

# Project IAID: Renting Application

## Overview

This API exposes endpoints for Project IAID: Renting Application.

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## Tags

### Reservations

Reservations API

### Apartments

Apartments API

## Paths

### ***PUT* /api/reservation/{reservationId}/change-status** Change current status of the reservation

#### Parameters

Type	Name	Description	Schema
path	reservationId <i>required</i>		integer (int64)
query	newStatus <i>required</i>		enum (AVAILABLE,UNDER_CONSIDERATION,BOOKED,OCCUPIED,AWAITING_REVIEW,CLOSED)

#### Responses

Code	Description	Links
200	Status changed  <i>Content</i> /	No Links

Code	Description	Links
500	Interval Server Error  <i>Content</i> /	No Links

## **POST** /api/reservation Save Reservation

### Responses

Code	Description	Links
200	Reservation saved correctly  <i>Content</i> /	No Links
500	Internal server error  <i>Content</i> /	No Links

## **GET** /api/reservation/{reservationId}/review Show Review

### Parameters

Type	Name	Description	Schema
path	reservationId <i>required</i>		integer (int64)

### Responses

Code	Description	Links
200	Review showed correctly  <i>Content</i> /	No Links
500	Internal server error  <i>Content</i> /	No Links

## **POST** /api/reservation/{reservationId}/review Save Review

### Parameters

Type	Name	Description	Schema
path	reservationId <i>required</i>		integer (int64)

### Responses

Code	Description	Links
200	Review saved correctly  <i>Content</i> /	No Links
500	Internal server error  <i>Content</i> /	No Links

## **POST** /api/apartment/{id}/period Add available period to the apartment

### Parameters

Type	Name	Description	Schema
query	endDate <i>required</i>		string (date)
path	id <i>required</i>		integer (int64)
query	startDate <i>required</i>		string (date)

### Responses

Code	Description	Links
500	Internal server error  <i>Content</i> /	No Links

Code	Description	Links
200	Available period added correctly  <i>Content</i> /	No Links

## ***GET* /api/reservation/{id}/details** Reservation Details

### Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer (int64)

### Responses

Code	Description	Links
500	Internal Server Error  <i>Content</i> /	No Links
200	Details of an reservation  <i>Content</i> /	No Links

## ***GET* /api/reservation/list** List of reservations of logged user

### Responses

Code	Description	Links
200	List of reservations  <i>Content</i> /	No Links
500	Internal Server Error  <i>Content</i> /	No Links

## **GET** /api/apartment Get all apartments

### Responses

Code	Description	Links
500	Internal server error  <i>Content</i> /	No Links
200	The list of apartments that are in the system  <i>Content</i> /	No Links

## **GET** /api/apartment/{id}/check Check availability

### Parameters

Type	Name	Description	Schema
query	endDate <i>required</i>		string (date)
path	id <i>required</i>		integer (int64)
query	startDate <i>required</i>		string (date)

### Responses

Code	Description	Links
500	Internal server error  <i>Content</i> /	No Links
200	The list of apartments that are in the system  <i>Content</i> /	No Links

## **GET** /api/apartment/{apartmentId} Get apartment details

### Parameters

Type	Name	Description	Schema
path	apartmentId <i>required</i>		integer (int64)

### Responses

Code	Description	Links
500	Internal server error  <i>Content</i> /	No Links
200	Apartment with details  <i>Content</i> /	No Links

## ***DELETE* /api/reservation/{id} Delete Reservation**

### Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer (int64)

### Responses

Code	Description	Links
500	Interval Server Error  <i>Content</i> /	No Links
200	Reservation deleted correctly  <i>Content</i> /	No Links

## ***DELETE* /api/apartment/period/{id} Delete available period to the apartment**

### Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer (int64)

### Responses

Code	Description	Links
200	Period deleted correctly	No Links
500	Internal server error	No Links

# Components

## Schemas

### Reservation to save

#### Properties

Name	Description	Schema
Apartment identifier <i>required</i>		integer (int64)
Reservation start date <i>required</i>		string (date)
Reservation end date <i>required</i>		string (date)

### Review to Save

#### Properties

Name	Description	Schema
Review text <i>required</i>		string
Review rating <i>required</i>		integer (int64)

### Review

#### Properties

Name	Description	Schema
Review identifier <i>required</i>		integer (int64)
Review text <i>required</i>		string
Review rating <i>required</i>		integer (int64)

### Apartment Simple

#### Properties

Name	Description	Schema
Apartment identifier <i>required</i>		integer (int64)
Apartment name <i>required</i>		string
Apartment location <i>required</i>		string

## Reservation

### Properties

Name	Description	Schema
Reservation identifier <i>required</i>		integer (int64)
Reservation start date <i>required</i>		string (date)
Reservation end date <i>required</i>		string (date)
Client <i>required</i>		<a href="#">User</a>
Current reservation State <i>required</i>		enum (AVAILABLE, UNDER_CONSIDERATION, BOOKED, OCCUPIED, AWAITING_REVIEW, CLOSED)
Review text <i>optional</i>		string
Apartment <i>required</i>		<a href="#">[_components_schemas_apartment simple]</a>
Full reservation price <i>required</i>		number (double)



## User

### Properties

Name	Description	Schema
User identifier <i>required</i>		integer (int64)
User name <i>required</i>		string
User role <i>required</i>		enum (MANAGER,OWNER,CLIENT)

## Apartment Details

### Properties

Name	Description	Schema
Apartment identifier <i>required</i>		integer (int64)
Apartment name <i>required</i>		string
Apartment location <i>required</i>		string
Apartment manager <i>required</i>		<a href="#">User</a>
Apartment owner <i>required</i>		<a href="#">User</a>
List of available periods <i>required</i>		< <a href="#">Period</a> > array
List of reservations <i>optional</i>		< <a href="#">[components_schemas_reservation_simple]</a> > array

## Period

### Properties

Name	Description	Schema
Period identifier <i>required</i>		integer (int64)
Period     start date <i>required</i>		string (date)
Period     end date <i>required</i>		string (date)

## Reservation Simple

### Properties

Name	Description	Schema
Reservation identifier <i>required</i>		integer (int64)
Reservation start     date <i>required</i>		string (date)
Reservation end     date <i>required</i>		string (date)