



OpenAPI definition v0 OAS 3.0

/v3/api-docs

Servers

http://localhost:8080 - Generated server url

Reservations Reservations API



GET /api/reservations/{reservationId}/states List state history of a reservation



Returns a list of the states of a reservation whose id is reservationId.

Parameters

[Try it out](#)

Name	Description
------	-------------

reservationId * required	reservationId
string	
(path)	

Responses

Code	Description	Links
------	-------------	-------

200	Successful operation	No links
-----	----------------------	--------------------------

Media type

application/json

Controls Accept header.

[Example Value](#) [Schema](#)

"string"

400	Bad request	No links
-----	-------------	--------------------------

Media type

application/json

[Example Value](#) [Schema](#)

[
{

Links

Code	Description	Links
	<pre> "name": "UNDER_CONSIDERATION", "startDate": "2023-11-05", "endDate": "2023-11-05" }] </pre>	
404	Reservation not found	No links

Media type

application/json

Example Value Schema

```

[
  {
    "name": "UNDER_CONSIDERATION",
    "startDate": "2023-11-05",
    "endDate": "2023-11-05"
  }
]

```

500 Internal server error

No links

Media type

application/json

Example Value Schema

```

[
  {
    "name": "UNDER_CONSIDERATION",
    "startDate": "2023-11-05",
    "endDate": "2023-11-05"
  }
]

```

PUT /api/reservations/{reservationId}/states Update the state of a reservation



Updates the state of a reservation whose id is reservationId.

Parameters

[Try it out](#)

Name Description

reservationId * required

 string
(path)

reservationId

Request body required

application/json

Example Value Schema

```
{
  "endDate": "2023-11-05",
  "nextState": {
    "name": "UNDER_CONSIDERATION",
    "startDate": "2023-11-05"
  }
}
```

Responses

Code	Description	Links
200	Successful operation	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p> <p>Example Value <small>Schema</small></p> <pre>{ "endDate": "2023-11-05", "nextState": { "name": "UNDER_CONSIDERATION", "startDate": "2023-11-05" } }</pre>	
400	Bad request	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Example Value <small>Schema</small></p> <pre>{ "endDate": "2023-11-05", "nextState": { "name": "UNDER_CONSIDERATION", "startDate": "2023-11-05" } }</pre>	
404	Reservation not found	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Example Value <small>Schema</small></p> <pre>{ "endDate": "2023-11-05", "nextState": { "name": "UNDER_CONSIDERATION", "startDate": "2023-11-05" } }</pre>	
500	Internal server error	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Example Value <small>Schema</small></p> <pre>{ "endDate": "2023-11-05", "nextState": { "name": "UNDER_CONSIDERATION", "startDate": "2023-11-05" } }</pre>	

GET /api/reservations/{reservationId} Get a reservation ^

Find a reservation by id

[Try it out](#)**Parameters**

Name	Description
------	-------------

reservationId * requiredstring
(path)

reservationId

Responses

Code	Description	Links
200	Successful operation	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>"string"</pre>	
400	Bad request	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>{ "reservationNum": 0, "startDate": "2023-11-05", "endDate": "2023-11-05", "client": "owner", "period": { "periodNum": 7, "startDate": "1991-12-16", "endDate": "1997-08-29", "available": true }, "apartmentDTO": { "apartmentId": 52, "name": "The BatCave", "location": "unknown", "picture": "somepicatsomeurl1.jpg", "price": 52, "available": true }, "review": { "text": "Some review about some apartment", "rating": 5 } }</pre>	
404	Reservation not found	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>{ "reservationNum": 0, "startDate": "2023-11-05", "endDate": "2023-11-05",</pre>	

Code	Description	Links
	<pre> "client": "owner", "period": { "periodNum": 7, "startDate": "1991-12-16", "endDate": "1997-08-29", "available": true }, "apartmentDTO": { "apartmentId": 52, "name": "The BatCave", "location": "unknown", "picture": "somepicatsomeurl1.jpg", "price": 52, "available": true }, "review": { "text": "Some review about some apartment", "rating": 5 } } </pre>	
500	Internal server error	No links

Media type

application/json

Example Value Schema

```
{
  "reservationNum": 0,
  "startDate": "2023-11-05",
  "endDate": "2023-11-05",
  "client": "owner",
  "period": {
    "periodNum": 7,
    "startDate": "1991-12-16",
    "endDate": "1997-08-29",
    "available": true
  },
  "apartmentDTO": {
    "apartmentId": 52,
    "name": "The BatCave",
    "location": "unknown",
    "picture": "somepicatsomeurl1.jpg",
    "price": 52,
    "available": true
  },
  "review": {
    "text": "Some review about some apartment",
    "rating": 5
  }
}
```

POST /api/reservations/{reservationId} Create a review for a reservation ^

Create a review for a reservation

Parameters Try it out

Name	Description
reservationId * required	reservationId

Request body required

application/json

Example Value Schema

```
{
  "text": "Some review about some apartment",
  "rating": 5
}
```

Responses

Code	Description	Links
200	Successful operation	No links
400	Bad request	No links
404	Reservation not found	No links
500	Internal server error	No links

DELETE /api/reservations/{reservationId} Cancel a reservation ^

Cancel a reservation

Parameters**Try it out****Name** **Description****reservationId** * requiredstring
(path)

reservationId

Responses

Code	Description	Links
200	Successful operation	No links
400	Bad request	No links

Media type

application/json

Controls Accept header.

Example Value **Schema**

```
{
  "reservationNum": 0,
  "startDate": "2023-11-05",
  "endDate": "2023-11-05"
}
```

400	Bad request	No links

Media type

application/json**Example Value** **Schema**

Code	Description	Links
404	<pre>{ "reservationNum": 0, "startDate": "2023-11-05", "endDate": "2023-11-05" }</pre> <p>Reservation not found</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>{ "reservationNum": 0, "startDate": "2023-11-05", "endDate": "2023-11-05" }</pre>	No links
500	<p>Internal server error</p> <p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>{ "reservationNum": 0, "startDate": "2023-11-05", "endDate": "2023-11-05" }</pre>	No links

Apartments Apartments API

^

GET	/api/apartments/{apartmentId}	Get an apartment	Try it out
Find an apartment by id			
Parameters			
Name		Description	
apartmentId <small>* required</small>	integer(\$int64)	(path)	<input type="text" value="apartmentId"/>
Responses			
Code	Description		Links
200	Successful operation		No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p> <p>Example Value Schema</p>		

Links

```
{
  "name": "The BatCave",
  "description": "dark",
  "location": "unknown",
  "amenities": [
    "Batcomputer",
    "Batmobile",
    "JL Teleporter"
  ],
  "pictures": [
    "somepicatsomeurl1.jpg",
    "somepicatsomeurl2.jpg"
  ],
  "price": 52,
  "available": true,
  "owner": "owner"
}
```

400

Bad request

No links

Media type

application/json

Example Value Schema

```
{
  "name": "The BatCave",
  "description": "dark",
  "location": "unknown",
  "amenities": [
    "Batcomputer",
    "Batmobile",
    "JL Teleporter"
  ],
  "pictures": [
    "somepicatsomeurl1.jpg",
    "somepicatsomeurl2.jpg"
  ],
  "price": 52,
  "available": true,
  "owner": "owner"
}
```

404

Apartment not found

No links

Media type

application/json

Example Value Schema

```
{
  "name": "The BatCave",
  "description": "dark",
  "location": "unknown",
  "amenities": [
    "Batcomputer",
    "Batmobile",
    "JL Teleporter"
  ],
  "pictures": [
    "somepicatsomeurl1.jpg",
    "somepicatsomeurl2.jpg"
  ],
  "price": 52,
  "available": true,
  "owner": "owner"
}
```

500

Internal server error

No links

Media type

application/json

Example Value Schema

```
{
  "name": "The BatCave",
  "description": "dark",
```

Code	Description	Links					
	<pre> "location": "unknown", "amenities": ["Batcomputer", "Batmobile", "JL Teleporter"], "pictures": ["somepicsomeurl1.jpg", "somepicsomeurl2.jpg"], "price": 52, "available": true, "owner": "owner" } </pre>						
PUT	/api/apartments/{apartmentId} Update an existing apartment	^					
	Update an existing apartment by id						
Parameters		Try it out					
<table border="1"> <thead> <tr> <th>Name</th><th>Description</th></tr> </thead> <tbody> <tr> <td>apartmentId * required integer(\$int64) (path)</td><td>apartmentId</td><td></td></tr> </tbody> </table>			Name	Description	apartmentId * required integer(\$int64) (path)	apartmentId	
Name	Description						
apartmentId * required integer(\$int64) (path)	apartmentId						
Request body required		application/json					
Example Value Schema <pre>{ "name": "The BatCave", "description": "dark", "amenities": ["Batcomputer", "Batmobile", "JL Teleporter"], "pictures": ["somepicsomeurl1.jpg", "somepicsomeurl2.jpg"], "price": 52, "available": true }</pre>							
Responses							
Code	Description	Links					
200	Successful operation	No links					
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p>						
Example Value Schema <pre>{ "name": "The BatCave", "description": "dark", "amenities": ["Batcomputer", "Batmobile", "JL Teleporter"], "pictures": ["somepicsomeurl1.jpg", "somepicsomeurl2.jpg"], "price": 52, "available": true }</pre>							

Links

Code	Description	Links
	<pre> "Batmobile", "JL Teleporter"], "pictures": ["somepicatsomeurl11.jpg", "somepicatsomeurl12.jpg"], "price": 52, "available": true } </pre>	
400	Invalid ID supplied	No links
	<p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div>	
	Example Value Schema <pre>{ "name": "The BatCave", "description": "dark", "amenities": ["Batcomputer", "Batmobile", "JL Teleporter"], "pictures": ["somepicatsomeurl11.jpg", "somepicatsomeurl12.jpg"], "price": 52, "available": true }</pre>	
404	Apartment not found	No links
	<p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div>	
	Example Value Schema <pre>{ "name": "The BatCave", "description": "dark", "amenities": ["Batcomputer", "Batmobile", "JL Teleporter"], "pictures": ["somepicatsomeurl11.jpg", "somepicatsomeurl12.jpg"], "price": 52, "available": true }</pre>	
500	Internal server error	No links
	<p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div>	
	Example Value Schema <pre>{ "name": "The BatCave", "description": "dark", "amenities": ["Batcomputer", "Batmobile", "JL Teleporter"], "pictures": ["somepicatsomeurl11.jpg", "somepicatsomeurl12.jpg"], "price": 52, "available": true }</pre>	



DELETE /api/apartments/{apartmentId} Delete an apartment

Delete an apartment

Parameters

[Try it out](#)

Name	Description
------	-------------

apartmentId * required

integer(\$int64)
(path)

apartmentId

Responses

Code	Description	Links
200	Successful operation	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "apartmentId": 52, "name": "The BatCave", "location": "unknown", "owner": "owner" }</pre>	
400	Invalid ID supplied	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>{ "apartmentId": 52, "name": "The BatCave", "location": "unknown", "owner": "owner" }</pre>	
404	Apartment not found	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>{ "apartmentId": 52, "name": "The BatCave", "location": "unknown", "owner": "owner" }</pre>	
500	Internal server error	No links

Code	Description	Links
	<p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>{ "apartmentId": 52, "name": "The BatCave", "location": "unknown", "owner": "owner" }</pre>	

GET	/api/apartments/{apartmentId}/periods/{periodNum}	Get an apartment period	^
Find an apartment period by id			
Parameters <div style="float: right; border: 1px solid #ccc; padding: 2px 5px; border-radius: 5px; cursor: pointer; margin-right: 10px;">Try it out</div>			
Name	Description		
apartmentId * required integer(\$int64) (path)	apartmentId		
periodNum * required integer(\$int32) (path)	periodNum		
Responses			
Code	Description	Links	
200	Successful operation	No links	
	<p>Media type</p> <div style="border: 1px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "isAvailable": true, "startDate": "2023-11-05", "endDate": "2023-11-05" }</pre>		
400	Bad request	No links	
	<p>Media type</p> <div style="border: 1px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>{ "isAvailable": true, "startDate": "2023-11-05", "endDate": "2023-11-05" }</pre>		

Code	Description	Links
404	Apartment or period not found	No links
500	<p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>{ "isAvailable": true, "startDate": "2023-11-05", "endDate": "2023-11-05" }</pre> <p>Internal server error</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>{ "isAvailable": true, "startDate": "2023-11-05", "endDate": "2023-11-05" }</pre>	No links

PUT /api/apartments/{apartmentId}/periods/{periodNum} Update a existing period ^

Update a existing period by id

Parameters Try it out

Name	Description
apartmentId * required integer(\$int64) (path)	apartmentId
periodNum * required integer(\$int32) (path)	periodNum

Request body required application/json

Example Value Schema

```
{
  "startDate": "1991-12-16",
  "endDate": "1997-08-29",
  "available": true
}
```

Responses

Code	Description	Links
200	Successful operation	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "startDate": "1991-12-16", "endDate": "1997-08-29", "available": true }</pre>	
400	Bad request	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>{ "startDate": "1991-12-16", "endDate": "1997-08-29", "available": true }</pre>	
403	User is not owner	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>{ "startDate": "1991-12-16", "endDate": "1997-08-29", "available": true }</pre>	
404	Apartment or period not found	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>{ "startDate": "1991-12-16", "endDate": "1997-08-29", "available": true }</pre>	
500	Internal server error	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>{ "startDate": "1991-12-16", "endDate": "1997-08-29", "available": true }</pre>	

POST /api/apartments/{apartmentId}/periods/{periodNum} Add a new reservation to the period ^

Add a new reservation to the period

Parameters

Try it out

Name	Description
apartmentId * required integer(\$int64) (path)	apartmentId
periodNum * required integer(\$int32) (path)	periodNum

Request body required application/json

Example Value Schema

```
{
  "startDate": "2023-11-05",
  "endDate": "2023-11-05",
  "client": "owner"
}
```

Responses

Code	Description	Links
200	Successful operation	No links
400	Bad request	No links

Media type application/json

Controls Accept header.

Example Value Schema

```
{
  "reservationNum": 0,
  "client": {
    "username": "noobmaster69",
    "password": "thestrongestavenger",
    "name": "Aaron",
    "email": "aaron@email.com",
    "picture": "somepicatsomeurl.jpg",
    "phone": "636-555-3226",
    "apartments": "apartments",
    "reservations": "reservations"
  },
  "period": {
    "periodNum": 7,
    "startDate": "1991-12-16",
    "endDate": "1997-08-29",
    "available": true,
    "apartment": "apartments",
    "reservations": "reservations"
  }
}
```

Media type

Code	Description	Links
	<p>application/json</p> <p>Example Value Schema</p> <pre>{ "reservationNum": 0, "client": { "username": "noobmaster69", "password": "thestrongestavenger", "name": "Aaron", "email": "aaron@email.com", "picture": "somepicatsomeurl.jpg", "phone": "636-555-3226", "apartments": "apartments", "reservations": "reservations" }, "period": { "periodNum": 7, "startDate": "1991-12-16", "endDate": "1997-08-29", "available": true, "apartment": "apartments", "reservations": "reservations" } }</pre>	
404	Apartment or period not found	No links
	<p>Media type</p> <p>application/json</p> <p>Example Value Schema</p> <pre>{ "reservationNum": 0, "client": { "username": "noobmaster69", "password": "thestrongestavenger", "name": "Aaron", "email": "aaron@email.com", "picture": "somepicatsomeurl.jpg", "phone": "636-555-3226", "apartments": "apartments", "reservations": "reservations" }, "period": { "periodNum": 7, "startDate": "1991-12-16", "endDate": "1997-08-29", "available": true, "apartment": "apartments", "reservations": "reservations" } }</pre>	
500	Internal server error	No links
	<p>Media type</p> <p>application/json</p> <p>Example Value Schema</p> <pre>{ "reservationNum": 0, "client": { "username": "noobmaster69", "password": "thestrongestavenger", "name": "Aaron", "email": "aaron@email.com", "picture": "somepicatsomeurl.jpg", "phone": "636-555-3226", "apartments": "apartments", "reservations": "reservations" }, "period": { "periodNum": 7, "startDate": "1991-12-16", "endDate": "1997-08-29", "available": true, "apartment": "apartments", "reservations": "reservations" } }</pre>	

Code	Description	Links																																				
	}																																					
DELETE /api/apartments/{apartmentId}/periods/{periodNum} Delete an apartment period		^																																				
Delete an apartment period																																						
Parameters																																						
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Code	Description	Links
404	<pre>{ "periodNum": 7, "startDate": "1991-12-16", "endDate": "1997-08-29", "available": true }</pre> <p>Apartment or period not found</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>{ "periodNum": 7, "startDate": "1991-12-16", "endDate": "1997-08-29", "available": true }</pre>	No links
500	<p>Internal server error</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>{ "periodNum": 7, "startDate": "1991-12-16", "endDate": "1997-08-29", "available": true }</pre>	No links

GET /api/apartments Search apartments ^

Search apartments according to search parameters

Parameters Try it out

Name	Description
name string (query)	<input type="text" value="name"/>
location string (query)	<input type="text" value="location"/>
amenities array[string] (query)	<input type="text"/>
price number(\$float) (query)	<input type="text" value="price"/>
startDate string(\$date) (query)	<input type="text" value="startDate"/>
endDate string(\$date)	<input type="text" value="endDate"/>

Name	Description
(query)	
isAvailable	boolean
(query)	--
owner	string
(query)	owner

Responses

Code	Description	Links
200	Successful operation	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>"string"</pre>	
400	Invalid request	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>[{ "apartmentId": 52, "name": "The BatCave", "location": "unknown", "amenities": ["Batcomputer", "Batmobile", "JL Teleporter"], "pictures": "somepicsatsomeurl11.jpg", "price": 52, "available": true, "owner": "owner" }]</pre>	
500	Internal server error	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>[{ "apartmentId": 52, "name": "The BatCave", "location": "unknown", "amenities": ["Batcomputer", "Batmobile", "JL Teleporter"], "pictures": "somepicsatsomeurl11.jpg", "price": 52, "available": true, "owner": "owner" }]</pre>	

Code	Description	Links
	<pre>"pictures": "somepicatsomeurl1.jpg", "price": 52, "available": true, "owner": "owner"]</pre>	

POST	/api/apartments Add a new apartment	^
------	-------------------------------------	---

Add a new apartment

Parameters

Try it out

No parameters

Request body required

application/json

Example Value Schema

```
{
  "name": "The BatCave",
  "description": "dark",
  "location": "unknown",
  "amenities": [
    "Batcomputer",
    "Batmobile",
    "JL Teleporter"
  ],
  "pictures": [
    "somepicatsomeurl1.jpg",
    "somepicatsomeurl2.jpg"
  ],
  "price": 52,
  "available": true,
  "ownerUsername": "masternoob69"
}
```

Responses

Code	Description	Links
200	Successful operation	No links
400	Invalid request	No links

Media type

application/json

Controls Accept header.

Example Value Schema

0

Media type

application/json

Example Value Schema

"100 CONTINUE"

Code	Description	Links
500	Internal server error	No links

GET	/api/apartments/{apartmentId}/periods	Search periods	^																				
Search periods according to search parameters																							
Parameters			Try it out																				
<table border="1"> <thead> <tr> <th>Name</th><th>Description</th><th> </th><th> </th></tr> </thead> <tbody> <tr> <td>apartmentId * required integer(\$int64) (path)</td><td>apartmentId</td><td> </td><td> </td></tr> <tr> <td>startDate string(\$date) (query)</td><td>startDate</td><td> </td><td> </td></tr> <tr> <td>endDate string(\$date) (query)</td><td>endDate</td><td> </td><td> </td></tr> <tr> <td>isAvailable boolean (query)</td><td>--</td><td> </td><td> </td></tr> </tbody> </table>				Name	Description			apartmentId * required integer(\$int64) (path)	apartmentId			startDate string(\$date) (query)	startDate			endDate string(\$date) (query)	endDate			isAvailable boolean (query)	--		
Name	Description																						
apartmentId * required integer(\$int64) (path)	apartmentId																						
startDate string(\$date) (query)	startDate																						
endDate string(\$date) (query)	endDate																						
isAvailable boolean (query)	--																						
Responses																							
Code	Description	Links																					
200	Successful operation	No links																					
<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>"string"</pre>																							
400	Invalid request	No links																					

Code	Description	Links				
	<p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div>					
	<p>Example Value Schema</p> <pre>[{ "periodNum": 7, "startDate": "1991-12-16", "endDate": "1997-08-29", "available": true }]</pre>					
500	Internal server error	No links				
	<p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div>					
	<p>Example Value Schema</p> <pre>[{ "periodNum": 7, "startDate": "1991-12-16", "endDate": "1997-08-29", "available": true }]</pre>					
POST /api/apartments/{apartmentId}/periods Add a new period		^				
Add a new period						
Parameters		Try it out				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Name</th><th>Description</th></tr> </thead> <tbody> <tr> <td>apartmentId * required integer(\$int64) (path)</td><td style="padding: 10px;">apartmentId</td></tr> </tbody> </table>			Name	Description	apartmentId * required integer(\$int64) (path)	apartmentId
Name	Description					
apartmentId * required integer(\$int64) (path)	apartmentId					
Request body required		application/json				
<p>Example Value Schema</p> <pre>{ "startDate": "1991-12-16", "endDate": "1997-08-29" }</pre>						
Responses						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Code</th><th>Description</th></tr> </thead> <tbody> <tr> <td>200</td><td>Successful operation</td></tr> </tbody> </table>		Code	Description	200	Successful operation	Links
Code	Description					
200	Successful operation					
		No links				
<p>Media type</p>						

Code	Description	Links
	<p>application/json</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <p>0</p>	
400	Bad request	No links
	<p>Media type</p> <p>application/json</p> <p>Example Value Schema</p> <p>0</p>	
403	User is not owner	No links
	<p>Media type</p> <p>application/json</p> <p>Example Value Schema</p> <p>0</p>	
404	Apartment not found	No links
	<p>Media type</p> <p>application/json</p> <p>Example Value Schema</p> <p>0</p>	
500	Internal server error	No links
	<p>Media type</p> <p>application/json</p> <p>Example Value Schema</p> <p>0</p>	

GET /api/apartments/{apartmentId}/reviews Returns a list of reviews of an apartment ^

Search reviews according to search parameters

Parameters

Try it out

Name	Description
apartmentId * required integer(\$int64) (path)	apartmentId
rating integer(\$int32) (query)	rating
author string (query)	author

Responses

Code	Description	Links
200	successful operation	No links
	<p>Media type</p> <div style="border: 2px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>[{ "text": "Some review about some apartment", "rating": 5, "author": "owner" }]</pre>	
400	Bad request	No links
	<p>Media type</p> <div style="border: 2px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>[{ "text": "Some review about some apartment", "rating": 5, "author": "owner" }]</pre>	
404	Apartment not found	No links
	<p>Media type</p> <div style="border: 2px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>[{ "text": "Some review about some apartment", "rating": 5, "author": "owner" }]</pre>	
500	Internal server error	No links

Code	Description	Links
Media type		
application/json		
Example Value	Schema	
	<pre>[{ "text": "Some review about some apartment", "rating": 5, "author": "owner" }]</pre>	
GET	<code>/api/apartments/{apartmentId}/reservations</code> Returns a list of the reservations of an apartment	^
Search reservations according to search parameters		
Parameters		Try it out
Name	Description	
apartmentId * required integer(\$int64) (path)	apartmentId	
startDate string(\$date) (query)	startDate	
endDate string(\$date) (query)	endDate	
client string (query)	client	
states array[string] (query)	Available values : UNDER_CONSIDERATION, BOOKED, OCCUPIED, AWAITING_REVIEW, CLOSED, REJECTED	
	-- UNDER_CONSIDERATION BOOKED OCCUPIED	
Responses		
Code	Description	Links
200	Successful operation	No links
Media type		
application/json		
Controls Accept header.		
Example Value	Schema	

Code	Description	Links
	<p>"string"</p>	
400	Invalid request	No links
	<p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div>	
	<p>Example Value Schema</p> <pre>[{ "reservationId": 0, "startDate": "2023-11-05", "endDate": "2023-11-05", "state": { "name": "UNDER_CONSIDERATION" }, "apartmentShortDTO": { "apartmentId": 52, "name": "The BatCave", "location": "unknown", "picture": "somepicatsomeurl1.jpg", "price": 52, "available": true } }]</pre>	
500	Internal server error	No links
	<p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div>	
	<p>Example Value Schema</p> <pre>[{ "reservationId": 0, "startDate": "2023-11-05", "endDate": "2023-11-05", "state": { "name": "UNDER_CONSIDERATION" }, "apartmentShortDTO": { "apartmentId": 52, "name": "The BatCave", "location": "unknown", "picture": "somepicatsomeurl1.jpg", "price": 52, "available": true } }]</pre>	

Users

Users API



GET	/api/users/{username}	Returns the user by its username							
Returns the user by its username									
Parameters									
<table border="1"> <thead> <tr> <th>Name</th><th>Description</th></tr> </thead> <tbody> <tr> <td>username * required</td><td>username</td></tr> <tr> <td>string</td><td></td></tr> </tbody> </table>				Name	Description	username * required	username	string	
Name	Description								
username * required	username								
string									
			Try it out						

Name	Description	
(path)		
Responses		
Code	Description	Links
200	successful operation	No links
	Media type	
	application/json	
	Controls Accept header.	
	Example Value	Schema
	<pre>{ "username": "string", "name": "string", "email": "string", "picture": "string", "phone": "string", "apartments": [{ "apartmentId": 52, "name": "The BatCave", "location": "unknown", "picture": "somepicatsomeurl1.jpg", "price": 52, "available": true }] }</pre>	
400	Bad request	No links
	Media type	
	application/json	
	Example Value	Schema
	<pre>{ "username": "string", "name": "string", "email": "string", "picture": "string", "phone": "string", "apartments": [{ "apartmentId": 52, "name": "The BatCave", "location": "unknown", "picture": "somepicatsomeurl1.jpg", "price": 52, "available": true }] }</pre>	
404	User not found	No links
	Media type	
	application/json	
	Example Value	Schema
	<pre>{ "username": "string", "name": "string", "email": "string", "picture": "string", "phone": "string", "apartments": [</pre>	

Code	Description	Links
	<pre>{ "apartmentId": 52, "name": "The BatCave", "location": "unknown", "picture": "somepicatsomeurl1.jpg", "price": 52, "available": true }]</pre>	
500	Internal server error	No links

Media type

application/json

Example Value Schema

```
{
    "username": "string",
    "name": "string",
    "email": "string",
    "picture": "string",
    "phone": "string",
    "apartments": [
        {
            "apartmentId": 52,
            "name": "The BatCave",
            "location": "unknown",
            "picture": "somepicatsomeurl1.jpg",
            "price": 52,
            "available": true
        }
    ]
}
```

PUT /api/users/{username} Update an existing user ^

Updates an existing user

Parameters

Try it out

Name	Description
username * required string (path)	<input style="width: 200px; height: 30px; border: 1px solid #ccc; border-radius: 5px; padding: 5px; margin-bottom: 5px;" type="text" value="username"/>

Request body required

application/json

Example Value Schema

```
{
    "password": "string",
    "name": "string",
    "email": "string",
    "picture": "string",
    "phone": "string"
}
```

Responses

Code	Description	Links
200	Successful operation	No links
	<p>Media type</p> <div style="border: 1px solid green; padding: 2px;">*/*</div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "username": "string", "name": "string", "email": "string", "picture": "string", "phone": "string", "apartments": [{ "apartmentId": 52, "name": "The BatCave", "location": "unknown", "picture": "somepicatsomeurl1.jpg", "price": 52, "available": true }] }</pre>	

500	Internal server error	No links
	<p>Media type</p> <div style="border: 1px solid green; padding: 2px;">*/*</div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "username": "string", "name": "string", "email": "string", "picture": "string", "phone": "string", "apartments": [{ "apartmentId": 52, "name": "The BatCave", "location": "unknown", "picture": "somepicatsomeurl1.jpg", "price": 52, "available": true }] }</pre>	

DELETE /api/users/{username} Delete user

^

Deletes a user

Parameters

[Try it out](#)

Name Description

username * requiredstring
(path)

username

Responses

Code	Description	Links
200	successful operation	No links
	<p>Media type</p> <div style="border: 1px solid green; padding: 2px;">*/*</div> <p>Controls Accept header.</p>	
	<p>Example Value Schema</p> <pre>{ "username": "string", "name": "string", "email": "string" }</pre>	
400	Bad request	No links
	<p>Media type</p> <div style="border: 1px solid black; padding: 2px;">*/*</div>	
	<p>Example Value Schema</p> <pre>{ "username": "string", "name": "string", "email": "string" }</pre>	
404	User not found	No links
	<p>Media type</p> <div style="border: 1px solid black; padding: 2px;">*/*</div>	
	<p>Example Value Schema</p> <pre>{ "username": "string", "name": "string", "email": "string" }</pre>	
500	Internal server error	No links
	<p>Media type</p> <div style="border: 1px solid black; padding: 2px;">*/*</div>	
	<p>Example Value Schema</p> <pre>{ "username": "string", "name": "string", "email": "string" }</pre>	

GET /api/users Returns a list of users in the application system ^

Returns a list of users in the application system

Parameters

[Try it out](#)

Name	Description
name string (query)	name
email string (query)	email
phone string (query)	phone

Responses

Code	Description	Links
200	successful operation	No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
[
  {
    "username": "string",
    "name": "string",
    "email": "string",
    "picture": "string",
    "phone": "string"
  }
]
```

POST /api/users Adds a user ^

Adds a user

Parameters**Try it out**

No parameters

Request body required**application/json****Example Value** Schema

```
{
  "username": "string",
  "password": "string",
  "name": "string",
  "email": "string",
  "picture": "string",
  "phone": "string",
  "apartments": [
    {
      "apartmentId": 52,
      "name": "The BatCave",
      "location": "unknown",
      "picture": "somepicatsomeurl1.jpg",
      "price": 52,
      "available": true
    }
}
```

}]

Responses

Code	Description	Links
200	Successful operation	No links
	<p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>"string"</pre>	
400	Bad request	No links
	<p>Media type</p> <p>application/json</p> <p>Example Value Schema</p> <pre>"string"</pre>	
500	Internal server error	No links
	<p>Media type</p> <p>application/json</p> <p>Example Value Schema</p> <pre>"string"</pre>	

GET /api/users/{username}/reviews Returns a list of reviews of a user ^

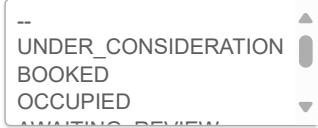
Search reviews according to search parameters

Parameters

Try it out

Name	Description
username * required string (path)	username
rating integer(\$int32) (query)	rating

Name	Description	
apartment integer(\$int64) (query)	apartment	
Responses		
Code	Description	Links
200	successful operation	No links
	<p>Media type</p> <div style="border: 2px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>[{ "text": "Some review about some apartment", "rating": 5, "author": "author" }]</pre>	
400	Bad request	No links
	<p>Media type</p> <div style="border: 2px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>[{ "text": "Some review about some apartment", "rating": 5, "author": "author" }]</pre>	
404	User not found	No links
	<p>Media type</p> <div style="border: 2px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>[{ "text": "Some review about some apartment", "rating": 5, "author": "author" }]</pre>	
500	Internal server error	No links
	<p>Media type</p> <div style="border: 2px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value Schema</p> <pre>[{ "text": "Some review about some apartment", "rating": 5, "author": "author" }]</pre>	

Code	Description	Links
	<pre>"rating": 5, "author": "author" }</pre> <p>]</p>	
GET	/api/users/{username}/reservations Returns a list of reservations of a user	^
Search reservations according to search parameters		
Parameters		Try it out
Name	Description	
username * required	string (path)	username
startDate	string(\$date) (query)	startDate
endDate	string(\$date) (query)	endDate
apartment	integer(\$int64) (query)	apartment
states	array[string] (query)	<p>Available values : UNDER_CONSIDERATION, BOOKED, OCCUPIED, AWAITING_REVIEW, CLOSED, REJECTED</p> 
Responses		
Code	Description	Links
200	successful operation	No links
Media type application/json		
Controls Accept header.		
Example Value Schema		
<pre>[{ "reservationId": 0, "startDate": "2023-11-05", "endDate": "2023-11-05", "state": { "name": "UNDER_CONSIDERATION" }, "apartmentShortDTO": { "apartmentId": 52, "name": "The BatCave", "location": "unknown" } }]</pre>		

Code	Description	Links
400	<p>Bad request</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div>	No links
404	<p>User not found</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div>	No links
500	<p>Internal server error</p> <p>Media type</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">application/json</div>	No links

Code	Description	Links
	<pre> "price": 52, "available": true }] </pre>	

schemas



```

UserUpdateDTO  {
    password      string
    name          string
    email         string
    picture       string
    phone         string
}

ApartmentShortDTO  {
    apartmentId* integer($int64)
    example: 52
    name*          string
    example: The BatCave
    location*      string
    example: unknown
    picture*       string
    example: somepicsatsomeurl1.jpg
    price*         number($float)
    example: 52
    available*     boolean
    example: true
}

UserPasswordlessDTO  {
    username*     string
    name*          string
    email*         string
    picture*       string
    phone*         string
    apartments*   [
        ApartmentShortDTO  {
            apartmentId* integer($int64)
            example: 52
            name*          string
            example: The BatCave
            location*      string
            example: unknown
            picture*       string
            example: somepicsatsomeurl1.jpg
            price*         number($float)
            example: 52
            available*     boolean
            example: true
        }
    ]
}

ReservationStateCreateDTO  {
    name*          string
    Enum:
    startDate*     string($date)
    example: [ UNDER_CONSIDERATION, BOOKED, OCCUPIED, AWAITING_REVIEW, CLOSED, REJECTED ]
}

```

```

ReservationStateUpdateDTO {
    endDate             string($date)
    nextState*         string
ReservationStateCreateDTO {
    name*              string
    Enum:
        [ UNDER_CONSIDERATION, BOOKED, OCCUPIED, AWAITING REVIEW, CLOSED,
        REJECTED ]
    startDate*         string($date)
}
}

ApartmentUpdateDTO {
    name               string
    example: The BatCave
    description        string
    example: dark
    amenities          [
        uniqueItems: true
        example: List [ "Batcomputer", "Batmobile", "JL Teleporter" ]
        string
        example: ["Batcomputer","Batmobile","JL Teleporter"]
    ]
    pictures            [
        uniqueItems: true
        example: List [ "somepicatsomeurl1.jpg", "somepicatsomeurl2.jpg" ]
        string
        example: ["somepicatsomeurl1.jpg","somepicatsomeurl2.jpg"]
    ]
    price               number($float)
    example: 52
    available           boolean
    example: true
}

PeriodUpdateDTO {
    startDate           string($date)
    example: 1991-12-16
    endDate             string($date)
    example: 1997-08-29
    available           boolean
    example: true
}

UserDTO {
    username*          string
    password*          string
    name*              string
    email*             string
    picture*           string
    phone*             string
    apartments*        [
        ApartmentShortDTO {
            apartmentId*   integer($int64)
            example: 52
            name*           string
            example: The BatCave
            location*       string
            example: unknown
            picture*        string
            example: somepicatsomeurl1.jpg
            price*          number($float)
            example: 52
            available*      boolean
            example: true
        }
    ]
}

ReviewCreateDTO {
    text*              string
    example: Some review about some apartment
    rating*            number($float)
    example: 5
}

```

```

ApartmentCreateDTO  {
    name*
        string
        example: The BatCave
    description*
        string
        example: dark
    location*
        string
        example: unknown
    amenities*
        [
            uniqueItems: true
            example: List [ "Batcomputer", "Batmobile", "JL Teleporter" ]
        string
        example: ["Batcomputer","Batmobile","JL Teleporter"]
    pictures*
        [
            uniqueItems: true
            example: List [ "somepicatsomeurl1.jpg", "somepicatsomeurl2.jpg" ]
        string
        example: ["somepicatsomeurl1.jpg","somepicatsomeurl2.jpg"]
    price*
        number($float)
        example: 52
    available*
        boolean
        example: true
    ownerUsername*
        string
        example: masternoob69
}

PeriodCreateDTO  {
    startDate*
        string($date)
        example: 1991-12-16
    endDate*
        string($date)
        example: 1997-08-29
}

ApartmentDAO  {
    apartmentId*
        integer($int64)
        example: 52
    name*
        string
        example: The BatCave
    description*
        string
        example: dark
    location*
        string
        example: unknown
    amenities*
        [
            uniqueItems: true
            example: List [ "Batcomputer", "Batmobile", "JL Teleporter" ]
        string
        example: ["Batcomputer","Batmobile","JL Teleporter"]
    pictures*
        [
            uniqueItems: true
            example: List [ "somepicatsomeurl1.jpg", "somepicatsomeurl2.jpg" ]
        string
        example: ["somepicatsomeurl1.jpg","somepicatsomeurl2.jpg"]
    price*
        number($float)
        example: 52
    available*
        boolean
        example: true
    periods*
        [
            example: periods
            [
                {
                    ...
                }
            ]
        {
            ...
        }
    }
}
example: apartments

```

```

PeriodDAO    {
  periodNum*      integer($int32)
  example: 7
  startDate*      string($date)
  example: 1991-12-16
  endDate*        string($date)
  example: 1997-08-29
  available*      boolean
  example: true
  apartment*      ApartmentDAO  {
    apartmentId*   integer($int64)
    example: 52
    name*          string
    example: The BatCave
    description*   string
    example: dark
    location*      string
    example: unknown
    amenities*     [
      uniqueItems: true
      example: List [ "Batcomputer", "Batmobile", "JL Teleporter" ]
      string
      example: ["Batcomputer", "Batmobile", "JL Teleporter"]
    ]
    pictures*       [
      uniqueItems: true
      example: List [ "somepicatsomeurl1.jpg", "somepicatsomeurl2.jpg" ]
      string
      example: ["somepicatsomeurl1.jpg", "somepicatsomeurl2.jpg"]
    ]
    price*          number($float)
    example: 52
    available*      boolean
    example: true
    periods*        [
      example: periods
      [
        {
      }
    ]
    owner*          {
      }
    }
  }
  example: apartments
}
example: reservations
ReservationDAO  {
  reservationNum* integer($int32)
  example: 7
  startDate*      string($date)
  example: 1991-12-16
  endDate*        string($date)
  example: 1997-08-29
  client*         {
    }
  period*          {
    }
  states*          [
    example: states
]
ReservationStateDAO {
  name*           string
  example: under_consideration
  Enum:
    [ UNDER_CONSIDERATION, BOOKED, OCCUPIED, AWAITING REVIEW, CLOSED, REJECTED ]
  startDate*      string($date)
  example: 1991-12-16
  endDate         string($date)
  example: 1997-08-29
  reservation*   {
    }
}
example: states]
ReviewDAO        {
  text*           string
  example: Some review about some apartment
  rating*         number($float)
  example: 5
  reservation*   {
    }
}
example: review
}
example: reservations
}

```

```
ReservationDAO {
    reservationNum* {
        integer($int32)
        example: 7
    }
    startDate* {
        string($date)
        example: 1991-12-16
    }
    endDate* {
        string($date)
        example: 1997-08-29
    }
    client* {
    }
    period* {
    }
    states* [
        example: states
    ]
}

ReservationStateDAO {
    name* {
        string
        example: under_consideration
    }
    Enum: [
        Array [ 6 ]
        string($date)
        example: 1991-12-16
    ]
    endDate {
        string($date)
        example: 1997-08-29
    }
    reservation* {
    }
}
example: states]

review
ReviewDAO {
    text* {
        string
        example: Some review about some apartment
    }
    rating* {
        number($float)
        example: 5
    }
    reservation* {
    }
}
example: review

}
example: reservations
```

```

ReservationId {
  reservationNum* [
    ...
  ]
  client*
}

UserDAO {
  username* string
  password* string
  name* string
  email* string
  picture* string
  phone* string
  apartments* [
    example: apartments
  ]
}

ApartmentDAO {
  apartmentId* integer($int64)
  name* string
  description* string
  location* string
  amenities* [
    uniqueItems: true
    example: List [ "Batcomputer", "Batmobile", "JL Teleporter" ]
  ]
  pictures* [
    uniqueItems: true
    example: List [ "somepicatsomeurl1.jpg", "somepicatsomeurl2.jpg" ]
  ]
  price* number($float)
  available* boolean
  periods* [
    example: periods
  ]
  owner* {
  }
}

reservations* [
  example: reservations
]

ReservationDAO {
  reservationNum* integer($int32)
  startDate* string($date)
  endDate* string($date)
  client*
  period*
  states* [
    example: states
  ]
}

ReservationStateDAO {
  name* string
  example: under_consideration
  Enum: Array [ 6 ]
  startDate* string($date)
  endDate* string($date)
  reservation* {
  }
}

review [
  example: states
]

ReviewDAO {
  text* string
}

```

```

rating*           example: Some
review about some
apartment
number($float)
example: 5
{
}
}

example: review
}
example: reservations]
}

period*          {
PeriodDAO          {
    periodNum*   integer($int32)
    example: 7
    startDate*   string($date)
    example: 1991-12-16
    endDate*    [...]
    available*   boolean
    example: true
    apartment*   ApartmentDAO
    {
        apartmentId* integer($int64)
        example: 52
        name*         string
        example: The BatCave
        description* string
        example: dark
        location*    string
        example: unknown
        amenities*   [
            uniqueItems: true
            example: List [ "Batcomputer", "Batmobile", "JL
Teleporter" ]
            string
            example: ["Batcomputer", "Batmobile", "JL
Teleporter"]
        ]
        pictures*    [
            uniqueItems: true
            example: List [ "somepicatsomeurl1.jpg",
"somepicatsomeurl2.jpg" ]
            string
            example:
[ "somepicatsomeurl1.jpg", "somepicatsomeurl2.jpg" ]
            number($float)
            example: 52
            boolean
            example: true
            periods*     [
                example: periods
                [
                    {
                }
            ]
            owner*       {
            }
        ]
        example: apartments
    }
    example: reservations
}
example: reservations
}

ReservationDAO    {
    reservationNum* integer($int32)
    example: 7
    startDate*   string($date)
    example: 1991-12-16
    endDate*    string($date)
    example: 1997-08-29
    client*      {
    }
    period*      {
    }
    states*      [
        example: states
    }
}

ReservationStateDAO {
    name*         string
    example: under_consideration
    Enum:
    [
        UNDER_CONSIDERATION,
        BOOKED, OCCUPIED,
        AWAITING REVIEW,
        CLOSED, REJECTED ]
    startDate*   string($date)
    example: 1991-12-16
    endDate*    string($date)
    example: 1997-08-29
    reservation* {
    }
}

```

```

        }
        example: states]
ReviewDAO {
    text* string
    example: Some
    review about some
    apartment
    number($float)
    example: 5
    rating* float
    reservation* {
        }
        example: review
    }
    example: reservations]
}

```

```

ReservationStateDAO {
    name* string
    example: under_consideration
    Enum:
        [ UNDER_CONSIDERATION, BOOKED, OCCUPIED, AWAITING REVIEW, CLOSED, REJECTED ]
    startDate* string($date)
    example: 1991-12-16
    endDate string($date)
    example: 1997-08-29
    reservation* {
    }
}
example: states

```

```

ReviewDAO {
    text* string
    example: Some review about some apartment
    number($float)
    example: 5
    rating* float
    reservation* {
    }
}
example: review

```

```

UserDAO {
    username* string
        example: noobmaster69
    password* string
        example: thestrongestavenger
    name* string
        example: Aaron
    email* string
        example: aaron@email.com
    picture* string
        example: somepicatsomeurl.jpg
    phone* string
        example: 636-555-3226
    apartments* [
        example: apartments
    ]
}

ApartmentDAO {
    apartmentId* integer($int64)
        example: 52
    name* string
        example: The BatCave
    description* string
        example: dark
    location* string
        example: unknown
    amenities* [
        uniqueItems: true
        example: List [ "Batcomputer", "Batmobile", "JL Teleporter" ]
    ]
    pictures* [
        uniqueItems: true
        example: List [ "somepicatsomeurl1.jpg", "somepicatsomeurl2.jpg" ]
    ]
    price* number($float)
        example: 52
    available* boolean
        example: true
    periods* [
        example: periods
    ]
    owner* {
    }
}
example: apartments]

reservations* [
    example: reservations
]

ReservationDAO {
    reservationNum* integer($int32)
        example: 7
    startDate* string($date)
        example: 1991-12-16
    endDate* string($date)
        example: 1997-08-29
    client* {
    }
    period* {
    }
    states* [
        example: states
    ]
}

ReservationStateDAO {
    name* string
        example: under_consideration
    Enum: [
        UNDER_CONSIDERATION, BOOKED, OCCUPIED, AWAITING REVIEW, CLOSED, REJECTED
    ]
    startDate* string($date)
        example: 1991-12-16
    endDate string($date)
        example: 1997-08-29
    reservation* {
    }
}
example: states]

review
ReviewDAO {
    text* string
        example: Some review about some apartment
    rating* number($float)
        example: 5
    reservation* {
    }
}

```

```

        }
        example: review
    }
}

example: reservations]
```

```

ReservationCreateDTO {
    startDate*           string($date)
    endDate*            string($date)
    client*             string
}
UserShortDTO {
    username*           string
    name*               string
}
example: owner
```

```

UserShortDTO {
    username*           string
    name*               string
}
example: owner
```

```

UserListDTO {
    username*           string
    name*               string
    email*              string
    picture*            string
    phone*              string
}
```

```

ApartmentShortInfoDTO {
    apartmentId*        integer($int64)
    example: 52
    name*                string
    example: The BatCave
    location*             string
    example: unknown
    price*                number($float)
    example: 52
}
example: author
```

```

ReviewUsersListDTO {
    text*                string
    example: Some review about some apartment
    rating*              number($float)
    example: 5
    author*               ApartmentShortInfoDTO {
        apartmentId*        integer($int64)
        example: 52
        name*                string
        example: The BatCave
        location*             string
        example: unknown
        price*                number($float)
        example: 52
    }
    example: author
}
```

```

ReservationListDTO    {
  reservationId*      integer($int32)
  startDate*          string($date)
  endDate*           string($date)
  state*             string

  ReservationStateShortDTO  {
    name*              string
    Enum:
      [ UNDER_CONSIDERATION, BOOKED, OCCUPIED, AWAITING REVIEW, CLOSED,
        REJECTED ]
  }

  apartmentShortDTO*
  ApartmentShortDTO    {
    apartmentId*       integer($int64)
    example: 52
    name*              string
    example: The BatCave
    location*          string
    example: unknown
    picture*           string
    example: somepicatsomeurl1.jpg
    price*              number($float)
    example: 52
    available*         boolean
    example: true
  }
}

ReservationStateShortDTO  {
  name*              string
  Enum:
    [ UNDER_CONSIDERATION, BOOKED, OCCUPIED, AWAITING REVIEW, CLOSED, REJECTED ]
}

PeriodShortDTO    {
  periodNum*          integer($int32)
  example: 7
  startDate*          string($date)
  example: 1991-12-16
  endDate*           string($date)
  example: 1997-08-29
  available*          boolean
  example: true
}

```

```

ReservationDTO    {
  reservationNum*   integer($int32)
  startDate*        string($date)
  endDate*          string($date)
  client*           string
  period*           {
    periodNum*      integer($int32)
    startDate*       string($date)
    endDate*         string($date)
    available*       boolean
    example: true
  }
  apartmentDTO*    {
    apartmentId*    integer($int64)
    name*            string
    location*        string
    picture*         string
    price*           number($float)
    available*       boolean
    example: true
  }
  review             {
    text              string
    rating            number($float)
    example: 5
  }
}

ReviewDTO    {
  text              string
  rating            number($float)
  example: 5
}

ReservationStateDTO    {
  name*             string
  Enum:
  startDate*        string($date)
  endDate*          string($date)
}

```

```

ApartmentListDTO  {
    apartmentId*      integer($int64)
    name*             string
    location*         string
    amenities*        [
        uniqueItems: true
        example: List [ "Batcomputer", "Batmobile", "JL Teleporter" ]
        [...]
    ]
    pictures*          string
    price*            number($float)
    available*        boolean
    owner*             UserShortDTO  {
        username*      string
        name*           string
    }
    example: owner
}

```

```

ApartmentDTO  {
    name*             string
    description*      string
    location*         string
    amenities*        [
        uniqueItems: true
        example: List [ "Batcomputer", "Batmobile", "JL Teleporter" ]
        string
        example: ["Batcomputer","Batmobile","JL Teleporter"]
    ]
    pictures*          [
        uniqueItems: true
        example: List [ "somepicatsomeurl1.jpg", "somepicatsomeurl2.jpg" ]
        string
        example: ["somepicatsomeurl1.jpg","somepicatsomeurl2.jpg"]
    ]
    price*            number($float)
    available*        boolean
    owner*              UserShortDTO  {
        username*      string
        name*           string
    }
    example: owner
}

```

```

ReviewApartmentsListDTO  {
    text*              string
    rating*            number($float)
    author*             UserShortDTO  {
        username*      string
        name*           string
    }
    example: owner
}

```

```

PeriodDTO  {
    isAvailable*       boolean
    startDate*         string($date)
    endDate*          string($date)
}

```

```
UserDeleteDTO {
    username*           string
    name*              string
    email*             string
}

ReservationLimitedDTO {
    reservationNum*    integer($int32)
    startDate*         string($date)
    endDate*          string($date)
}

ApartmentDeleteDTO {
    apartmentId*       integer($int64)
    example: 52
    name*              string
    example: The BatCave
    location*          string
    example: unknown
    owner*              UserShortDTO {
        username*       string
        name*            string
    }
    example: owner
}
```