# Firebase Physical Model

**Schema for:**

Model name: Model
Author:
Version:
File name: Realtime Firebase model pathImage.json
File path: D:\Users\ykard\Documents\Stage\Family Organizer App\Realtime Firebase model pathImage.json
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# 1. MODEL

## 1.1 Model Model

### 1.1.1 Model Entity Relationship Diagram
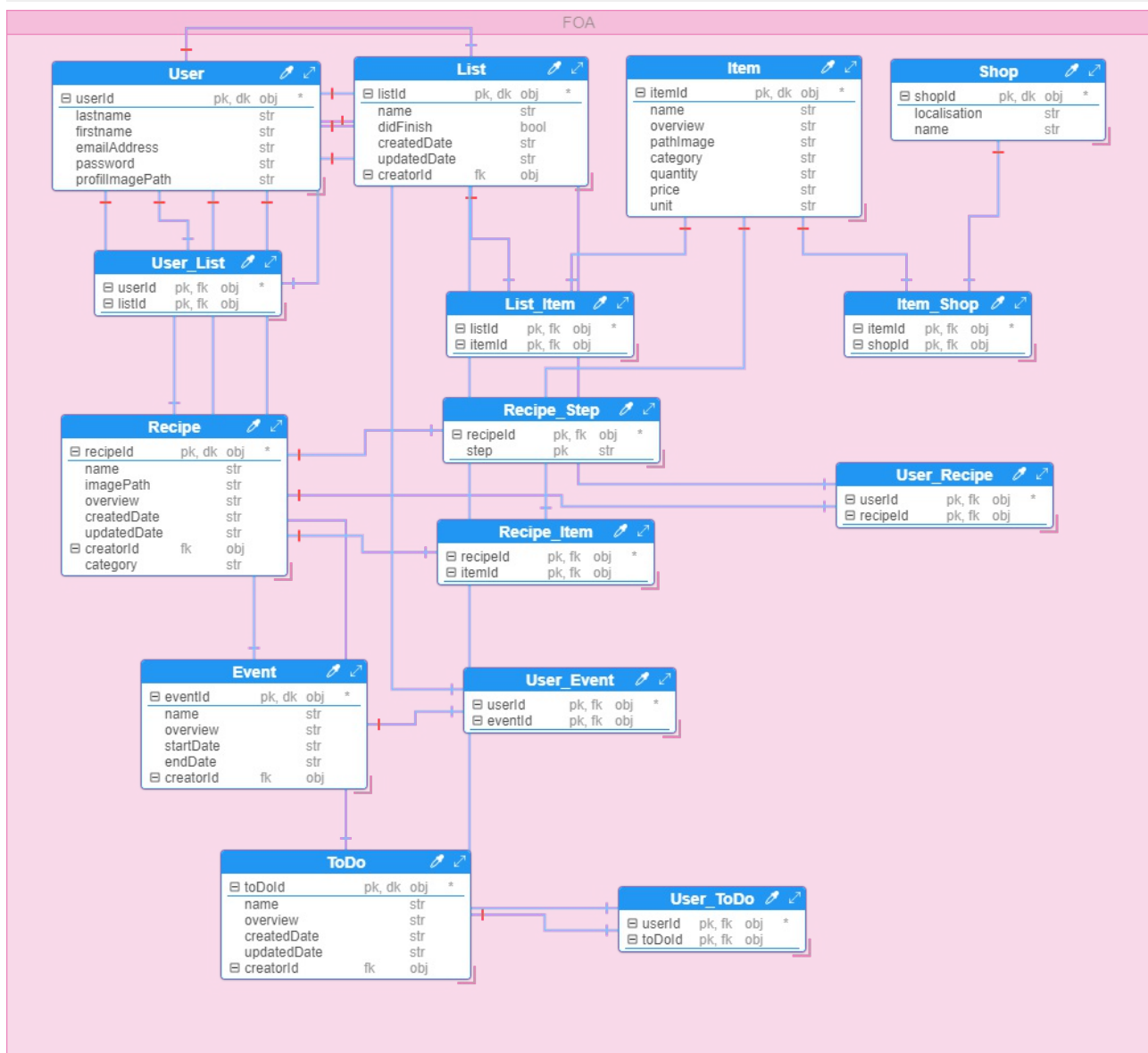
### 1.1.2 Model Properties

| PROPERTY | VALUE |
|---|---|
| Model name | Model |
| Technical name | |
| Description | |
| Author | |
| Version | |
| DB vendor | Realtime Firebase |
| DB version | |
| Project Name | |
| Public-facing name | |
| Comments | |

### 1.1.3 Model Model Definitions

## 2. DATABASES

### 2.1 Database FOA
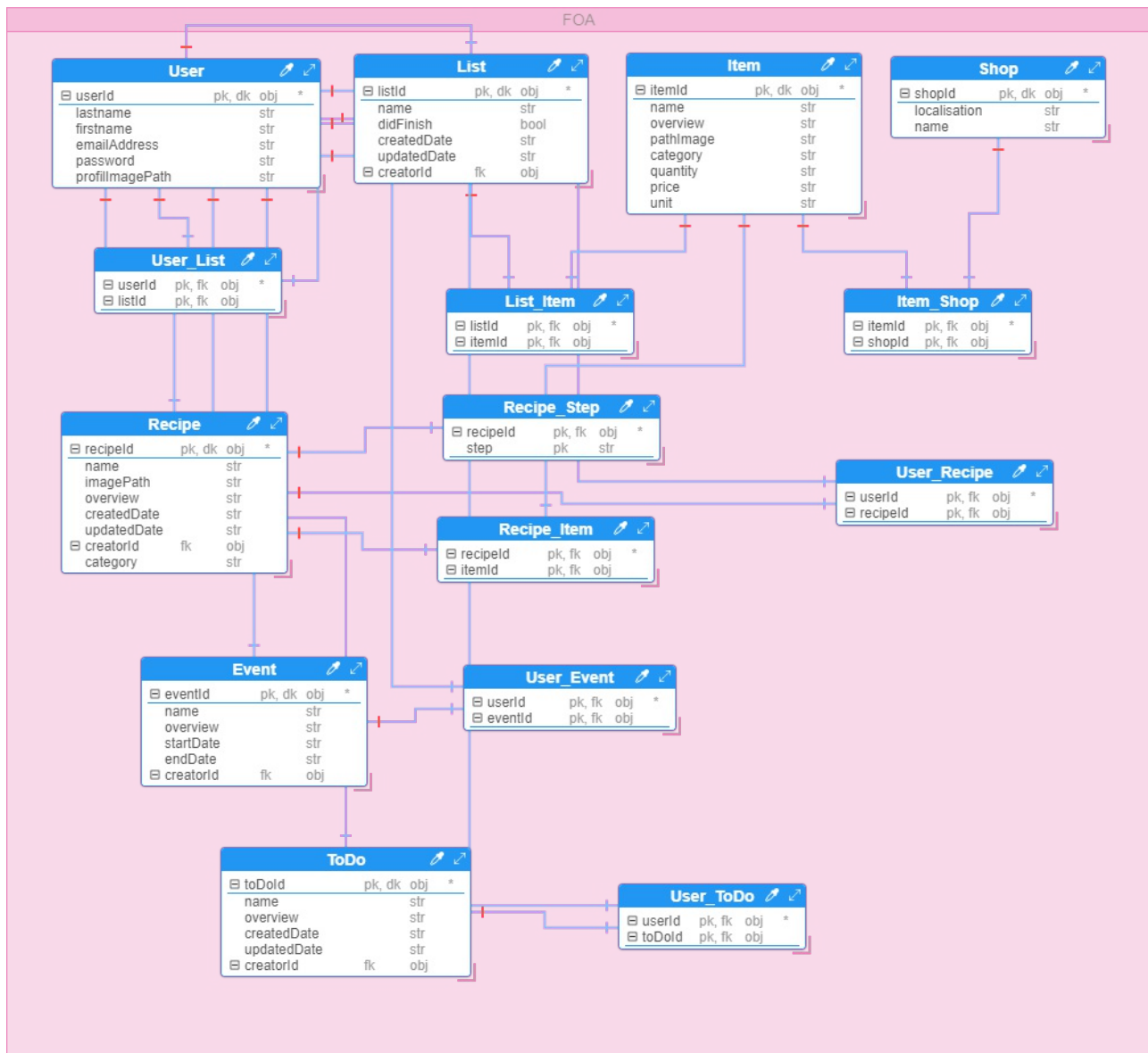
## 2.1.1 FOA Properties

| PROPERTY | VALUE |
|---|---|
| Database name | FOA |
| Technical name | |
| Activated | true |
| **Document id** | |
| Document ID | ^[a-zA-Z0-9_.-]*$ |
| Data type | object |
| Description | |
| Project ID | |
| Web API Key | |
| Comments | |

## 2.1.2 FOA Nodes

### 2.1.2.1 Node Event

#### 2.1.2.1.1 Event Tree Diagram
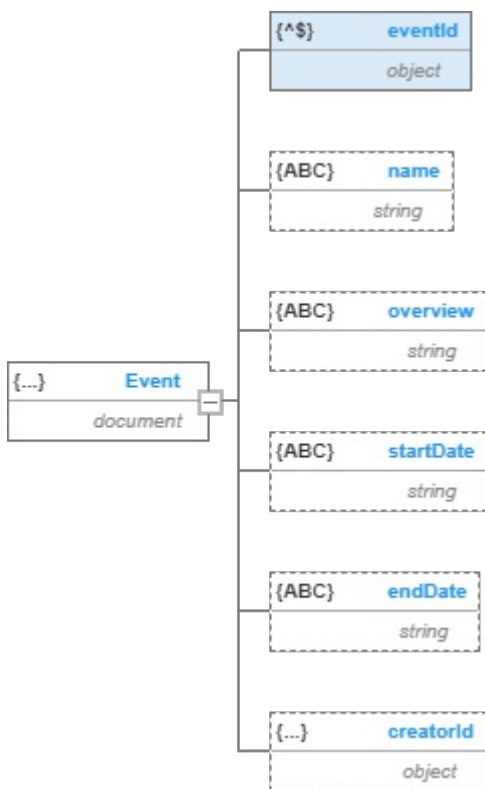
## 2.1.2.1.2 Event Properties

| PROPERTY | VALUE |
|---|---|
| Node | Event |
| Technical name | |
| Activated | true |
| Id | |
| Description | |
| Database | FOA |
| Additional properties | false |
| Comments | |

## 2.1.2.1.3 Event Fields

| FIELD | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|---|---|---|---|---|---|
| eventId | object | true | | | |
| name | string | false | | | |
| overview | string | false | | | |
| startDate | string | false | | | |
| endDate | string | false | | | |
| creatorId | object | false | | | |

## 2.1.2.1.3.1 Field eventId

### 2.1.2.1.3.1.1 eventId Tree Diagram
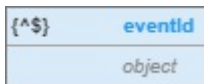


### 2.1.2.1.3.1.2 eventId properties

| PROPERTY | VALUE |
|---|---|
| Name | eventId |
| Activated | true |
| Sample Name | eventId |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Primary key | true |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

### 2.1.2.1.3.2 Field name

### 2.1.2.1.3.2.1 name Tree Diagram

### 2.1.2.1.3.2.2 name properties

| PROPERTY | VALUE |
|---|---|
| Name | name |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.1.3.3 Field overview

### 2.1.2.1.3.3.1 overview Tree Diagram

### 2.1.2.1.3.3.2 overview properties

| PROPERTY | VALUE |
| --- | --- |
| Name | overview |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.1.3.4 Field startDate

### 2.1.2.1.3.4.1 startDate Tree Diagram

{ABC}        startDate
                    string

### 2.1.2.1.3.4.2 startDate properties

| PROPERTY | VALUE |
|---|---|
| Name | startDate |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.1.3.5 Field endDate

### 2.1.2.1.3.5.1 endDate Tree Diagram

### 2.1.2.1.3.5.2 endDate properties

| PROPERTY | VALUE |
|---|---|
| Name | endDate |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

## 2.1.2.1.3.6 Field creatorId

### 2.1.2.1.3.6.1 creatorId Tree Diagram

### 2.1.2.1.3.6.2 creatorId properties

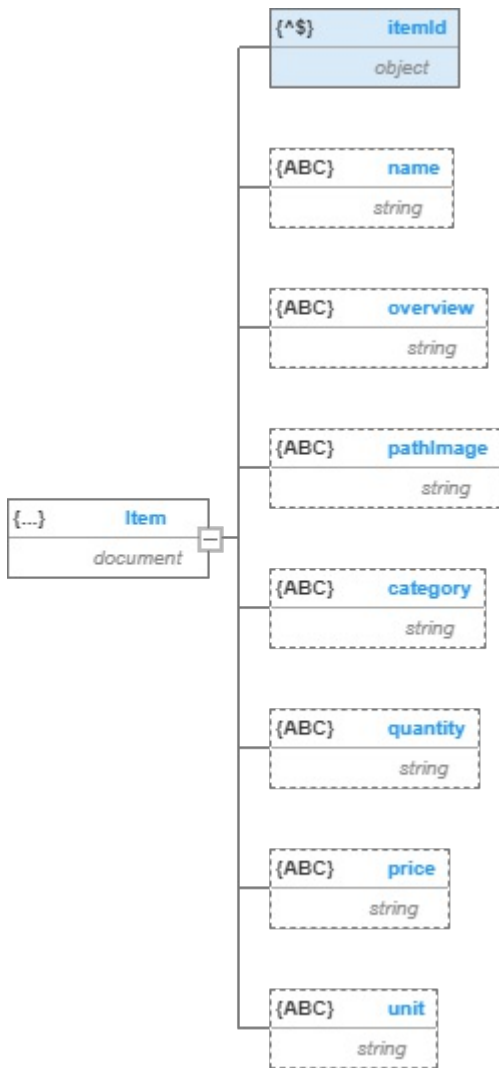| PROPERTY | VALUE |
| --- | --- |
| Name | creatorId |
| Technical name | |
| Activated | true |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | User |
| Foreign field | userId |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

### 2.1.2.1.4 Event JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "Event",
  "additionalProperties": false,
  "properties": {
    "name": {
      "type": "string"
    },
    "overview": {
      "type": "string"
    },
    "startDate": {
      "type": "string"
    },
    "endDate": {
      "type": "string"
    },
    "creatorId": {
      "type": "object",
      "additionalProperties": false
    }
  },
  "required": [
    "eventId"
  ],
  "patternProperties": {
    "eventId": {
      "type": "object",
      "additionalProperties": false
    }
  }
}
```

### 2.1.2.1.5 Event JSON data

```
{
  "eventId": {},
  "name": "Lorem",
  "overview": "Lorem",
  "startDate": "Lorem",
  "endDate": "Lorem"
}
```

### 2.1.2.2 Node Item

### 2.1.2.2.1 Item Tree Diagram
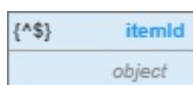
### 2.1.2.2.2 Item Properties

| PROPERTY | VALUE |
|---|---|
| Node | Item |
| Technical name | |
| Activated | true |
| Id | |
| Description | |
| Database | FOA |
| Additional properties | false |
| Comments | |

### 2.1.2.2.3 Item Fields

| FIELD | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-------|------|-----|-----|-------------|----------|
| itemId | object | true | | | |
| name | string | false | | | |
| overview | string | false | | | |
| pathImage | string | false | | | |
| category | string | false | | | |
| quantity | string | false | | | |
| price | string | false | | | |
| unit | string | false | | | |

### 2.1.2.2.3.1 Field itemId

#### 2.1.2.2.3.1.1 itemId Tree Diagram



#### 2.1.2.2.3.1.2 itemId properties

| PROPERTY | VALUE |
|----------|-------|
| Name | itemId |
| Activated | true |
| Sample Name | |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Primary key | true |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

### 2.1.2.2.3.2 Field name

#### 2.1.2.2.3.2.1 name Tree Diagram

### 2.1.2.2.3.2.2 name properties

| PROPERTY | VALUE |
|---|---|
| Name | name |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.2.3.3 Field overview

### 2.1.2.2.3.3.1 overview Tree Diagram

### 2.1.2.2.3.3.2 overview properties

| PROPERTY | VALUE |
|---|---|
| Name | overview |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.2.3.4 Field pathImage

### 2.1.2.2.3.4.1 pathImage Tree Diagram

### 2.1.2.2.3.4.2 pathImage properties

| PROPERTY | VALUE |
| --- | --- |
| Name | pathImage |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

## 2.1.2.2.3.5 Field category

### 2.1.2.2.3.5.1 category Tree Diagram

### 2.1.2.2.3.5.2 category properties

| PROPERTY | VALUE |
|---|---|
| Name | category |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.2.3.6 Field quantity

### 2.1.2.2.3.6.1 quantity Tree Diagram

{ABC}    quantity
              string

### 2.1.2.2.3.6.2 quantity properties

| PROPERTY | VALUE |
| --- | --- |
| Name | quantity |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.2.3.7 Field price

### 2.1.2.2.3.7.1 price Tree Diagram

### 2.1.2.2.3.7.2 price properties

| PROPERTY | VALUE |
| --- | --- |
| Name | price |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.2.3.8 Field unit

### 2.1.2.2.3.8.1 unit Tree Diagram

{ABC}    unit
        string

### 2.1.2.2.3.8.2 unit properties

| PROPERTY | VALUE |
|---|---|
| Name | unit |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.2.4 Item JSON Schema

```
{
    "$schema": "http://json-schema.org/draft-04/schema#",
    "type": "object",
    "title": "Item",
    "additionalProperties": false,
    "properties": {
        "name": {
            "type": "string"
        },
        "overview": {
            "type": "string"
        },
        "pathImage": {
            "type": "string"
        },
        "category": {
            "type": "string"
        },
        "quantity": {
            "type": "string"
        },
        "price": {
            "type": "string"
        },
        "unit": {
            "type": "string"
        }
    },
    "required": [
        "itemId"
    ],
    "patternProperties": {
        "itemId": {
            "type": "object",
            "additionalProperties": false
        }
    }
}
```

### 2.1.2.2.5 Item JSON data

```
{
    "name": "Lorem",
    "overview": "Lorem",
    "pathImage": "Lorem",
    "category": "Lorem",
    "quantity": "Lorem",
    "price": "Lorem",
    "unit": "Lorem"
}
```

## 2.1.2.3 Node Item_Shop

### 2.1.2.3.1 Item_Shop Tree Diagram
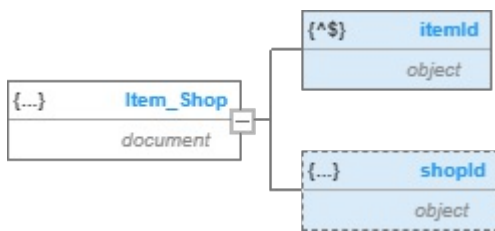


### 2.1.2.3.2 Item_Shop Properties

| PROPERTY | VALUE |
|---|---|
| Node | Item_Shop |
| Technical name | |
| Activated | true |
| Id | |
| Description | |
| Database | FOA |
| Additional properties | false |
| Comments | |

### 2.1.2.3.3 Item_Shop Fields

| FIELD | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|---|---|---|---|---|---|
| itemId | object | true | | | |
| shopId | object | false | | | |

### 2.1.2.3.3.1 Field itemId

#### 2.1.2.3.3.1.1 itemId Tree Diagram

### 2.1.2.3.3.1.2 itemId properties

| PROPERTY | VALUE |
|---|---|
| Name | itemId |
| Activated | true |
| Sample Name | itemId |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Primary key | true |
| Foreign node | Item |
| Foreign field | itemId |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

## 2.1.2.3.3.2 Field shopId

### 2.1.2.3.3.2.1 shopId Tree Diagram
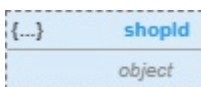


### 2.1.2.3.3.2.2 shopId properties

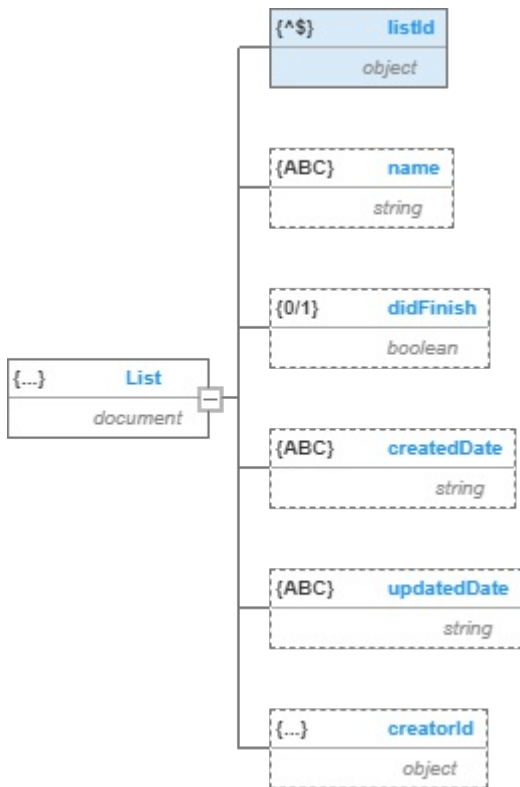| PROPERTY | VALUE |
|---|---|
| Name | shopId |
| Technical name | |
| Activated | true |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | true |
| Foreign node | Shop |
| Foreign field | shopId |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

## 2.1.2.3.4 Item_Shop JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "Item_Shop",
  "additionalProperties": false,
  "properties": {
    "shopId": {
      "type": "object",
      "additionalProperties": false
    }
  },
  "required": [
    "itemId"
  ],
  "patternProperties": {
    "itemId": {
      "type": "object",
      "additionalProperties": false
    }
  }
}
```

### 2.1.2.3.5 Item_Shop JSON data

```
{
  "itemId": {}
}
```

### 2.1.2.4 Node List

### 2.1.2.4.1 List Tree Diagram

### 2.1.2.4.2 List Properties

| PROPERTY | VALUE |
|---|---|
| Node | List |
| Technical name | |
| Activated | true |
| Id | |
| Description | |
| Database | FOA |
| Additional properties | false |
| Comments | |

### 2.1.2.4.3 List Fields

| FIELD | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|---|---|---|---|---|---|
| listId | object | true | | | |
| name | string | false | | | |
| didFinish | boolean | false | | | |
| createdDate | string | false | | | |
| updatedDate | string | false | | | |
| creatorId | object | false | | | |

### 2.1.2.4.3.1 Field listId

### 2.1.2.4.3.1.1 listId Tree Diagram

### 2.1.2.4.3.1.2 listId properties

| PROPERTY | VALUE |
|---|---|
| Name | listId |
| Activated | true |
| Sample Name | |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Primary key | true |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

### 2.1.2.4.3.2 Field name

### 2.1.2.4.3.2.1 name Tree Diagram

### 2.1.2.4.3.2.2 name properties

| PROPERTY | VALUE |
| --- | --- |
| Name | name |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.4.3.3 Field didFinish

### 2.1.2.4.3.3.1 didFinish Tree Diagram

### 2.1.2.4.3.3.2 didFinish properties

| PROPERTY | VALUE |
|---|---|
| Name | didFinish |
| Technical name | |
| Activated | true |
| Id | |
| Type | boolean |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Sample | |
| Comments | |

### 2.1.2.4.3.4 Field createdDate

### 2.1.2.4.3.4.1 createdDate Tree Diagram

{ABC}          createdDate
                     string

### 2.1.2.4.3.4.2 createdDate properties

| PROPERTY | VALUE |
|---|---|
| Name | createdDate |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.4.3.5 Field updatedDate

### 2.1.2.4.3.5.1 updatedDate Tree Diagram

{ABC}     updatedDate
              string

### 2.1.2.4.3.5.2 updatedDate properties

| PROPERTY | VALUE |
| --- | --- |
| Name | updatedDate |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

## 2.1.2.4.3.6 Field creatorId

### 2.1.2.4.3.6.1 creatorId Tree Diagram

### 2.1.2.4.3.6.2 creatorId properties

| PROPERTY | VALUE |
|---|---|
| Name | creatorId |
| Technical name | |
| Activated | true |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

### 2.1.2.4.4 List JSON Schema

```
{
    "$schema": "http://json-schema.org/draft-04/schema#",
    "type": "object",
    "title": "List",
    "additionalProperties": false,
    "properties": {
        "name": {
            "type": "string"
        },
        "didFinish": {
            "type": "boolean"
        },
        "createdDate": {
            "type": "string"
        },
        "updatedDate": {
            "type": "string"
        },
        "creatorId": {
            "type": "object",
            "additionalProperties": false
        }
    },
    "required": [
        "listId"
    ],
    "patternProperties": {
        "listId": {
            "type": "object",
            "additionalProperties": false
        }
    }
}
```

### 2.1.2.4.5 List JSON data

```
{
    "name": "Lorem",
    "didFinish": true,
    "createdDate": "Lorem",
    "updatedDate": "Lorem"
}
```

### 2.1.2.5 Node List_Item

### 2.1.2.5.1 List_Item Tree Diagram
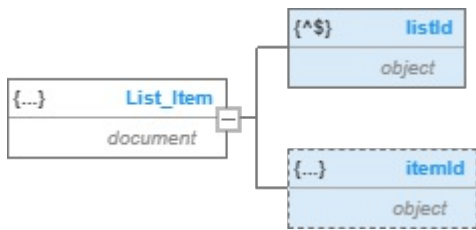
### 2.1.2.5.2 List_Item Properties

| PROPERTY | VALUE |
|---|---|
| Node | List_Item |
| Technical name | |
| Activated | true |
| Id | |
| Description | |
| Database | FOA |
| Additional properties | false |
| Comments | |

### 2.1.2.5.3 List_Item Fields

| FIELD | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|---|---|---|---|---|---|
| listId | object | true | | | |
| itemId | object | false | | | |

### 2.1.2.5.3.1 Field listId

### 2.1.2.5.3.1.1 listId Tree Diagram

### 2.1.2.5.3.1.2 listId properties

| PROPERTY | VALUE |
|---|---|
| Name | listId |
| Activated | true |
| Sample Name | listId |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Primary key | true |
| Foreign node | List |
| Foreign field | listId |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

### 2.1.2.5.3.2 Field itemId

### 2.1.2.5.3.2.1 itemId Tree Diagram



### 2.1.2.5.3.2.2 itemId properties

| PROPERTY | VALUE |
|---|---|
| Name | itemId |
| Technical name | |
| Activated | true |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | true |
| Foreign node | Item |
| Foreign field | itemId |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

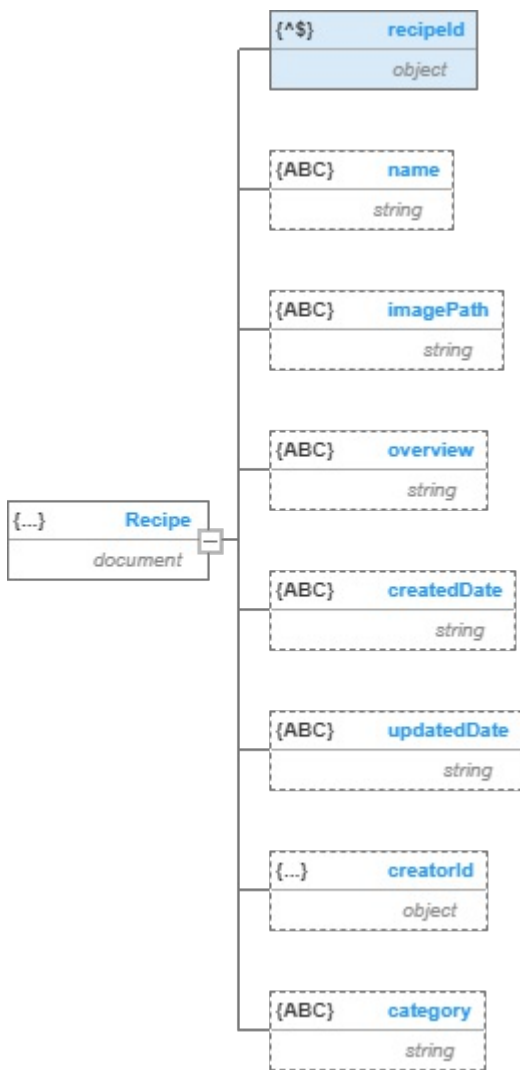### 2.1.2.5.4 List_Item JSON Schema

```
{
    "$schema": "http://json-schema.org/draft-04/schema#",
    "type": "object",
    "title": "List_Item",
    "additionalProperties": false,
    "properties": {
        "itemId": {
            "type": "object",
            "additionalProperties": false
        }
    },
    "required": [
        "listId"
    ],
    "patternProperties": {
        "listId": {
            "type": "object",
            "additionalProperties": false
        }
    }
}
```

### 2.1.2.5.5 List_Item JSON data

```
{
    "listId": {}
}
```

### 2.1.2.6 Node Recipe

### 2.1.2.6.1 Recipe Tree Diagram

### 2.1.2.6.2 Recipe Properties

| PROPERTY | VALUE |
|---|---|
| Node | Recipe |
| Technical name | |
| Activated | true |
| Id | |
| Description | |
| Database | FOA |
| Additional properties | false |
| Comments | |

### 2.1.2.6.3 Recipe Fields

| FIELD | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-------|------|-----|-----|-------------|----------|
| recipeId | object | true | | | |
| name | string | false | | | |
| imagePath | string | false | | | |
| overview | string | false | | | |
| createdDate | string | false | | | |
| updatedDate | string | false | | | |
| creatorId | object | false | | | |
| category | string | false | | | |

### 2.1.2.6.3.1 Field recipeId

#### 2.1.2.6.3.1.1 recipeId Tree Diagram

| {^$} | recipeId |
|------|----------|
| | object |

#### 2.1.2.6.3.1.2 recipeId properties

| PROPERTY | VALUE |
|----------|-------|
| Name | recipeId |
| Activated | true |
| Sample Name | recipeId |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Primary key | true |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

### 2.1.2.6.3.2 Field name

#### 2.1.2.6.3.2.1 name Tree Diagram

| {ABC} | name |
|-------|------|
| | string |

### 2.1.2.6.3.2.2 name properties

| PROPERTY | VALUE |
|---|---|
| Name | name |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.6.3.3 Field imagePath

### 2.1.2.6.3.3.1 imagePath Tree Diagram

### 2.1.2.6.3.3.2 imagePath properties

| PROPERTY | VALUE |
| --- | --- |
| Name | imagePath |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.6.3.4 Field overview

### 2.1.2.6.3.4.1 overview Tree Diagram

### 2.1.2.6.3.4.2 overview properties

| PROPERTY | VALUE |
|---|---|
| Name | overview |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.6.3.5 Field createdDate

### 2.1.2.6.3.5.1 createdDate Tree Diagram

{ABC}      createdDate
                string

### 2.1.2.6.3.5.2 createdDate properties

| PROPERTY | VALUE |
|---|---|
| Name | createdDate |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

## 2.1.2.6.3.6 Field updatedDate

### 2.1.2.6.3.6.1 updatedDate Tree Diagram

### 2.1.2.6.3.6.2 updatedDate properties

| PROPERTY | VALUE |
| --- | --- |
| Name | updatedDate |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.6.3.7 Field creatorId

### 2.1.2.6.3.7.1 creatorId Tree Diagram

### 2.1.2.6.3.7.2 creatorId properties

| PROPERTY | VALUE |
|---|---|
| Name | creatorId |
| Technical name | |
| Activated | true |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

### 2.1.2.6.3.8 Field category

### 2.1.2.6.3.8.1 category Tree Diagram

### 2.1.2.6.3.8.2 category properties

| PROPERTY | VALUE |
|---|---|
| Name | category |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.6.4 Recipe JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "Recipe",
  "additionalProperties": false,
  "properties": {
    "name": {
      "type": "string"
    },
    "imagePath": {
      "type": "string"
    },
    "overview": {
      "type": "string"
    },
    "createdDate": {
      "type": "string"
    },
    "updatedDate": {
      "type": "string"
    },
    "creatorId": {
      "type": "object",
      "additionalProperties": false
    },
    "category": {
      "type": "string"
    }
  },
  "required": [
    "recipeId"
  ],
  "patternProperties": {
    "recipeId": {
      "type": "object",
      "additionalProperties": false
    }
  }
}
```

### 2.1.2.6.5 Recipe JSON data

```
{
    "recipeId": {},
    "name": "Lorem",
    "imagePath": "Lorem",
    "overview": "Lorem",
    "createdDate": "Lorem",
    "updatedDate": "Lorem",
    "category": "Lorem"
}
```

### 2.1.2.7 Node Recipe_Item

#### 2.1.2.7.1 Recipe_Item Tree Diagram
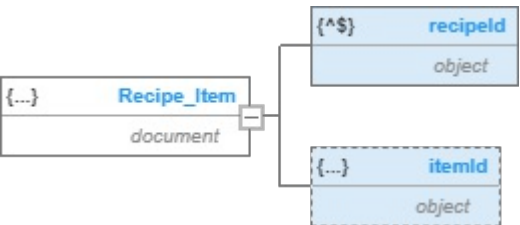


#### 2.1.2.7.2 Recipe_Item Properties

| PROPERTY | VALUE |
|---|---|
| Node | Recipe_Item |
| Technical name | |
| Activated | true |
| Id | |
| Description | |
| Database | FOA |
| Additional properties | false |
| Comments | |

#### 2.1.2.7.3 Recipe_Item Fields

| FIELD | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|---|---|---|---|---|---|
| recipeId | object | true | | | |
| itemId | object | false | | | |

##### 2.1.2.7.3.1 Field recipeId

###### 2.1.2.7.3.1.1 recipeId Tree Diagram

### 2.1.2.7.3.1.2 recipeId properties

| PROPERTY | VALUE |
|---|---|
| Name | recipeId |
| Activated | true |
| Sample Name | recipeId |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Primary key | true |
| Foreign node | Recipe |
| Foreign field | recipeId |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

## 2.1.2.7.3.2 Field itemId

### 2.1.2.7.3.2.1 itemId Tree Diagram



### 2.1.2.7.3.2.2 itemId properties

| PROPERTY | VALUE |
|---|---|
| Name | itemId |
| Technical name | |
| Activated | true |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | true |
| Foreign node | Item |
| Foreign field | itemId |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

## 2.1.2.7.4 Recipe_Item JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "Recipe_Item",
  "additionalProperties": false,
  "properties": {
    "itemId": {
      "type": "object",
      "additionalProperties": false
    }
  },
  "required": [
    "recipeId"
  ],
  "patternProperties": {
    "recipeId": {
      "type": "object",
      "additionalProperties": false
    }
  }
}
```

### 2.1.2.7.5 Recipe_Item JSON data

```
{
  "recipeId": {}
}
```

### 2.1.2.8 Node Recipe_Step

### 2.1.2.8.1 Recipe_Step Tree Diagram
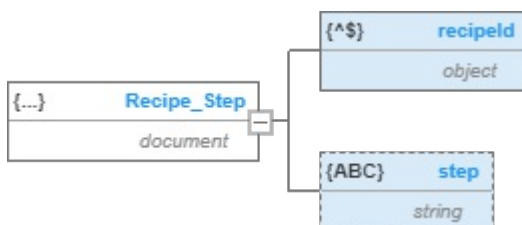


### 2.1.2.8.2 Recipe_Step Properties

| PROPERTY | VALUE |
|---|---|
| Node | Recipe_Step |
| Technical name | |
| Activated | true |
| Id | |
| Description | |
| Database | FOA |
| Additional properties | false |
| Comments | |

### 2.1.2.8.3 Recipe_Step Fields

| FIELD | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|---|---|---|---|---|---|
| recipeId | object | true | | | |
| step | string | false | | | |

#### 2.1.2.8.3.1 Field recipeId

##### 2.1.2.8.3.1.1 recipeId Tree Diagram

| {^$} | recipeId |
|---|---|
| | object |

##### 2.1.2.8.3.1.2 recipeId properties

| PROPERTY | VALUE |
|---|---|
| Name | recipeId |
| Activated | true |
| Sample Name | recipeId |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Primary key | true |
| Foreign node | Recipe |
| Foreign field | recipeId |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

#### 2.1.2.8.3.2 Field step

##### 2.1.2.8.3.2.1 step Tree Diagram

| {ABC} | step |
|---|---|
| | string |

### 2.1.2.8.3.2.2 step properties

| PROPERTY | VALUE |
|---|---|
| Name | step |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | true |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.8.4 Recipe_Step JSON Schema

```
{
    "$schema": "http://json-schema.org/draft-04/schema#",
    "type": "object",
    "title": "Recipe_Step",
    "additionalProperties": false,
    "properties": {
        "step": {
            "type": "string"
        }
    },
    "required": [
        "recipeId"
    ],
    "patternProperties": {
        "recipeId": {
            "type": "object",
            "additionalProperties": false
        }
    }
}
```

### 2.1.2.8.5 Recipe_Step JSON data

```
{
    "recipeId": {},
    "step": "Lorem"
}
```

### 2.1.2.9 Node Shop

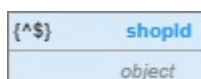#### 2.1.2.9.1 Shop Tree Diagram
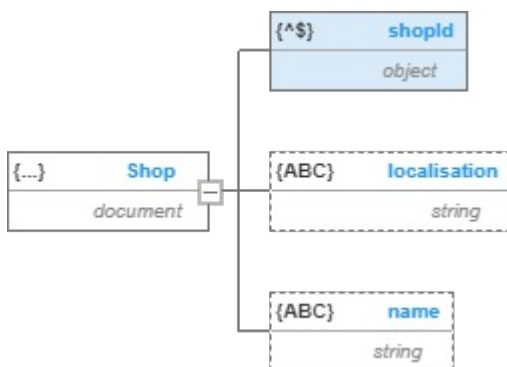


#### 2.1.2.9.2 Shop Properties

| PROPERTY | VALUE |
|---|---|
| Node | Shop |
| Technical name | |
| Activated | true |
| Id | |
| Description | |
| Database | FOA |
| Additional properties | false |
| Comments | |

#### 2.1.2.9.3 Shop Fields

| FIELD | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|---|---|---|---|---|---|
| shopId | object | true | | | |
| localisation | string | false | | | |
| name | string | false | | | |

#### 2.1.2.9.3.1 Field shopId

##### 2.1.2.9.3.1.1 shopId Tree Diagram

### 2.1.2.9.3.1.2 shopId properties

| PROPERTY | VALUE |
|---|---|
| Name | shopId |
| Activated | true |
| Sample Name | shopId |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Primary key | true |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

### 2.1.2.9.3.2 Field localisation

### 2.1.2.9.3.2.1 localisation Tree Diagram

{ABC}    localisation
                string

### 2.1.2.9.3.2.2 localisation properties

| PROPERTY | VALUE |
|---|---|
| Name | localisation |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.9.3.3 Field name

### 2.1.2.9.3.3.1 name Tree Diagram

### 2.1.2.9.3.3.2 name properties

| PROPERTY | VALUE |
|---|---|
| Name | name |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.9.4 Shop JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "Shop",
  "additionalProperties": false,
  "properties": {
    "localisation": {
      "type": "string"
    },
    "name": {
      "type": "string"
    }
  },
  "required": [
    "shopId"
  ],
  "patternProperties": {
    "shopId": {
      "type": "object",
      "additionalProperties": false
    }
  }
}
```

### 2.1.2.9.5 Shop JSON data

```
{
  "shopId": {},
  "localisation": "Lorem",
  "name": "Lorem"
}
```

### 2.1.2.10 Node ToDo

### 2.1.2.10.1 ToDo Tree Diagram
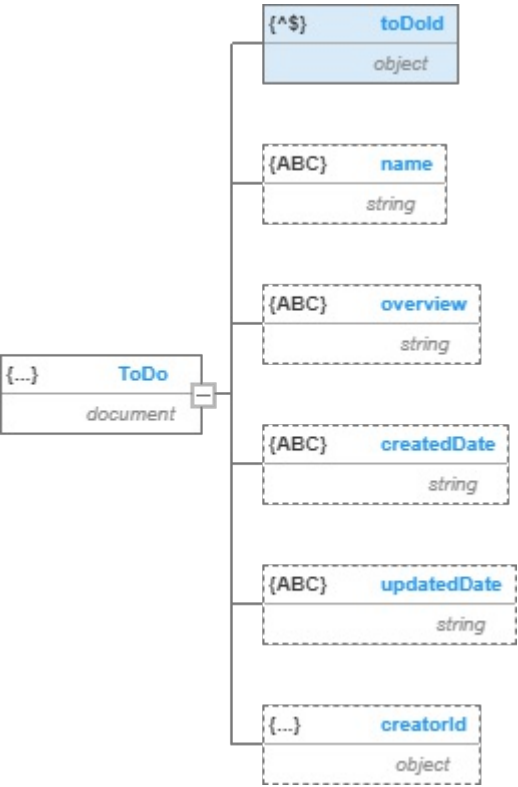
### 2.1.2.10.2 ToDo Properties

| PROPERTY | VALUE |
|---|---|
| Node | ToDo |
| Technical name | |
| Activated | true |
| Id | |
| Description | |
| Database | FOA |
| Additional properties | false |
| Comments | |

### 2.1.2.10.3 ToDo Fields

| FIELD | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|---|---|---|---|---|---|
| toDoId | object | true | | | |
| name | string | false | | | |
| overview | string | false | | | |
| createdDate | string | false | | | |
| updatedDate | string | false | | | |
| creatorId | object | false | | | |

#### 2.1.2.10.3.1 Field toDoId

##### 2.1.2.10.3.1.1 toDoId Tree Diagram
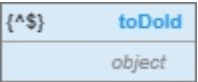
### 2.1.2.10.3.1.2 toDoId properties

| PROPERTY | VALUE |
|---|---|
| Name | toDoId |
| Activated | true |
| Sample Name | toDoId |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Primary key | true |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

### 2.1.2.10.3.2 Field name

### 2.1.2.10.3.2.1 name Tree Diagram

### 2.1.2.10.3.2.2 name properties

| PROPERTY | VALUE |
|---|---|
| Name | name |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.10.3.3 Field overview

### 2.1.2.10.3.3.1 overview Tree Diagram

{ABC}    overview
              string

### 2.1.2.10.3.3.2 overview properties

| PROPERTY | VALUE |
|---|---|
| Name | overview |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.10.3.4 Field createdDate

### 2.1.2.10.3.4.1 createdDate Tree Diagram

### 2.1.2.10.3.4.2 createdDate properties

| PROPERTY | VALUE |
|---|---|
| Name | createdDate |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.10.3.5 Field updatedDate

### 2.1.2.10.3.5.1 updatedDate Tree Diagram

### 2.1.2.10.3.5.2 updatedDate properties

| PROPERTY | VALUE |
| --- | --- |
| Name | updatedDate |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.10.3.6 Field creatorId

### 2.1.2.10.3.6.1 creatorId Tree Diagram

### 2.1.2.10.3.6.2 creatorId properties

| PROPERTY | VALUE |
|---|---|
| Name | creatorId |
| Technical name | |
| Activated | true |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | User |
| Foreign field | userId |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

### 2.1.2.10.4 ToDo JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "ToDo",
  "additionalProperties": false,
  "properties": {
    "name": {
      "type": "string"
    },
    "overview": {
      "type": "string"
    },
    "createdDate": {
      "type": "string"
    },
    "updatedDate": {
      "type": "string"
    },
    "creatorId": {
      "type": "object",
      "additionalProperties": false
    }
  },
  "required": [
    "toDoId"
  ],
  "patternProperties": {
    "toDoId": {
      "type": "object",
      "additionalProperties": false
    }
  }
}
```

## 2.1.2.10.5 ToDo JSON data

```
{
  "toDoId": {},
  "name": "Lorem",
  "overview": "Lorem",
  "createdDate": "Lorem",
  "updatedDate": "Lorem"
}
```

## 2.1.2.11 Node User

### 2.1.2.11.1 User Tree Diagram
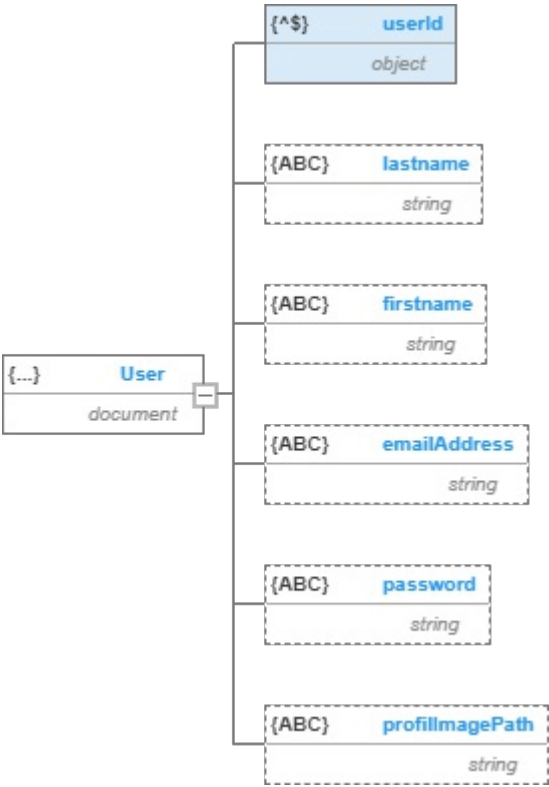
### 2.1.2.11.2 User Properties

| PROPERTY | VALUE |
|----------|-------|
| Node | User |
| Technical name | |
| Activated | true |
| Id | |
| Description | |
| Database | FOA |
| Additional properties | false |
| Comments | |

### 2.1.2.11.3 User Fields

| FIELD | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-------|------|-----|-----|-------------|----------|
| userId | object | true | | | |
| lastname | string | false | | | |
| firstname | string | false | | | |
| emailAddress | string | false | | | |
| password | string | false | | | |
| profilImagePath | string | false | | | |

#### 2.1.2.11.3.1 Field userId

##### 2.1.2.11.3.1.1 userId Tree Diagram
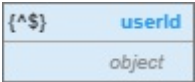
### 2.1.2.11.3.1.2 userId properties

| PROPERTY | VALUE |
|---|---|
| Name | userId |
| Activated | true |
| Sample Name | |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Primary key | true |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

### 2.1.2.11.3.2 Field lastname

### 2.1.2.11.3.2.1 lastname Tree Diagram

{ABC}     lastname
*string*

### 2.1.2.11.3.2.2 lastname properties

| PROPERTY | VALUE |
| --- | --- |
| Name | lastname |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.11.3.3 Field firstname

### 2.1.2.11.3.3.1 firstname Tree Diagram

{ABC}     firstname
             string

### 2.1.2.11.3.3.2 firstname properties

| PROPERTY | VALUE |
|---|---|
| Name | firstname |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.11.3.4 Field emailAddress

### 2.1.2.11.3.4.1 emailAddress Tree Diagram

### 2.1.2.11.3.4.2 emailAddress properties

| PROPERTY | VALUE |
|---|---|
| Name | emailAddress |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.11.3.5 Field password

### 2.1.2.11.3.5.1 password Tree Diagram

### 2.1.2.11.3.5.2 password properties

| PROPERTY | VALUE |
| --- | --- |
| Name | password |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.11.3.6 Field profilImagePath

### 2.1.2.11.3.6.1 profilImagePath Tree Diagram

### 2.1.2.11.3.6.2 profilImagePath properties

| PROPERTY | VALUE |
| --- | --- |
| Name | profilImagePath |
| Technical name | |
| Activated | true |
| Id | |
| Type | string |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | false |
| Foreign node | |
| Foreign field | |
| Relationship type | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Sample | |
| Comments | |
| Other Attribute | |

### 2.1.2.11.4 User JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "User",
  "additionalProperties": false,
  "properties": {
    "lastname": {
      "type": "string"
    },
    "firstname": {
      "type": "string"
    },
    "emailAddress": {
      "type": "string"
    },
    "password": {
      "type": "string"
    },
    "profilImagePath": {
      "type": "string"
    }
  },
  "required": [
    "userId"
  ],
  "patternProperties": {
    "userId": {
      "type": "object",
      "additionalProperties": false
    }
  }
}
```

### 2.1.2.11.5 User JSON data

```
{
  "lastname": "Lorem",
  "firstname": "Lorem",
  "emailAddress": "Lorem",
  "password": "Lorem",
  "profilImagePath": "Lorem"
}
```

## 2.1.2.12 Node User_Event

### 2.1.2.12.1 User_Event Tree Diagram
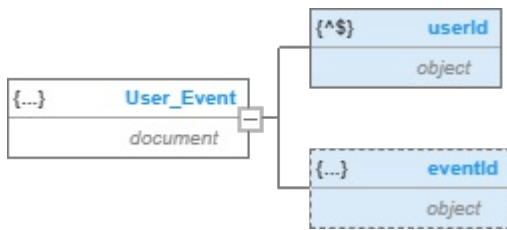
### 2.1.2.12.2 User_Event Properties

| PROPERTY | VALUE |
|----------|-------|
| Node | User_Event |
| Technical name | |
| Activated | true |
| Id | |
| Description | |
| Database | FOA |
| Additional properties | false |
| Comments | |

### 2.1.2.12.3 User_Event Fields

| FIELD | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-------|------|-----|-----|-------------|----------|
| userId | object | true | | | |
| eventId | object | false | | | |

### 2.1.2.12.3.1 Field userId

### 2.1.2.12.3.1.1 userId Tree Diagram

### 2.1.2.12.3.1.2 userId properties

| PROPERTY | VALUE |
|---|---|
| Name | userId |
| Activated | true |
| Sample Name | userId |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Primary key | true |
| Foreign node | User |
| Foreign field | userId |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

### 2.1.2.12.3.2 Field eventId

### 2.1.2.12.3.2.1 eventId Tree Diagram
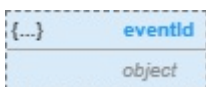


### 2.1.2.12.3.2.2 eventId properties

| PROPERTY | VALUE |
|---|---|
| Name | eventId |
| Technical name | |
| Activated | true |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | true |
| Foreign node | Event |
| Foreign field | eventId |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

### 2.1.2.12.4 User_Event JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "User_Event",
  "additionalProperties": false,
  "properties": {
    "eventId": {
      "type": "object",
      "additionalProperties": false
    }
  },
  "required": [
    "userId"
  ],
  "patternProperties": {
    "userId": {
      "type": "object",
      "additionalProperties": false
    }
  }
}
```

### 2.1.2.12.5 User_Event JSON data

```
{
  "userId": {}
}
```

### 2.1.2.13 Node User_List

#### 2.1.2.13.1 User_List Tree Diagram
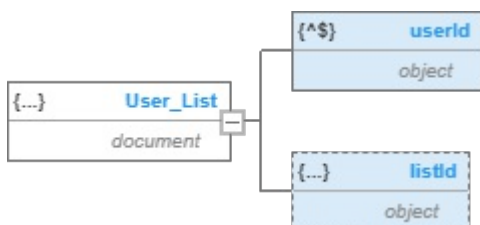


#### 2.1.2.13.2 User_List Properties

| PROPERTY | VALUE |
|---|---|
| Node | User_List |
| Technical name | |
| Activated | true |
| Id | |
| Description | |
| Database | FOA |
| Additional properties | false |
| Comments | |

### 2.1.2.13.3 User_List Fields

| FIELD | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|---|---|---|---|---|---|
| userId | object | true | | | |
| listId | object | false | | | |

#### 2.1.2.13.3.1 Field userId

##### 2.1.2.13.3.1.1 userId Tree Diagram



##### 2.1.2.13.3.1.2 userId properties

| PROPERTY | VALUE |
|---|---|
| Name | userId |
| Activated | true |
| Sample Name | userId |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Primary key | true |
| Foreign node | User |
| Foreign field | userId |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

#### 2.1.2.13.3.2 Field listId

##### 2.1.2.13.3.2.1 listId Tree Diagram

### 2.1.2.13.3.2.2 listId properties

| PROPERTY | VALUE |
|---|---|
| Name | listId |
| Technical name | |
| Activated | true |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | true |
| Foreign node | List |
| Foreign field | listId |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

### 2.1.2.13.4 User_List JSON Schema

```
{
    "$schema": "http://json-schema.org/draft-04/schema#",
    "type": "object",
    "title": "User_List",
    "additionalProperties": false,
    "properties": {
        "listId": {
            "type": "object",
            "additionalProperties": false
        }
    },
    "required": [
        "userId"
    ],
    "patternProperties": {
        "userId": {
            "type": "object",
            "additionalProperties": false
        }
    }
}
```

### 2.1.2.13.5 User_List JSON data

```
{
  "userId": {}
}
```

### 2.1.2.14 Node User_Recipe

#### 2.1.2.14.1 User_Recipe Tree Diagram
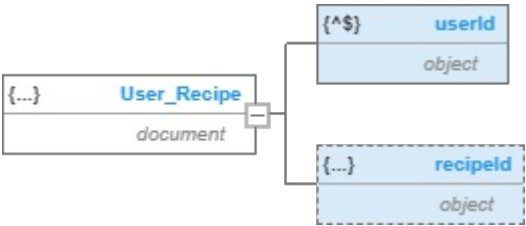


#### 2.1.2.14.2 User_Recipe Properties

| PROPERTY | VALUE |
|---|---|
| Node | User_Recipe |
| Technical name | |
| Activated | true |
| Id | |
| Description | |
| Database | FOA |
| Additional properties | false |
| Comments | |

#### 2.1.2.14.3 User_Recipe Fields

| FIELD | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|---|---|---|---|---|---|
| userId | object | true | | | |
| recipeId | object | false | | | |

##### 2.1.2.14.3.1 Field userId

###### 2.1.2.14.3.1.1 userId Tree Diagram

### 2.1.2.14.3.1.2 userId properties

| PROPERTY | VALUE |
| --- | --- |
| Name | userId |
| Activated | true |
| Sample Name | userId |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Primary key | true |
| Foreign node | User |
| Foreign field | userId |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

## 2.1.2.14.3.2 Field recipeId

### 2.1.2.14.3.2.1 recipeId Tree Diagram



### 2.1.2.14.3.2.2 recipeId properties

| PROPERTY | VALUE |
| --- | --- |
| Name | recipeId |
| Technical name | |
| Activated | true |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | true |
| Foreign node | Recipe |
| Foreign field | recipeId |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

## 2.1.2.14.4 User_Recipe JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "User_Recipe",
  "additionalProperties": false,
  "properties": {
    "recipeId": {
      "type": "object",
      "additionalProperties": false
    }
  },
  "required": [
    "userId"
  ],
  "patternProperties": {
    "userId": {
      "type": "object",
      "additionalProperties": false
    }
  }
}
```

### 2.1.2.14.5 User_Recipe JSON data

```
{
  "userId": {}
}
```

### 2.1.2.15 Node User_ToDo

#### 2.1.2.15.1 User_ToDo Tree Diagram
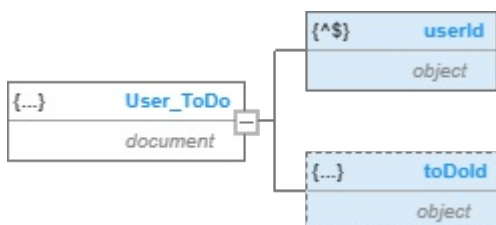


#### 2.1.2.15.2 User_ToDo Properties

| PROPERTY | VALUE |
|---|---|
| Node | User_ToDo |
| Technical name | |
| Activated | true |
| Id | |
| Description | |
| Database | FOA |
| Additional properties | false |
| Comments | |

### 2.1.2.15.3 User_ToDo Fields

| FIELD | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|---|---|---|---|---|---|
| userId | object | true | | | |
| toDoId | object | false | | | |

#### 2.1.2.15.3.1 Field userId

##### 2.1.2.15.3.1.1 userId Tree Diagram



##### 2.1.2.15.3.1.2 userId properties

| PROPERTY | VALUE |
|---|---|
| Name | userId |
| Activated | true |
| Sample Name | userId |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Primary key | true |
| Foreign node | User |
| Foreign field | userId |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

#### 2.1.2.15.3.2 Field toDoId

##### 2.1.2.15.3.2.1 toDoId Tree Diagram

### 2.1.2.15.3.2.2 toDoId properties

| PROPERTY | VALUE |
| --- | --- |
| Name | toDoId |
| Technical name | |
| Activated | true |
| Id | |
| Type | object |
| Description | |
| Dependencies | |
| Required | false |
| Primary key | true |
| Foreign node | |
| Foreign field | |
| Relationship type | Foreign Key |
| Min Properties | |
| Max Properties | |
| Additional properties | false |
| Comments | |

### 2.1.2.15.4 User_ToDo JSON Schema

```
{
    "$schema": "http://json-schema.org/draft-04/schema#",
    "type": "object",
    "title": "User_ToDo",
    "additionalProperties": false,
    "properties": {
        "toDoId": {
            "type": "object",
            "additionalProperties": false
        }
    },
    "required": [
        "userId"
    ],
    "patternProperties": {
        "userId": {
            "type": "object",
            "additionalProperties": false
        }
    }
}
```
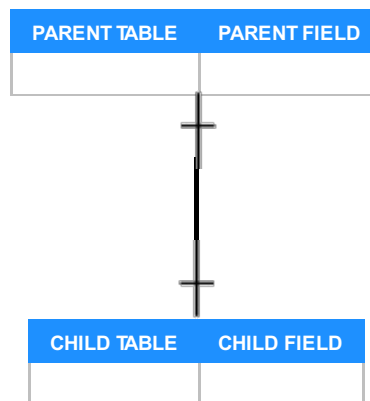
### 2.1.2.15.5 User_ToDo JSON data

```
{
  "userId": {}
}
```

## 3. RELATIONSHIPS

### 3.1 Relationship New Relationship

#### 3.1.1 New Relationship Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
|  |  |

| CHILD TABLE | CHILD FIELD |
|---|---|
|  |  |

#### 3.1.2 New Relationship Properties

| PROPERTY | VALUE |
|---|---|
| Name | New Relationship |
| Description |  |
| Parent Node |  |
| Parent field |  |
| Parent Cardinality | 1 |
| Child Node |  |
| Child field |  |
| Child Cardinality | 1 |
| Comments |  |

### 3.2 Relationship fk Event.eventId to User_Event.eventId

#### 3.2.1 fk Event.eventId to User_Event.eventId Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
| Event | eventId |

| CHILD TABLE | CHILD FIELD |
|---|---|
| User_Event | eventId |
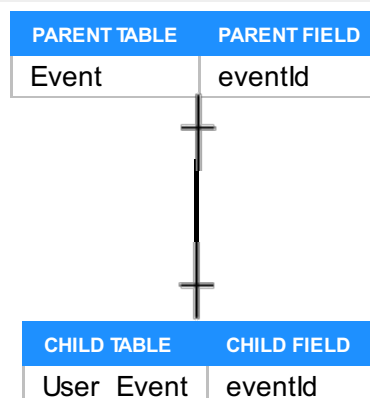
### 3.2.2 fk Event.eventId to User_Event.eventId Properties

| PROPERTY | VALUE |
|---|---|
| Name | fk Event.eventId to User_Event.eventId |
| Description | |
| Parent Node | Event |
| Parent field | eventId |
| Parent Cardinality | 1 |
| Child Node | User_Event |
| Child field | eventId |
| Child Cardinality | 1 |
| Comments | |

## 3.3 Relationship fk Item.itemId to List_Item.itemId

### 3.3.1 fk Item.itemId to List_Item.itemId Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
| Item | itemId |

| CHILD TABLE | CHILD FIELD |
|---|---|
| List_Item | itemId |
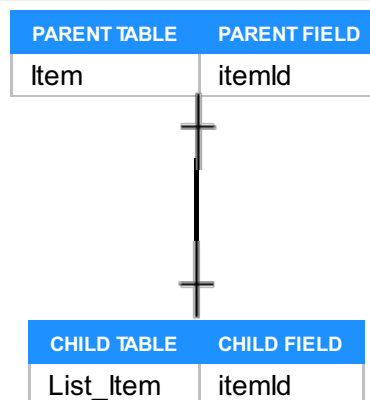
### 3.3.2 fk Item.itemId to List_Item.itemId Properties

| PROPERTY | VALUE |
|---|---|
| Name | fk Item.itemId to List_Item.itemId |
| Description | |
| Parent Node | Item |
| Parent field | itemId |
| Parent Cardinality | 1 |
| Child Node | List_Item |
| Child field | itemId |
| Child Cardinality | 1 |
| Comments | |

## 3.4 Relationship fk Item.itemId to New node.itemId

### 3.4.1 fk Item.itemId to New node.itemId Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
| Item | itemId |

| CHILD TABLE | CHILD FIELD |
|---|---|
| Item_Shop | itemId |
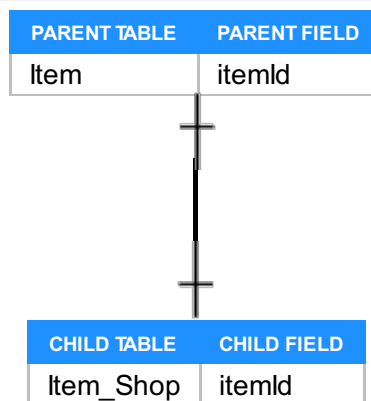
### 3.4.2 fk Item.itemId to New node.itemId Properties

| PROPERTY | VALUE |
|---|---|
| Name | fk Item.itemId to New node.itemId |
| Description | |
| Parent Node | Item |
| Parent field | itemId |
| Parent Cardinality | 1 |
| Child Node | Item_Shop |
| Child field | itemId |
| Child Cardinality | 1 |
| Comments | |

## 3.5 Relationship fk Item.itemId to Recipe_Item.itemId

### 3.5.1 fk Item.itemId to Recipe_Item.itemId Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
| Item | itemId |

| CHILD TABLE | CHILD FIELD |
|---|---|
| Recipe_Item | itemId |
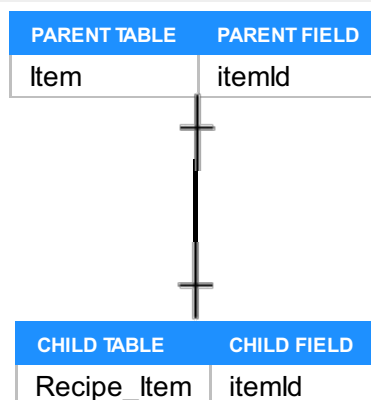
### 3.5.2 fk Item.itemId to Recipe_Item.itemId Properties

| PROPERTY | VALUE |
| --- | --- |
| Name | fk Item.itemId to Recipe_Item.itemId |
| Description | |
| Parent Node | Item |
| Parent field | itemId |
| Parent Cardinality | 1 |
| Child Node | Recipe_Item |
| Child field | itemId |
| Child Cardinality | 1 |
| Comments | |

## 3.6 Relationship fk List.listId to List_Item.listId

### 3.6.1 fk List.listId to List_Item.listId Diagram

| PARENT TABLE | PARENT FIELD |
| --- | --- |
| List | listId |

| CHILD TABLE | CHILD FIELD |
| --- | --- |
| List_Item | listId |
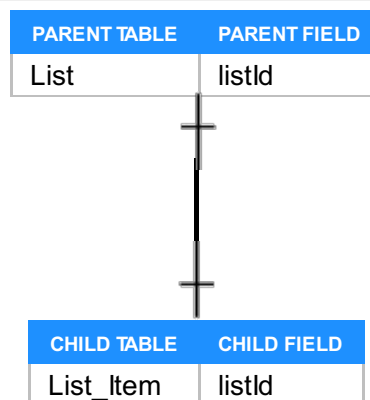
### 3.6.2 fk List.listId to List_Item.listId Properties

| PROPERTY | VALUE |
| --- | --- |
| Name | fk List.listId to List_Item.listId |
| Description | |
| Parent Node | List |
| Parent field | listId |
| Parent Cardinality | 1 |
| Child Node | List_Item |
| Child field | listId |
| Child Cardinality | 1 |
| Comments | |

## 3.7 Relationship fk List.listId to User_List.listId

### 3.7.1 fk List.listId to User_List.listId Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
| List | listId |

| CHILD TABLE | CHILD FIELD |
|---|---|
| User_List | listId |
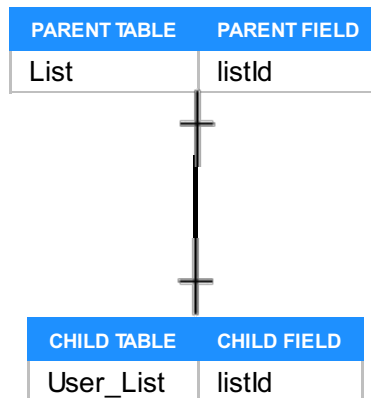
### 3.7.2 fk List.listId to User_List.listId Properties

| PROPERTY | VALUE |
|---|---|
| Name | fk List.listId to User_List.listId |
| Description | |
| Parent Node | List |
| Parent field | listId |
| Parent Cardinality | 1 |
| Child Node | User_List |
| Child field | listId |
| Child Cardinality | 1 |
| Comments | |

## 3.8 Relationship fk Recipe.recipeId to Recipe_Item.recipeId

### 3.8.1 fk Recipe.recipeId to Recipe_Item.recipeId Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
| Recipe | recipeId |

| CHILD TABLE | CHILD FIELD |
|---|---|
| Recipe_Item | recipeId |
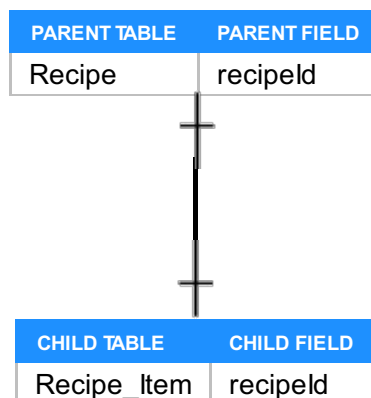
### 3.8.2 fk Recipe.recipeId to Recipe_Item.recipeId Properties

| PROPERTY | VALUE |
|---|---|
| Name | fk Recipe.recipeId to Recipe_Item.recipeId |
| Description | |
| Parent Node | Recipe |
| Parent field | recipeId |
| Parent Cardinality | 1 |
| Child Node | Recipe_Item |
| Child field | recipeId |
| Child Cardinality | 1 |
| Comments | |

## 3.9 Relationship fk Recipe.recipeId to Recipe_Step.recipeId

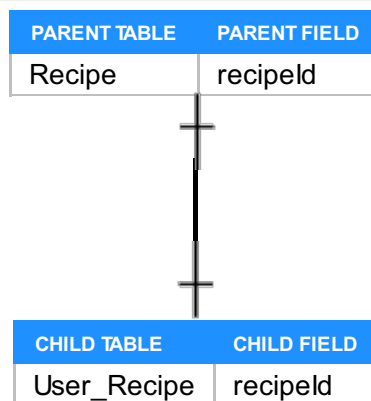### 3.9.1 fk Recipe.recipeId to Recipe_Step.recipeId Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
| Recipe | recipeId |

| CHILD TABLE | CHILD FIELD |
|---|---|
| Recipe_Step | recipeId |
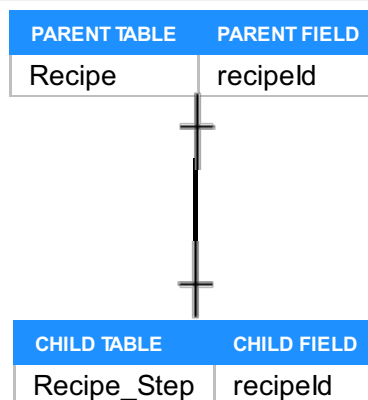
### 3.9.2 fk Recipe.recipeId to Recipe_Step.recipeId Properties

| PROPERTY | VALUE |
|---|---|
| Name | fk Recipe.recipeId to Recipe_Step.recipeId |
| Description | |
| Parent Node | Recipe |
| Parent field | recipeId |
| Parent Cardinality | 1 |
| Child Node | Recipe_Step |
| Child field | recipeId |
| Child Cardinality | 1 |
| Comments | |

## 3.10 Relationship fk Recipe.recipeId to User_Recipe.recipeId
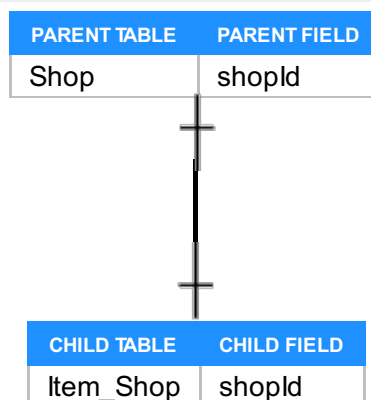
### 3.10.1 fk Recipe.recipeId to User_Recipe.recipeId Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
| Recipe | recipeId |

| CHILD TABLE | CHILD FIELD |
|---|---|
| User_Recipe | recipeId |

### 3.10.2 fk Recipe.recipeId to User_Recipe.recipeId Properties

| PROPERTY | VALUE |
|---|---|
| Name | fk Recipe.recipeId to User_Recipe.recipeId |
| Description | |
| Parent Node | Recipe |
| Parent field | recipeId |
| Parent Cardinality | 1 |
| Child Node | User_Recipe |
| Child field | recipeId |
| Child Cardinality | 1 |
| Comments | |

## 3.11 Relationship fk Shop.shopId to Item_Shop.shopId
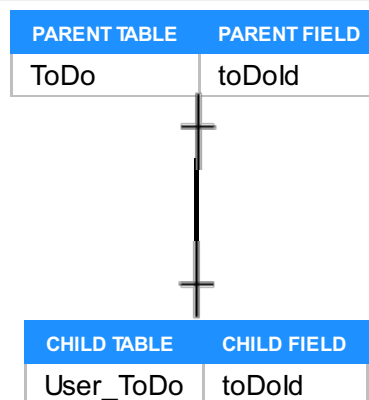
### 3.11.1 fk Shop.shopId to Item_Shop.shopId Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
| Shop | shopId |

| CHILD TABLE | CHILD FIELD |
|---|---|
| Item_Shop | shopId |

### 3.11.2 fk Shop.shopId to Item_Shop.shopId Properties

| PROPERTY | VALUE |
|---|---|
| Name | fk Shop.shopId to Item_Shop.shopId |
| Description | |
| Parent Node | Shop |
| Parent field | shopId |
| Parent Cardinality | 1 |
| Child Node | Item_Shop |
| Child field | shopId |
| Child Cardinality | 1 |
| Comments | |

## 3.12 Relationship fk ToDo.toDoId to User_ToDo.New field

### 3.12.1 fk ToDo.toDoId to User_ToDo.New field Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
| ToDo | toDoId |

| CHILD TABLE | CHILD FIELD |
|---|---|
| User_ToDo | toDoId |

### 3.12.2 fk ToDo.toDoId to User_ToDo.New field Properties

| PROPERTY | VALUE |
|---|---|
| Name | fk ToDo.toDoId to User_ToDo.New field |
| Description | |
| Parent Node | ToDo |
| Parent field | toDoId |
| Parent Cardinality | 1 |
| Child Node | User_ToDo |
| Child field | toDoId |
| Child Cardinality | 1 |
| Comments | |

## 3.13 Relationship fk User.userId to Event.creatorId

### 3.13.1 fk User.userId to Event.creatorId Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
| User | userId |

| CHILD TABLE | CHILD FIELD |
|---|---|
| Event | creatorId |
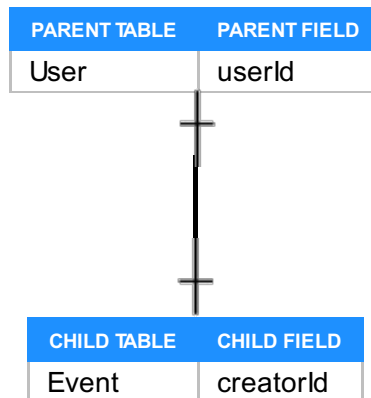
### 3.13.2 fk User.userId to Event.creatorId Properties

| PROPERTY | VALUE |
|---|---|
| Name | fk User.userId to Event.creatorId |
| Description | |
| Parent Node | User |
| Parent field | userId |
| Parent Cardinality | 1 |
| Child Node | Event |
| Child field | creatorId |
| Child Cardinality | 1 |
| Comments | |

## 3.14 Relationship fk User.userId to List.creatorId

### 3.14.1 fk User.userId to List.creatorId Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
| User | userId |

| CHILD TABLE | CHILD FIELD |
|---|---|
| List | creatorId |
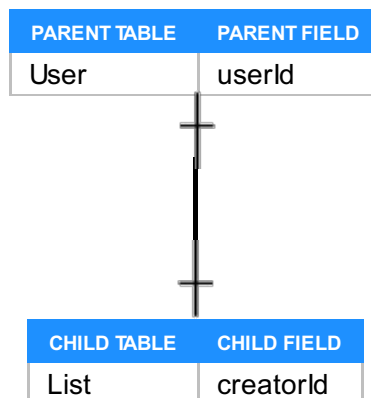
### 3.14.2 fk User.userId to List.creatorId Properties

| PROPERTY | VALUE |
|---|---|
| Name | fk User.userId to List.creatorId |
| Description | |
| Parent Node | User |
| Parent field | userId |
| Parent Cardinality | 1 |
| Child Node | List |
| Child field | creatorId |
| Child Cardinality | 1 |
| Comments | |

## 3.15 Relationship fk User.userId to Recipe.creatorId

### 3.15.1 fk User.userId to Recipe.creatorId Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
| User | userId |

| CHILD TABLE | CHILD FIELD |
|---|---|
| Recipe | creatorId |
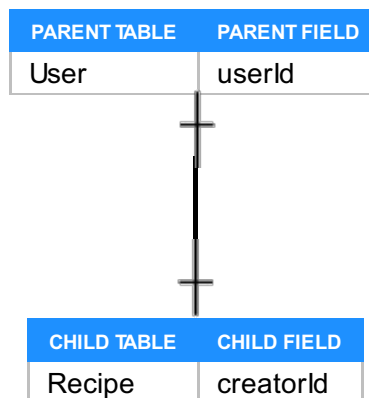
### 3.15.2 fk User.userId to Recipe.creatorId Properties

| PROPERTY | VALUE |
|---|---|
| Name | fk User.userId to Recipe.creatorId |
| Description | |
| Parent Node | User |
| Parent field | userId |
| Parent Cardinality | 1 |
| Child Node | Recipe |
| Child field | creatorId |
| Child Cardinality | 1 |
| Comments | |

## 3.16 Relationship fk User.userId to ToDo.creatorId

### 3.16.1 fk User.userId to ToDo.creatorId Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
| User | userId |

| CHILD TABLE | CHILD FIELD |
|---|---|
| ToDo | creatorId |
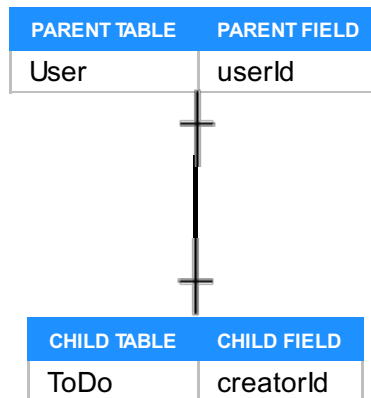
### 3.16.2 fk User.userId to ToDo.creatorId Properties

| PROPERTY | VALUE |
|---|---|
| Name | fk User.userId to ToDo.creatorId |
| Description | |
| Parent Node | User |
| Parent field | userId |
| Parent Cardinality | 1 |
| Child Node | ToDo |
| Child field | creatorId |
| Child Cardinality | 1 |
| Comments | |

## 3.17 Relationship fk User.userId to User_Event.userId

### 3.17.1 fk User.userId to User_Event.userId Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
| User | userId |

| CHILD TABLE | CHILD FIELD |
|---|---|
| User_Event | userId |
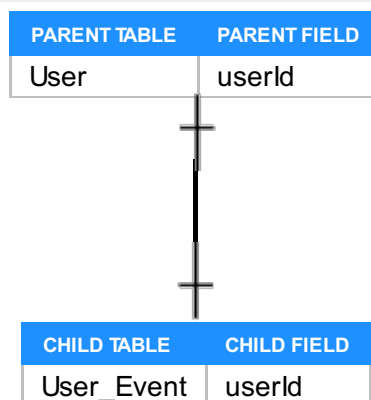
### 3.17.2 fk User.userId to User_Event.userId Properties

| PROPERTY | VALUE |
|---|---|
| Name | fk User.userId to User_Event.userId |
| Description | |
| Parent Node | User |
| Parent field | userId |
| Parent Cardinality | 1 |
| Child Node | User_Event |
| Child field | userId |
| Child Cardinality | 1 |
| Comments | |

## 3.18 Relationship fk User.userId to User_List.userId

### 3.18.1 fk User.userId to User_List.userId Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
| User | userId |

| CHILD TABLE | CHILD FIELD |
|---|---|
| User_List | userId |
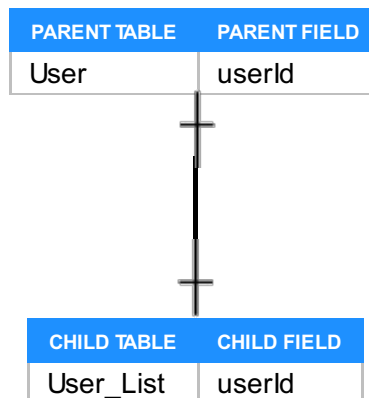
### 3.18.2 fk User.userId to User_List.userId Properties

| PROPERTY | VALUE |
|---|---|
| Name | fk User.userId to User_List.userId |
| Description | |
| Parent Node | User |
| Parent field | userId |
| Parent Cardinality | 1 |
| Child Node | User_List |
| Child field | userId |
| Child Cardinality | 1 |
| Comments | |

## 3.19 Relationship fk User.userId to User_Recipe.userId

### 3.19.1 fk User.userId to User_Recipe.userId Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
| User | userId |

| CHILD TABLE | CHILD FIELD |
|---|---|
| User_Recipe | userId |
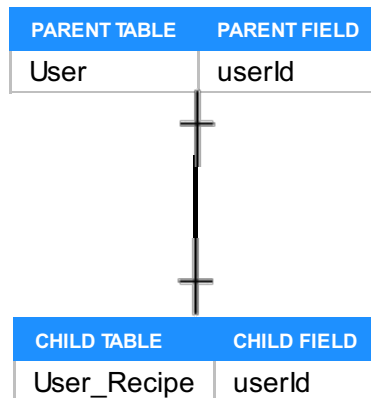
### 3.19.2 fk User.userId to User_Recipe.userId Properties

| PROPERTY | VALUE |
|---|---|
| Name | fk User.userId to User_Recipe.userId |
| Description | |
| Parent Node | User |
| Parent field | userId |
| Parent Cardinality | 1 |
| Child Node | User_Recipe |
| Child field | userId |
| Child Cardinality | 1 |
| Comments | |

## 3.20 Relationship fk User.userId to User_ToDo.userId

### 3.20.1 fk User.userId to User_ToDo.userId Diagram

| PARENT TABLE | PARENT FIELD |
|---|---|
| User | userId |

| CHILD TABLE | CHILD FIELD |
|---|---|
| User_ToDo | userId |
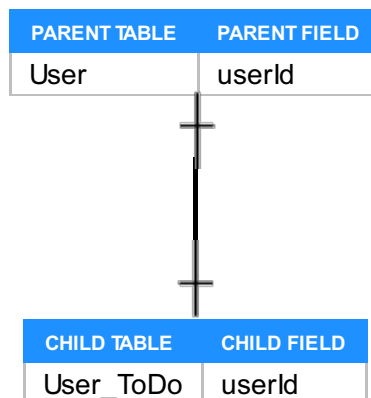
### 3.20.2 fk User.userId to User_ToDo.userId Properties

| PROPERTY | VALUE |
| --- | --- |
| Name | fk User.userId to User_ToDo.userId |
| Description | |
| Parent Node | User |
| Parent field | userId |
| Parent Cardinality | 1 |
| Child Node | User_ToDo |
| Child field | userId |
| Child Cardinality | 1 |
| Comments | |