

## Catatan Penting:

Untuk menjalankan aplikasi bisa dengan 2 cara :

### 1. Melalui jar

- Buka project
- Arahkan ke folder target di terminal (cd target)
- Ketik di terminal (Java -jar .\Yari-Rinaldi.jar)

### 2. Running manual

- Buka project
- Ketik di terminal mvn spring-boot:run

Dalam project dibagi menjadi 4 RestAPI

### 1. Retrieve room type

Digunakan untuk melihat list kamar beserta deskripsi dan harganya

GET : localhost:8080/java/tricada/intronik/v1.0/tritronik/roomstype

Request:

```
{
  "parameter": {
    "data": {
    }
  }
}
```

Response:

```
{
  "status": {
    "responsecode": "0000",
    "responsedesc": "Success",
    "responsemessage": "rooms data has been successfully displayed"
  },
  "result": [
    {
      "id": 1.0,
```

```
    "roomtype": "single",
    "description": "A single room is designed for one person. It typically has a bed, a dresser,
a nightstand, and a desk.",
    "price": 500000.0
  },
  {
    "id": 2.0,
    "roomtype": "double",
    "description": "A double room is designed for two people. It typically has a queen-
sized bed or two double beds. It may also have a dresser, a nightstand, and a desk.",
    "price": 750000.0
  },
  {
    "id": 3.0,
    "roomtype": "twin",
    "description": "A twin room is designed for two people. It typically has two twin-
sized beds. It may also have a dresser, a nightstand, and a desk.",
    "price": 600000.0
  },
  {
    "id": 4.0,
    "roomtype": "deluxe",
    "description": "A deluxe room is a larger and more luxurious version of a standard room.
It typically has a king-sized bed, a sofa bed, a dresser, a nightstand, a desk, and a sitting area.",
    "price": 1000000.0
  },
  {
    "id": 5.0,
    "roomtype": "suite",
    "description": "A suite is a large room that combines a bedroom and a living room. It ma
y also have a kitchenette, a dining area, and a balcony.",
    "price": 1500000.0
  },
  {
    "id": 6.0,
    "roomtype": "family",
    "description": "A family room is designed for families with children. It typically has two
bedrooms, a living room, and a kitchenette.",
    "price": 1500000.0
  },
  {
    "id": 7.0,
    "roomtype": "accessible",
    "description": "An accessible room is designed for guests with disabilities. It typically ha
s features such as wide doorways, accessible bathrooms, and grab bars.",
    "price": 1250000.0
  }
```

```

    },
    {
      "id": 8.0,
      "roomtype": "executive",
      "description": "Primarily targeted at business travelers, executive rooms offer amenities like a larger work desk, ergonomic chair, and enhanced connectivity options. They may also provide access to executive lounges or dedicated business centers.",
      "price": 2000000.0
    },
    {
      "id": 9.0,
      "roomtype": "connecting",
      "description": "These are two or more rooms that connect through a door, allowing guests to move between them without having to exit the room or use a public hallway. They are convenient for families or groups traveling together.",
      "price": 3000000.0
    },
    {
      "id": 10.0,
      "roomtype": "spa",
      "description": "Spa rooms are equipped with spa facilities such as hot tubs, whirlpools, or steam showers. These rooms are aimed at guests seeking relaxation and rejuvenation during their stay.",
      "price": 2000000.0
    },
    {
      "id": 11.0,
      "roomtype": "penthouse",
      "description": "Located on the top floor, penthouse suites offer the utmost luxury and exclusivity. They often feature expansive living areas, private terraces, panoramic views, and personalized services.",
      "price": 3000000.0
    }
  ]
}

```

## 2. Retrieve Additional

Digunakan untuk melihat list additional yang disediakan beserta deskripsi dan harganya

Get: localhost:8080/java/tricada/intronik/v1.0/tritronik/additional

Request:

```

{
  "parameter": {

```

```
    "data": {  
    }  
  }  
}
```

Response:

```
{  
  "status": {  
    "responsecode": "0000",  
    "responsedesc": "Success",  
    "responsemessage": "additional data has been successfully displayed"  
  },  
  "result": [  
    {  
      "id": 1.0,  
      "additional": "breakfast",  
      "description": "provide complimentary breakfast to guests, which can range from a simple continental breakfast with pastries, cereals, and fruit to a full buffet or à la carte options.",  
      "price": 100000.0  
    },  
    {  
      "id": 2.0,  
      "additional": "extrabed",  
      "description": "If you're traveling with children or have a large group, you may need an extra bed in your room. ",  
      "price": 150000.0  
    },  
    {  
      "id": 3.0,  
      "additional": "rollawaybed",  
      "description": "A rollaway bed is a smaller bed that can be rolled into a room. This is a good option if you need an extra bed for a child or an adult who doesn't need a full-size bed.",  
      "price": 100000.0  
    },  
    {  
      "id": 4.0,  
      "additional": "laundryservice",  
      "description": "If you need to do laundry while you're on vacation. This typically includes washing, drying, and folding your clothes.",  
      "price": 100000.0  
    },  
    {  
      "id": 5.0,  
      "additional": "airporttransfers",  
      "description": "offer shuttle services or arranged transportation to and from the airport, providing convenience for guests.",
```

```

        "price": 100000.0
    },
    {
        "id": 6.0,
        "additional": "childcareservices",
        "description": "provide childcare services, including babysitting or kids' clubs, to give parents some time off while ensuring their children are well taken care of.",
        "price": 150000.0
    },
    {
        "id": 7.0,
        "additional": "conciergeassistance",
        "description": "In addition to general concierge services, hotels often offer assistance with ticket bookings, tour arrangements, restaurant reservations, and other activities to enhance guests' experiences.",
        "price": 100000.0
    },
    {
        "id": 8.0,
        "additional": "businessservices",
        "description": "business travelers may offer services like faxing, printing, photocopying, and access to meeting rooms or coworking spaces.",
        "price": 500000.0
    }
]
}

```

### 3. Register

Digunakan untuk registrasi akun atau member baru

POST: localhost:8080/java/tricada/intronik/v1.0/tritronik/register

Request:

```

{
    "parameter": {
        "data": {
            "username": "rinaldi",
            "password": "yari123",
            "firstname": "yari",
            "lastname": "rinaldi",
            "gender": "male",
            "dateofbirth": "12-03-1996",
            "nationality": "indonesia",
            "email": "yari@gmail.com",

```

```
        "address": "BE",
        "phonenummer": "08123456789"
    }
}
```

Response:

```
{
  "status": {
    "responsecode": "0000",
    "responsedesc": "Success",
    "responsemessage": "data has been successfully exported"
  },
  "result": {
    "id": null,
    "username": "rinaldi",
    "password": "yari123",
    "firstname": "yari",
    "lastname": "rinaldi",
    "gender": "male",
    "dateofbirth": "12-03-1996",
    "nationality": "indonesia",
    "email": "yari@gmail.com",
    "address": "BE",
    "phonenummer": "08123456789",
    "updatedby": null,
    "updateddate": null,
    "createddate": null,
    "createdby": null
  }
}
```

#### 4. Reservation

Digunakan untuk memesan kamar

POST: localhost:8080/java/tricada/intronik/v1.0/tritronik/reservation

Request:

```
{
  "parameter": {
    "data": {
      "username": "rinaldi",
      "roomtype": "suite",
      "additional": ["breakfast", "extrabed"],

```

```
        "numberofnights": 2,
        "checkin": "2023-01-01"
    }
}
Response:
{
  "status": {
    "responsecode": "0000",
    "responsedesc": "Success",
    "responsemessage": "reservation data has been successfully displayed"
  },
  "result": {
    "id": "230707151749jirbo",
    "username": "rinaldi",
    "roomtype": "suite",
    "additional": [
      "breakfast",
      "extrabed"
    ],
    "numberofnights": 2,
    "checkin": "2023-01-01",
    "checkout": "2023-01-03",
    "status": "BOOKED",
    "updatedby": null,
    "updateddate": null,
    "createddate": "2023-07-07T08:17:49.000+0000",
    "createdby": "System",
    "totalprice": 5500000.0
  }
}
```