

# Tutorial Management API

This API exposes endpoints to manage tutorials.

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BasePath: /

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# ApartmentController

[Up](#)

POST /apartments/{apartmentId}/booking/{username}

(bookApartment)

### Path parameters

**username (required)**

*Path Parameter* — format: int64

**apartmentId (required)**

*Path Parameter* — format: int64

### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

### Request body

body [BookApartmentDTO](#) (required)

*Body Parameter* —

### Return type

[BookingInfoDTO](#)

### Example data

Content-Type: application/json

```
{
  "checkIn" : "2000-01-23",
  "clientName" : "clientName",
  "guests" : 6,
  "id" : 0,
  "state" : "state",
  "checkOut" : "2000-01-23",
  "apartmentInfo" : {
    "amenities" : "amenities",
    "price" : 5,
    "name" : "name",
    "description" : "description",
    "location" : "location",
    "id" : 1,
  }
}
```

```
    "pictures" : "pictures"
  }
}
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

200

Apartment was successfully booked. [BookingInfoDTO](#)

400

Invalid booking data; Apartment has no available periods.

403

Forbidden

404

Client not found; Apartment not found

409

Booking is unavailable for this period.

[Up](#)

## POST /apartments/{apartmentId}/period

(createApartmentPeriod)

### Path parameters

**apartmentId (required)**

*Path Parameter* — format: int64

### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

### Request body

**body [PeriodCreateDTO](#) (required)**

*Body Parameter* —

### Return type

array[[PeriodInfoDTO](#)]

### Example data

Content-Type: application/json

```
[ {
  "date" : "2000-01-23",
  "apartId" : 0,
  "available" : true
}, {
  "date" : "2000-01-23",
  "apartId" : 0,
  "available" : true
}]
```

```
} ]
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

**200**

Period added successfully.

**400**

Invalid period date.

**403**

Forbidden

**404**

Apartment not found.

**409**

Period already exists in this date.

[Up](#)

## GET /apartments/{apartmentId}/availablePeriods

(getApartmentAvailablePeriods)

### Path parameters

**apartmentId (required)**

*Path Parameter* — format: int64

### Return type

array[[AvailablePeriodInfoDTO](#)]

### Example data

Content-Type: application/json

```
[ {  
  "date" : "2000-01-23",  
  "apartId" : 0  
}, {  
  "date" : "2000-01-23",  
  "apartId" : 0  
} ]
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

**200**

List of available apartment periods

**400**

Bad Request

**403**

Forbidden

404

Apartment not found.

409

Conflict

[Up](#)

GET /apartments/{apartmentId}

(getApartmentById)

Path parameters

apartmentId (required)

Path Parameter — format: int64

Return type

[ApartmentInfoDTO](#)

Example data

Content-Type: application/json

```
{
  "amenities" : "amenities",
  "price" : 5,
  "name" : "name",
  "description" : "description",
  "location" : "location",
  "id" : 1,
  "pictures" : "pictures"
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Apartment info [ApartmentInfoDTO](#)

400

Bad Request

403

Forbidden

404

Not Found

409

Conflict

[Up](#)

GET /apartments/{apartmentId}/periods/{periodId}

(getApartmentPeriod)

## Path parameters

**apartmentId (required)**

*Path Parameter* — format: int64

**periodId (required)**

*Path Parameter* — format: int64

## Responses

**200**

List of apartments

**400**

Bad Request

**403**

Forbidden

**404**

Not Found

**409**

Conflict

[Up](#)

GET /apartments/{apartmentId}/periods

(getApartmentPeriods)

## Path parameters

**apartmentId (required)**

*Path Parameter* — format: int64

## Return type

array[[PeriodInfoDTO](#)]

## Example data

Content-Type: application/json

```
[ {  
  "date" : "2000-01-23",  
  "apartId" : 0,  
  "available" : true  
}, {  
  "date" : "2000-01-23",  
  "apartId" : 0,  
  "available" : true  
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

**200**

List of apartment periods

**400**

Bad Request

403

Forbidden

404

Apartment not found.

409

Conflict

[Up](#)

## GET /apartments/{apartmentId}/reviews

(getApartmentReviews)

### Path parameters

**apartmentId (required)**

*Path Parameter* — format: int64

### Return type

array[[ReviewInfoDTO](#)]

### Example data

Content-Type: application/json

```
[ {
  "clientName" : "clientName",
  "rating" : 0,
  "description" : "description"
}, {
  "clientName" : "clientName",
  "rating" : 0,
  "description" : "description"
} ]
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

200

List of Apartment's Reviews.

400

Bad Request

404

Apartment not found.

409

Conflict

[Up](#)

## GET /apartments/

(getApartments)

**Return type**array[[ApartmentInfoDTO](#)]**Example data**

Content-Type: application/json

```
[ {
  "amenities" : "amenities",
  "price" : 5,
  "name" : "name",
  "description" : "description",
  "location" : "location",
  "id" : 1,
  "pictures" : "pictures"
}, {
  "amenities" : "amenities",
  "price" : 5,
  "name" : "name",
  "description" : "description",
  "location" : "location",
  "id" : 1,
  "pictures" : "pictures"
} ]
```

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

**Responses****200**

List of apartments

**400**

Bad Request

**403**

Forbidden

**404**

Not Found

**409**

Conflict

## GET /apartments/periods

[Up](#)

(getAvailableApartmentsForPeriod)

**Query parameters****startDate (required)***Query Parameter* — format: date**endDate (required)***Query Parameter* — format: date**Return type**



array[[ApartmentInfoDTO](#)]

### Example data

Content-Type: application/json

```
[ {
  "amenities" : "amenities",
  "price" : 5,
  "name" : "name",
  "description" : "description",
  "location" : "location",
  "id" : 1,
  "pictures" : "pictures"
}, {
  "amenities" : "amenities",
  "price" : 5,
  "name" : "name",
  "description" : "description",
  "location" : "location",
  "id" : 1,
  "pictures" : "pictures"
} ]
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

**200**

List of apartments

**400**

Invalid period data.

**403**

Forbidden.

**404**

Not Found

**409**

Conflict

## BookingController

GET /bookings/{bookingID}

[Up](#)

(getBooking)

### Path parameters

**bookingID (required)**

*Path Parameter* — format: int64

### Return type

## [BookingInfoDTO](#)

### Example data

Content-Type: application/json

```
{
  "checkIn" : "2000-01-23",
  "clientName" : "clientName",
  "guests" : 6,
  "id" : 0,
  "state" : "state",
  "checkOut" : "2000-01-23",
  "apartmentInfo" : {
    "amenities" : "amenities",
    "price" : 5,
    "name" : "name",
    "description" : "description",
    "location" : "location",
    "id" : 1,
    "pictures" : "pictures"
  }
}
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

**200**

Booking with given Id [BookingInfoDTO](#)

**403**

Forbidden

**404**

Booking not found.

[Up](#)

GET /bookings/{bookingID}/review

(getBookingReview)

### Path parameters

**bookingID (required)**

*Path Parameter* — format: int64

### Return type

[ReviewInfoDTO](#)

### Example data

Content-Type: application/json

```
{
  "clientName" : "clientName",
```

```
"rating" : 0,  
"description" : "description"  
}
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

200

Found booking review [ReviewInfoDTO](#)

403

Forbidden

404

Not reviewed yet.

## ClientController

POST /clients/{username}/{bookingId}/cancelled

[Up](#)

(cancelBooking)

### Path parameters

**username (required)**

*Path Parameter* — format: int64

**bookingId (required)**

*Path Parameter* — format: int64

### Responses

200

Booking canceled successfully

400

Booking cant be cancelled

403

Forbidden

404

Booking not found; Client not found

POST /clients/{username}/{bookingId}/checkedIn

[Up](#)

(checkIn)

### Path parameters

**username (required)**

*Path Parameter* — format: int64

**bookingId (required)**

*Path Parameter* — format: int64

## Responses

200

Guest Checked In

400

Booking has not been accepted yet or has been rejected; Check-in day hasn't arrived yet.

403

Forbidden

404

Booking not found; Client not found

[Up](#)

POST /clients/{username}/{bookingId}/checkedOut

(checkOut)

## Path parameters

**username (required)**

*Path Parameter* — format: int64

**bookingId (required)**

*Path Parameter* — format: int64

## Responses

200

Guest Checked Out

400

Client has not checked in yet or booking has been rejected; Check-out day hasn't arrived yet.

403

Forbidden

404

Booking not found; Client not found.

[Up](#)

POST /clients/

(createClient)

## Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

## Request body

body [ClientInfoDTO](#) (required)

*Body Parameter* —

## Responses

200

Client was successfully created

400

Invalid Client data

403

Forbidden

**404**

Not Found

**409**

Username unavailable

[Up](#)

## GET /clients/{username}

(getClient)

### Path parameters

**username (required)***Path Parameter* — format: int64

### Return type

[ClientInfoDTO](#)

### Example data

Content-Type: application/json

```
{
  "phoneNumber" : 0,
  "name" : "name",
  "email" : "email"
}
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

**200**Client that is in the system [ClientInfoDTO](#)**400**

Bad Request

**403**

Forbidden

**404**

Client not found.

[Up](#)

## GET /clients/{username}/bookings

(getClientBookings)

### Path parameters

**username (required)***Path Parameter* — format: int64

### Return type

array[[BookingInfoDTO](#)]

### Example data

Content-Type: application/json

```
[ {
  "checkIn" : "2000-01-23",
  "clientName" : "clientName",
  "guests" : 6,
  "id" : 0,
  "state" : "state",
  "checkOut" : "2000-01-23",
  "apartmentInfo" : {
    "amenities" : "amenities",
    "price" : 5,
    "name" : "name",
    "description" : "description",
    "location" : "location",
    "id" : 1,
    "pictures" : "pictures"
  }
}, {
  "checkIn" : "2000-01-23",
  "clientName" : "clientName",
  "guests" : 6,
  "id" : 0,
  "state" : "state",
  "checkOut" : "2000-01-23",
  "apartmentInfo" : {
    "amenities" : "amenities",
    "price" : 5,
    "name" : "name",
    "description" : "description",
    "location" : "location",
    "id" : 1,
    "pictures" : "pictures"
  }
} ]
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

**200**

List of client bookings

**400**

Bad Request

**403**

Forbidden

**404**

Client not found.

[Up](#)

## GET /clients/{username}/reviews

(getClientReviews)

### Path parameters

**username (required)**

*Path Parameter* — format: int64

### Return type

array[[ReviewInfoDTO](#)]

### Example data

Content-Type: application/json

```
[ {  
  "clientName" : "clientName",  
  "rating" : 0,  
  "description" : "description"  
}, {  
  "clientName" : "clientName",  
  "rating" : 0,  
  "description" : "description"  
} ]
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

**200**

List of client reviews

**400**

Bad Request

**403**

Forbidden

**404**

Client not found.

## OwnerController

[Up](#)

## PUT /owners/{ownerId}/bookings/{bookingId}

(changeBookingStatus)

### Path parameters

**ownerId (required)***Path Parameter* — format: int64**bookingId (required)***Path Parameter* — format: int64**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

**Request body****body [string](#) (required)***Body Parameter* —**Responses****200**

Status changed successfully.

**400**

Invalid decision.

**403**

Forbidden

**404**

Booking not found; Owner not found.

**409**

Booking is not Under Consideration.

[Up](#)**POST /owners/****(createOwner)****Responses****200**

OK

**400**

Bad Request

**404**

Not Found

**409**

Conflict

[Up](#)**GET /owners/{ownerId}****(getOwner)****Path parameters****ownerId (required)***Path Parameter* — format: int64**Responses**



**200**

Owner.

**400**

Bad Request

**403**

Forbidden

**404**

Owner not found.

**409**

Conflict

[Up](#)

## GET /owners/{ownerId}/apartments

**(getOwnerApartments)**

### Path parameters

**ownerId (required)***Path Parameter* — format: int64

### Return type

array[[ApartmentInfoDTO](#)]

### Example data

Content-Type: application/json

```
[ {
  "amenities" : "amenities",
  "price" : 5,
  "name" : "name",
  "description" : "description",
  "location" : "location",
  "id" : 1,
  "pictures" : "pictures"
}, {
  "amenities" : "amenities",
  "price" : 5,
  "name" : "name",
  "description" : "description",
  "location" : "location",
  "id" : 1,
  "pictures" : "pictures"
} ]
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

**200**

Owner Apartments.

**400**

Bad Request

**403**

Forbidden

**404**

Owner not found.

**409**

Conflict

[Up](#)

## GET /owners/{ownerId}/apartments-bookings

(getOwnerBookings)

### Path parameters

**ownerId (required)***Path Parameter* — format: int64

### Return type

array[[BookingInfoDTO](#)]

### Example data

Content-Type: application/json

```
[ {
  "checkIn" : "2000-01-23",
  "clientName" : "clientName",
  "guests" : 6,
  "id" : 0,
  "state" : "state",
  "checkOut" : "2000-01-23",
  "apartmentInfo" : {
    "amenities" : "amenities",
    "price" : 5,
    "name" : "name",
    "description" : "description",
    "location" : "location",
    "id" : 1,
    "pictures" : "pictures"
  }
}, {
  "checkIn" : "2000-01-23",
  "clientName" : "clientName",
  "guests" : 6,
  "id" : 0,
  "state" : "state",
  "checkOut" : "2000-01-23",
  "apartmentInfo" : {
    "amenities" : "amenities",
    "price" : 5,
    "name" : "name",
    "description" : "description",
    "location" : "location",
    "id" : 1,
    "pictures" : "pictures"
  }
}
```

```
} ]
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

200

Bookings for each apartment owned.

400

Bad Request

403

Forbidden

404

Owner not found.

409

Conflict

## PeriodController

GET /periods/{periodID}

[Up](#)

(getPeriod)

### Path parameters

**periodID (required)**

*Path Parameter* — format: int64

### Responses

200

OK

## ReviewController

POST /reviews/{username}/review/{bookingId}

[Up](#)

(createReview)

### Path parameters

**username (required)**

*Path Parameter* — format: int64

**bookingId (required)**

*Path Parameter* — format: int64

### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

## Request body

body [CreateReviewDTO](#) (required)  
*Body Parameter* —

## Return type

[ReviewInfoDTO](#)

## Example data

Content-Type: application/json

```
{
  "clientName" : "clientName",
  "rating" : 0,
  "description" : "description"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

**200**

Review was successfully created. [ReviewInfoDTO](#)

**400**

Invalid Review data.

**403**

Wrong client.

**404**

Booking not found.

**409**

Booking already reviewed.

[Up](#)

## GET /reviews/

(getAllReviews)

## Return type

array[[ReviewInfoDTO](#)]

## Example data

Content-Type: application/json

```
[ {
  "clientName" : "clientName",
  "rating" : 0,
  "description" : "description"
}, {
  "clientName" : "clientName",
  "rating" : 0,
  "description" : "description"
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

200

Found all reviews

400

Bad Request

403

Forbidden

404

Not Found

409

Conflict

[Up](#)

# GET /reviews/{reviewId}

(getReview)

## Path parameters

**reviewId (required)**

*Path Parameter* — format: int64

## Return type

[ReviewInfoDTO](#)

## Example data

Content-Type: application/json

```
{
  "clientName" : "clientName",
  "rating" : 0,
  "description" : "description"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

200

Review with given Id [ReviewInfoDTO](#)

400

Bad Request

403

Forbidden

404

Review not found.

409

Conflict

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#### ApartmentInfoDTO

[Up](#)

**id**

[Long](#) format: int64

**name**

[String](#)

**description**

[String](#)

**location**

[String](#)

**amenities**

[String](#)

**pictures**

[String](#)

**price**

[Long](#) format: int64

#### AvailablePeriodInfoDTO

[Up](#)

**apartId**

[Long](#) format: int64

**date**

[date](#) format: date

#### BookApartmentDTO

[Up](#)

**checkIn**

[date](#) format: date

**checkOut**

[date](#) format: date

**guests**[Long](#) format: int64**BookingInfoDTO**[Up](#)**id**[Long](#) format: int64**clientName**[String](#)**checkIn**[date](#) format: date**checkOut**[date](#) format: date**guests**[Long](#) format: int64**state**[String](#)**apartmentInfo**[ApartmentInfoDTO](#)**ClientInfoDTO**[Up](#)**name**[String](#)**email**[String](#)**phoneNumber**[Long](#) format: int64**CreateReviewDTO**[Up](#)**description**[String](#)**rating**[Long](#) format: int64**PeriodCreateDTO**[Up](#)**startDate**[date](#) format: date**endDate**[date](#) format: date**PeriodInfoDTO**[Up](#)

**apartId**[\*Long\*](#) format: int64**date**[\*date\*](#) format: date**available**[\*Boolean\*](#)**ReviewInfoDTO**[Up](#)**clientName**[\*String\*](#)**description (optional)**[\*String\*](#)**rating (optional)**[\*Long\*](#) format: int64