `json:"localidade"`
+ UF: string `json:"uf"`

CityByCepResponse
+ Name: string `json:"name"`
+ UF: string `json:"uf"`

**[GET] /public/cities/cep/{cep}**

params: cep=41823400

```
response_body: {  
  "name": "São Paulo",  
  "uf": "SP",  
}
```



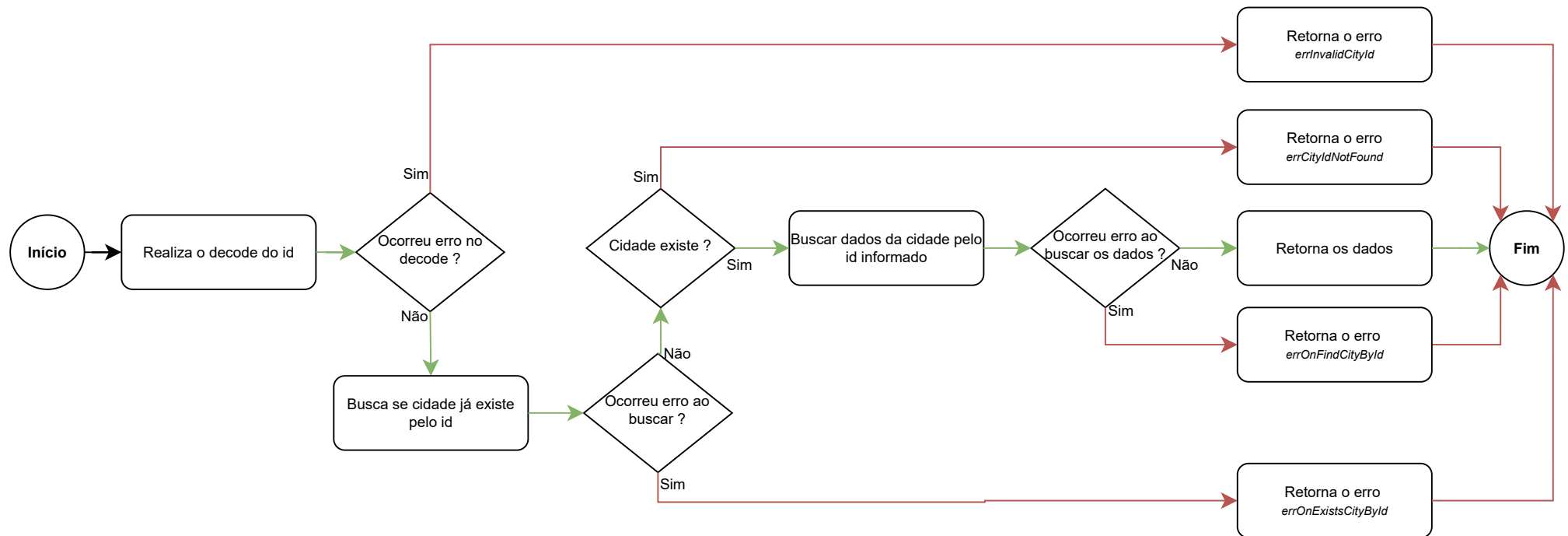
## FLUXO DE BUSCA CACHEADA DE CIDADE PELO ID

CityResponse
+ ID: uuid.UUID `json:"id"`
+ Name: string `json:"name"`
+ UF: string `json:"uf"`
+ CreatedAt: time.Time `json:"createdAt"`

**[GET] /public/cities/{id}**

params: id=db9648da-b326-4c19-9053-0bb8a93701ac

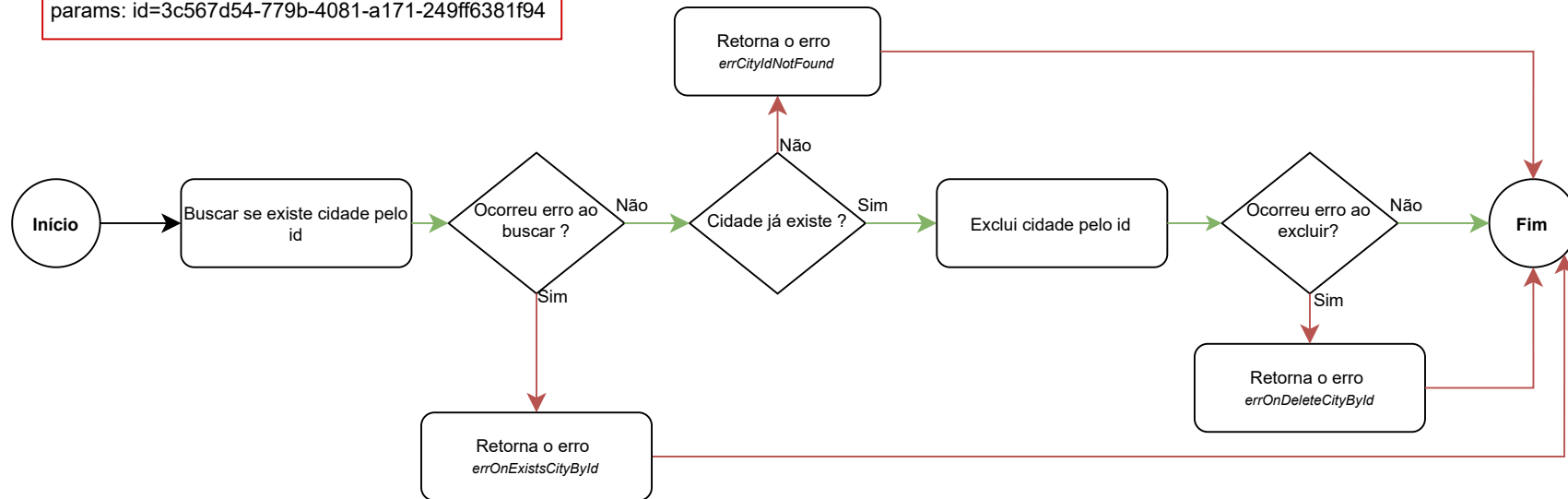
```
response_body: {  
  "id": "db9648da-b326-4c19-9053-0bb8a93701ac",  
  "name": "São Paulo",  
  "uf": "SP",  
  "createdAt": "2022-07-29T15:29:10Z",  
}
```



## FLUXOS DE EXCLUSÃO DE CIDADE

[DELETE] /public/cities/{id}

params: id=3c567d54-779b-4081-a171-249ff6381f94







cities	
PK	id: uuid / not null / uuid_generate_v1mc()
UN	name: text / not null uf: text / not null
	created_at: timestamp / not null / now()