Swagger UI

/q/openapi

Explore

Punchclock API

1.0.0 OAS3

/q/openapi

Dokumentation der Schnittstelle des Übungsprojekts Punchclock

Authorize

Bookings Handling of bookings

GET `/bookings` Index all entries.

Returns a list of all entries.

Parameters Try it out

No parameters

Responses

Code	Description	Links

200	OK
	
	Media type
	application/json
	Controls `Accept` header.
	
	Example Value Schema
	
	[
	{
	"id": 0,
	"user": {
	"id": 0,
	"userType": {
	"id": 0,
	"users": [
	"string"
	],
	"title": "string"
	},
	"booking": [
	"string"
	],
	"surname": "string",
	"firstname": "string",
	"email": "string",
	"password": "string",
	"bookings": [
	"string"
	]
	},
	"space": {
	"id": 0,
	"spaceType": {
	"id": 0,
	"spaces": [
		No links

401	Not Authorized	*No links*

Code	Description	Links
403	Not Allowed	*No links*

POST **/bookings** Creates a new booking.

Creates a new booking and returns the newly added booking.

Parameters Try it out

No parameters

Request body application/json

Example Value Schema


```
{
  "user": {
    "userType": {
      "users": [
        "string"
      ],
      "title": "string"
    },
    "booking": [
      "string"
    ],
    "surname": "string",
    "firstname": "string",
    "email": "string",
    "password": "string",
    "bookings": [
      "string"
    ]
  },
```

```
  "space": {
    "spaceType": {
      "spaces": [
        "string"
      ],
      "title": "string"
    },
    "booking": [
      "string"
```


Responses

Code	Description	Links
200	OK Media type **application/json** Controls `Accept` header. **Example Value** Schema	*No lin*


```
{
  "id": 0,
  "user": {
    "id": 0,
    "userType": {
      "id": 0,
      "users": [
        "string"
      ],
      "title": "string"
    },
    "booking": [
      "string"
    ],
    "surname": "string",
    "firstname": "string",
```

Code		Links

	<pre>"email": "string",
	"password": "string",
	"bookings": [
	"string"
	]
	},
	"space": {
	"id": 0,
	"spaceType": {
	"id": 0,
	"spaces": [</pre>	

401	Not Authorized	*No links*
403	Not Allowed	*No links*

PUT **/bookings/{id}** Updates an booking.

Updates an booking by its id.

Parameters Try it out

Name	Description
id * required `integer($int64)` *(path)*	id

Request body application/json

Example Value Schema


```
{
  "user": {
    "userType": {
      "users": [
        "string"
      ],
      "title": "string"
    },
    "booking": [
      "string"
    ],
    "surname": "string",
    "firstname": "string",
    "email": "string",
    "password": "string",
    "bookings": [
      "string"
    ]
  },
  "space": {
    "spaceType": {
      "spaces": [
        "string"
      ],
      "title": "string"
    },
    "booking": [
      "string"
```


Responses

Code	Description	Links
200	OK Media type	*No links*

Code	Description	Links

	application/json
	Controls `Accept` header.
	
	Example Value Schema
	
	{
	"id": 0,
	"user": {
	"id": 0,
	"userType": {
	"id": 0,
	"users": [
	"string"
	],
	"title": "string"
	},
	"booking": [
	"string"
	],
	"surname": "string",
	"firstname": "string",
	"email": "string",
	"password": "string",
	"bookings": [
	"string"
	]
	},
	"space": {
	"id": 0,
	"spaceType": {
	"id": 0,
	"spaces": [
	"string"	

401	Not Authorized	*No links*
403	Not Allowed	*No links*

DELETE **/bookings/{id}** Deletes an booking.

Deletes an booking by its id.

Parameters Try it out

Name	Description
id * required `integer($int64)` *(path)*	id

Responses

Code	Description	Links
204	No Content	*No links*
401	Not Authorized	*No links*
403	Not Allowed	*No links*

Session Handling of sessions

POST `/session` Authenticate a user.

Returns a token upon successful authentication.

Parameters Try it out

No parameters

Request body application/json

Example Value Schema

```
{
  "email": ";",
  "password": "P"
}
```

Responses

Code	Description	Links
200	OK	*No links*

Sign In Handling of Signins

POST `/signin` Register a user.

Returns a token upon successful authentication.

Parameters Try it out

No parameters

Request body application/json

Example Value Schema


```
{
  "userType": {
    "users": [
      "string"
    ],
    "title": "string"
  },
  "booking": [
    {
      "user": "string",
      "space": {
        "spaceType": {
          "spaces": [
            "string"
          ],
          "title": "string"
        },
        "booking": [
          "string"
        ],
        "title": "string",
        "price": 0,
        "bookingId": [
```

```
      "string"
    ]
  },
  "startDate": "2022-03-10T12:15:50",
```


Responses

Code	Description	Links
200	OK	*No lin*

SpaceTypes Handling of spaceTypes

GET `/spaceTypes` Index all categories.

Returns a list of all categories.

Parameters Try it out

No parameters

Responses

Code	Description	Links

200	OK
	
	Media type
	application/json
	Controls `Accept` header.
	
	Example Value Schema
	
	[
	{
	"id": 0,
	"spaces": [
	{
	"id": 0,
	"spaceType": "string",
	"booking": [
	{
	"id": 0,
	"user": {
	"id": 0,
	"userType": {
	"id": 0,
	"users": [
	"string"
	],
	"title": "string"
	},
	"booking": [
	"string"
	],
	"surname": "string",
	"firstname": "string",
	"email": "string",
	"password": "string",
	"bookings": [
	"string"
		No links

401	Not Authorized	*No links*

Code	Description	Links
403	Not Allowed	*No links*

POST **/spaceTypes** Creates a new spaceType.

Creates a new spaceType and returns the newly added spaceType.

Parameters Try it out

No parameters

Request body application/json

Example Value Schema


```
{
  "spaces": [
    {
      "spaceType": "string",
      "booking": [
        {
          "user": {
            "userType": {
              "users": [
                "string"
              ],
              "title": "string"
            },
            "booking": [
              "string"
            ],
            "surname": "string",
            "firstname": "string",
            "email": "string",
            "password": "string",
```

```
  "bookings": [
    "string"
  ]
},
"space": "string",
"startDate": "2022-03-10T12:15:50",
"endDate": "2022-03-10T12:15:50",
"price": 0,
```


Responses

Code	Description	Links
200	OK Media type **application/json** Controls `Accept` header. **Example Value** Schema	*No lin*


```
{
  "id": 0,
  "spaces": [
    {
      "id": 0,
      "spaceType": "string",
      "booking": [
        {
          "id": 0,
          "user": {
            "id": 0,
            "userType": {
              "id": 0,
              "users": [
                "string"
              ],
              "title": "string"
```

Code		Links


```
},
"booking": [
  "string"
],
"surname": "string",
"firstname": "string",
"email": "string",
"password": "string",
"bookings": [
  "string"
]
```


401	Not Authorized	*No links*
403	Not Allowed	*No links*

PUT **/spaceTypes/{id}** Updates an spaceType.

Updates an spaceType by its id.

Parameters **Try it out**

Name	Description
id * required `integer($int64)` *(path)*	id

Request body **application/json**

Example Value Schema


```
{
  "spaces": [
    {
      "spaceType": "string",
      "booking": [
        {
          "user": {
            "userType": {
              "users": [
                "string"
              ],
              "title": "string"
            },
            "booking": [
              "string"
            ],
            "surname": "string",
            "firstname": "string",
            "email": "string",
            "password": "string",
            "bookings": [
              "string"
            ]
          },
          "space": "string",
          "startDate": "2022-03-10T12:15:50",
          "endDate": "2022-03-10T12:15:50",
          "price": 0,
```


Responses

Code	Description	Links
200	OK Media type	*No links*

Code	Description	Links

	application/json
	Controls `Accept` header.
	
	Example Value Schema
	
	{
	"id": 0,
	"spaces": [
	{
	"id": 0,
	"spaceType": "string",
	"booking": [
	{
	"id": 0,
	"user": {
	"id": 0,
	"userType": {
	"id": 0,
	"users": [
	"string"
	],
	"title": "string"
	},
	"booking": [
	"string"
	],
	"surname": "string",
	"firstname": "string",
	"email": "string",
	"password": "string",
	"bookings": [
	"string"
	]	

401	Not Authorized	*No links*
403	Not Allowed	*No links*

DELETE **/spaceTypes/{id}** Deletes an spaceType.

Deletes an spaceType by its id.

Parameters Try it out

Name	Description
id * required `integer($int64)` *(path)*	id

Responses

Code	Description	Links
204	No Content	*No links*
401	Not Authorized	*No links*
403	Not Allowed	*No links*

Spaces Handling of spaces

GET **/spaces** Index all categories.

Returns a list of all categories.

Parameters Try it out

No parameters

Responses

Code	Description	Links
200	OK Media type application/json Controls `Accept` header. **Example Value** Schema	*No links*


```
[
  {
    "id": 0,
    "spaceType": {
      "id": 0,
      "spaces": [
        "string"
      ],
      "title": "string"
    },
    "booking": [
      {
```

Code		Links

	<pre>"id": 0,
	"user": {
	  "id": 0,
	  "userType": {
	  "id": 0,
	  "users": [
	  "string"
	  ],
	  "title": "string"
	  },
	  "booking": [
	  "string"
	  ],
	  "surname": "string",
	  "firstname": "string",</pre>	

401	Not Authorized	*No links*
403	Not Allowed	*No links*

POST **/spaces** Creates a new space.

Creates a new space and returns the newly added space.

Parameters Try it out

No parameters

Request body application/json

Example Value Schema

```
{
  "spaceType": {
    "spaces": [
      "string"
    ],
    "title": "string"
  },
  "booking": [
    {
      "user": {
        "userType": {
          "users": [
            "string"
          ],
          "title": "string"
        },
        "booking": [
          "string"
        ],
        "surname": "string",
        "firstname": "string",
        "email": "string",
        "password": "string",
        "bookings": [
          "string"
        ]
      },
      "space": "string",
```


Responses

Code	Description	Links
200	OK Media type **application/json** Controls `Accept` header.	*No links*

Code	Description	Links

	Example Value Schema
	<pre>{
	  "id": 0,
	  "spaceType": {
	  "id": 0,
	  "spaces": [
	  "string"
	  ],
	  "title": "string"
	  },
	  "booking": [
	  {
	  "id": 0,
	  "user": {
	  "id": 0,
	  "userType": {
	  "id": 0,
	  "users": [
	  "string"
	  ],
	  "title": "string"
	  },
	  "booking": [
	  "string"
	  ],
	  "surname": "string",
	  "firstname": "string",
	  "email": "string",
	  "password": "string",</pre>	

401	Not Authorized	*No links*
403	Not Allowed	*No links*

PUT **/spaces/{id}** Updates an space.

Updates an space by its id.

Parameters Try it out

Name	Description
id * required `integer($int64)` *(path)*	id

Request body application/json

Example Value Schema

```
{
  "spaceType": {
    "spaces": [
      "string"
    ],
    "title": "string"
  },
  "booking": [
    {
      "user": {
        "userType": {
          "users": [
            "string"
          ],
          "title": "string"
        },
        "booking": [
          "string"
        ],
        "surname": "string",
        "firstname": "string",
        "email": "string",
        "password": "string",
        "bookings": [
          "string"
        ]
      },
      "space": "string",
```


Responses

Code	Description	Links
200	OK Media type **application/json** Controls `Accept` header.	*No links*

Code	Description	Links

	Example Value Schema
	<pre>{
	  "id": 0,
	  "spaceType": {
	  "id": 0,
	  "spaces": [
	  "string"
	  ],
	  "title": "string"
	  },
	  "booking": [
	  {
	  "id": 0,
	  "user": {
	  "id": 0,
	  "userType": {
	  "id": 0,
	  "users": [
	  "string"
	  ],
	  "title": "string"
	  },
	  "booking": [
	  "string"
	  ],
	  "surname": "string",
	  "firstname": "string",
	  "email": "string",
	  "password": "string",</pre>	

401	Not Authorized	*No links*
403	Not Allowed	*No links*

DELETE **/spaces/{id}** Deletes an space.

Deletes an space by its id.

Parameters Try it out

Name	Description
id * required `integer($int64)` *(path)*	id

Responses

Code	Description	Links
204	No Content	*No links*
401	Not Authorized	*No links*
403	Not Allowed	*No links*

UserType Handling of userTypes

GET `/userTypes` Index all categories.

Returns a list of all categories.

Parameters Try it out

No parameters

Responses

Code	Description	Links
200	OK Media type application/json Controls `Accept` header. **Example Value** Schema	*No links*


```
[
  {
    "id": 0,
    "users": [
      {
        "id": 0,
        "userType": "string",
        "booking": [
          {
            "id": 0,
            "user": "string",
            "space": {
              "id": 0,
              "spaceType": {
                "id": 0,
```

Code		Links


```
    "spaces": [
      "string"
    ],
    "title": "string"
  },
  "booking": [
    "string"
  ],
  "title": "string",
  "price": 0,
  "bookingId": [
    "string"
  ]
```


401	Not Authorized	*No links*
403	Not Allowed	*No links*

POST **/userTypes** Creates a new userType.

Creates a new userType and returns the newly added userType.

Parameters Try it out

No parameters

Request body application/json

Example Value Schema


```
{
  "users": [
    {
```

```
"userType": "string",
"booking": [
  {
    "user": "string",
    "space": {
      "spaceType": {
        "spaces": [
          "string"
        ],
        "title": "string"
      },
      "booking": [
        "string"
      ],
      "title": "string",
      "price": 0,
      "bookingId": [
        "string"
      ]
    },
    "startDate": "2022-03-10T12:15:50",
    "endDate": "2022-03-10T12:15:50",
    "price": 0,
    "state": true
  }
```


Responses

Code	Description	Links
200	OK Media type **application/json** Controls `Accept` header. **Example Value** Schema	*No links*

Code	Description	Links

	{
	"id": 0,
	"users": [
	{
	"id": 0,
	"userType": "string",
	"booking": [
	{
	"id": 0,
	"user": "string",
	"space": {
	"id": 0,
	"spaceType": {
	"id": 0,
	"spaces": [
	"string"
	],
	"title": "string"
	},
	"booking": [
	"string"
	],
	"title": "string",
	"price": 0,
	"bookingId": [
	"string"
	]
	},	

401	Not Authorized	*No links*
403	Not Allowed	*No links*

PUT **/userTypes/{id}** Updates an userType.

Updates an userType by its id.

Parameters Try it out

Name	Description
id * required `integer($int64)` *(path)*	id

Request body application/json

Example Value Schema


```
{
  "users": [
    {
      "userType": "string",
      "booking": [
        {
          "user": "string",
          "space": {
            "spaceType": {
              "spaces": [
                "string"
              ],
              "title": "string"
            },
            "booking": [
              "string"
            ],
            "title": "string",
            "price": 0,
            "bookingId": [
              "string"
            ]
          },
          "startDate": "2022-03-10T12:15:50",
          "endDate": "2022-03-10T12:15:50",
          "price": 0,
          "state": true
        }
```

Responses

Code	Description	Links
200	OK Media type **application/json** Controls `Accept` header. **Example Value** Schema	*No links*


```
{
  "id": 0,
  "users": [
    {
      "id": 0,
      "userType": "string",
      "booking": [
        {
          "id": 0,
          "user": "string",
          "space": {
            "id": 0,
            "spaceType": {
              "id": 0,
              "spaces": [
                "string"
              ],
              "title": "string"
            },
            "booking": [
              "string"
            ],
            "title": "string",
            "price": 0,
            "bookingId": [
              "string"
```

Code	Description	Links
401	Not Authorized	*No links*
403	Not Allowed	*No links*

DELETE **/userTypes/{id}** Deletes an userType.

Deletes an userType by its id.

Parameters Try it out

Name	Description
id * required `integer($int64)` *(path)*	id

Responses

Code	Description	Links
204	No Content	*No links*

Code	Description	Links
401	Not Authorized	*No links*
403	Not Allowed	*No links*

Users Handling of users

`GET` `/users` Index all categories.

Returns a list of all categories.

Parameters Try it out

No parameters

Responses

Code	Description	Links
200	OK Media type	*No links*

Code	Description	Links

	application/json
	Controls `Accept` header.
	
	Example Value Schema
	
	[
	{
	"id": 0,
	"userType": {
	"id": 0,
	"users": [
	"string"
	],
	"title": "string"
	},
	"booking": [
	{
	"id": 0,
	"user": "string",
	"space": {
	"id": 0,
	"spaceType": {
	"id": 0,
	"spaces": [
	"string"
	],
	"title": "string"
	},
	"booking": [
	"string"
	],
	"title": "string",
	"price": 0,	

401	Not Authorized	*No links*
403	Not Allowed	*No links*

POST `/users` Creates a new user.

Creates a new user and returns the newly added user.

Parameters Try it out

No parameters

Request body application/json

Example Value Schema


```
{
  "userType": {
    "users": [
      "string"
    ],
    "title": "string"
  },
  "booking": [
    {
      "user": "string",
      "space": {
        "spaceType": {
          "spaces": [
            "string"
          ],
          "title": "string"
        },
        "booking": [
          "string"
        ],
        "title": "string",
        "price": 0,
        "bookingId": [
          "string"
        ]
      },
      "startDate": "2022-03-10T12:15:50",
      "endDate": "2022-03-10T12:15:50",
```

Responses

Code	Description	Links
200	OK Media type **application/json** Controls `Accept` header. **Example Value** Schema	*No links*


```
{
  "id": 0,
  "userType": {
    "id": 0,
    "users": [
      "string"
    ],
    "title": "string"
  },
  "booking": [
    {
      "id": 0,
      "user": "string",
      "space": {
        "id": 0,
        "spaceType": {
          "id": 0,
          "spaces": [
            "string"
          ],
          "title": "string"
        },
        "booking": [
          "string"
        ],
        "title": "string",
```

Code	Description	Links
	"price": 0,	
401	Not Authorized	*No links*
403	Not Allowed	*No links*

PUT **/users/{id}** Updates an user.

Updates an user by its id.

Parameters Try it out

Name	Description
id * required `integer($int64)` *(path)*	id

Request body application/json

Example Value Schema

```
{
  "userType": {
    "users": [
      "string"
    ],
    "title": "string"
  },
```

```
"booking": [
  {
    "user": "string",
    "space": {
      "spaceType": {
        "spaces": [
          "string"
        ],
        "title": "string"
      },
      "booking": [
        "string"
      ],
      "title": "string",
      "price": 0,
      "bookingId": [
        "string"
      ]
    },
    "startDate": "2022-03-10T12:15:50",
    "endDate": "2022-03-10T12:15:50",
```


Responses

Code	Description	Links
200	OK Media type **application/json** Controls `Accept` header. **Example Value** Schema `{ "id": 0, "userType": { "id": 0,`	*No links*

Code		Links

	"users": [
	"string"
	],
	"title": "string"
	},
	"booking": [
	{
	"id": 0,
	"user": "string",
	"space": {
	"id": 0,
	"spaceType": {
	"id": 0,
	"spaces": [
	"string"
	],
	"title": "string"
	},
	"booking": [
	"string"
	],
	"title": "string",
	"price": 0,	

401	Not Authorized	*No links*
403	Not Allowed	*No links*

DELETE **/users/{id}** Deletes an user.

Deletes an user by its id.

Parameters **Try it out**

Name	Description
id * required `integer($int64)` *(path)*	id

Responses

Code	Description	Links
204	No Content	*No links*
401	Not Authorized	*No links*
403	Not Allowed	*No links*

Schemas

ApplicationUser {

id integer($int64)
readOnly: true

userType **UserType** {...}

booking [...]

surname string

firstname string

email string

password string

bookings [...]

}

Booking {

id integer($int64)
readOnly: true

user **ApplicationUser** {...}

space **Space** {...}

startDate LocalDateTime string($date-time)
example: 2022-03-10T12:15:50

endDate LocalDateTime string($date-time)
example: 2022-03-10T12:15:50

price number($float)

state boolean

}

Credential {

email* string
pattern: \S

password* string
pattern: \S

}

LocalDateTime `string($date-time)`

example: 2022-03-10T12:15:50

Space `{`

id	`integer($int64)` *readOnly: true*
spaceType	**SpaceType** `{...}`
booking	`[...]`
title	`string`
price	`number($float)`
bookingId	`[...]`

`}`

SpaceType `{`

id	`integer($int64)` *readOnly: true*
spaces	`[...]`
title	`string`

`}`

UserType `{`

id	`integer($int64)` *readOnly: true*
users	`[...]`
title	`string`

`}`