

All EndPoints

flight-controller ^	
GET	/api/flight
POST	/api/flight
DELETE	/api/flight/{id}
airport-controller ^	
GET	/api/airport
POST	/api/airport
DELETE	/api/airport/{id}
search-controller ^	
GET	/api/search/flights

Airport Controller

Cruid İşlemleri

- Read

airport-controller ^	
GET	/api/airport
Parameters	
No parameters	
Execute Clear	
Responses	
Curl	
curl -X 'GET' \	
'http://localhost:8081/api/airport' \	
-H 'accept: */*'	
Request URL	
http://localhost:8081/api/airport	
Server response	
Code	Details
200	Response body
{	
{	
"airportId": 45,	
"city": "Izmir",	
"airportCode": "Izmir Havaalani"	
},	
{	
"airportId": 46,	
"city": "Istanbul",	
"airportCode": "Sabiha Gökçen Havaalani"	
},	
{	
"airportId": 47,	
"city": "Istanbul",	
"airportCode": "Istanbul Havaalani"	
},	
{	
"airportId": 48,	
"city": "Ankara",	
"airportCode": "Ankara Havaalani"	
}	
]	
Response headers	
connection: keep-alive	
content-type: application/json	
date: Sun, 04 Feb 2024 16:58:48 GMT	

- Delete

DELETE

/api/airport/{id}

Try it out

Parameters

Name	Description
id * required	
integer(\$int32)	50
(path)	

Responses

Code	Description	Links
200	OK	No links

Media type

/

Controls Accept header:

Example Value | Schema

string

POST

/api/airport

DELETE

/api/airport/{id}

Cancel

Parameters

Name	Description
id * required	
integer(\$int32)	50
(path)	

Execute

Clear

Responses

Curl

curl -X 'DELETE' \n'http://localhost:8081/api/airport/50' \n-H 'accept: */*'

Request URL

http://localhost:8081/api/airport/50

Server response

Code	Details
404	Error: response status is 404

Response body

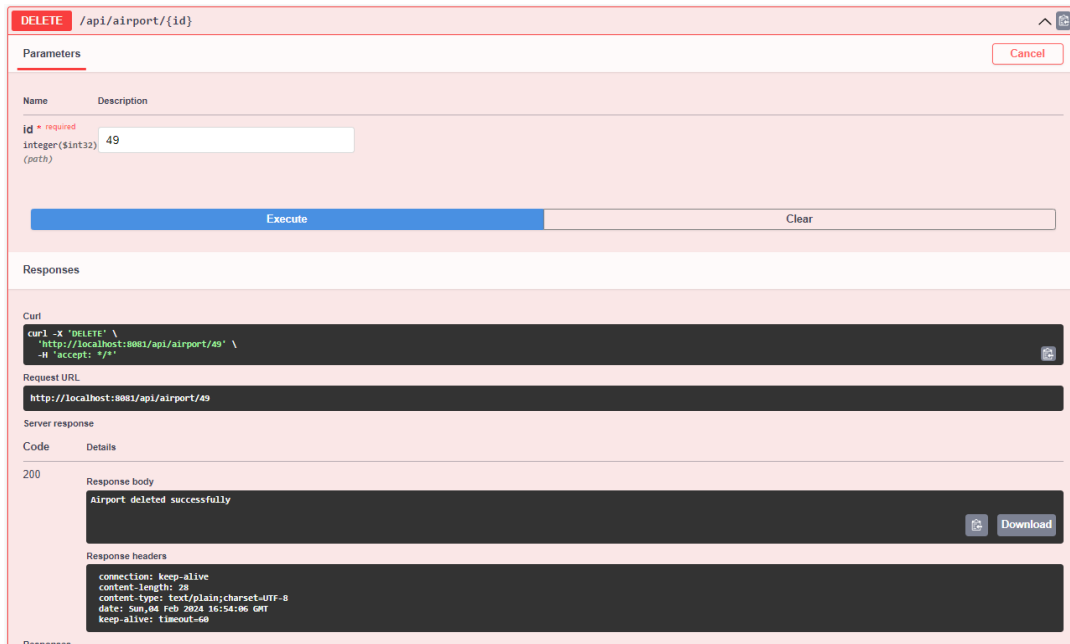
Airport not found with id: 50

Download

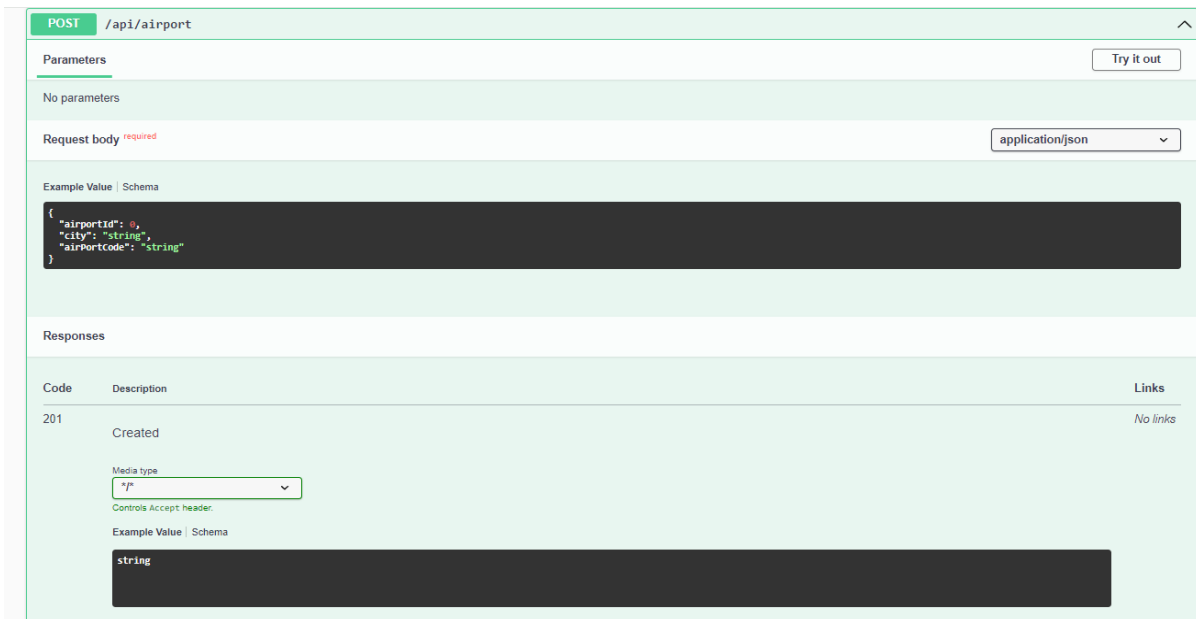
Response headers

connection: keep-alive\ncontent-length: 29\ncontent-type: text/plain; charset=utf-8\ndate: Sun, 04 Feb 2024 16:13:52 GMT\nkeep-alive: timeout=60

Silmek istediğimiz id ile ilgili bir airport kontrolü sağlanıyor. Airport bulunamazsa geriye bir hata mesajı dönülüyor.



- **Create and Update**



Yeni bir havaalanı create etmek istersek

```
{
  "city": "string",
  "airPortCode": "string"
}
```

Post işlemine bu şekilde bodyimizi yollamamız gerekiyor. 2tane fazla method yerine airportId olmadığı için yeni bir airport create ediliyor. Eğer post işlemine

```
{  
  "airportId": 0,  
  "city": "string",  
  "airPortCode": "string"  
}
```

Var olan bir id ile gider isek update işlemi gerçekleştiriliyor.

The screenshot shows a REST client interface with the following sections:

- Request body:** A dropdown menu is set to "application/json". The body contains a JSON object:

```
{  
  "airportId": 49 ,  
  "city": "Sivas",  
  "airPortCode": "Sivas Havaalanı"  
}
```
- Buttons:** "Execute" and "Clear" buttons are visible.
- Responses:**
 - Curl:** A terminal window showing the curl command:

```
curl -X 'POST' \  
  'http://localhost:8081/api/airport' \  
  -H 'accept: */*' \  
  -H 'content-type: application/json' \  
  -d '{  
    "airportId": 49 ,  
    "city": "Sivas",  
    "airPortCode": "Sivas Havaalanı"  
  }'
```
 - Request URL:** `http://localhost:8081/api/airport`
 - Server response:**
 - Code:** 200
 - Details:** Undocumented
 - Response body:** "Airport updated successfully"

Eğer update etmek istediğimiz id ile ilgili bir airport bulunamaz ise geriye hata mesajı dönüyor.

Flight Controller

Cruid işlemleri

- Read

flight-controller

GET /api/flight

Parameters

No parameters

Execute

Responses

Code	Description	Links
200	OK	No links

Media type
/
Controls Accept header.
Example Value | Schema

```
{
  "flightId": 0,
  "departureAirportCode": "string",
  "arrivalAirportCode": "string",
  "departureDateTime": "2024-02-04T16:43:06.684Z",
  "returnDateTime": "2024-02-04T16:43:06.684Z",
  "price": 0
}
```

Response body

```
[
  {
    "flightId": 74,
    "departureAirportCode": "Izmir Havaalanı",
    "arrivalAirportCode": "Sabiha Gökken Havaalanı",
    "departureDateTime": "2024-02-04T19:45:00",
    "returnDateTime": "2024-02-04T21:45:00",
    "price": 500
  },
  {
    "flightId": 75,
    "departureAirportCode": "Izmir Havaalanı",
    "arrivalAirportCode": "Istanbul Havaalanı",
    "departureDateTime": "2024-02-04T19:45:00",
    "returnDateTime": "2024-02-04T21:45:00",
    "price": 500
  },
  {
    "flightId": 76,
    "departureAirportCode": "Istanbul Havaalanı",
    "arrivalAirportCode": "Izmir Havaalanı",
    "departureDateTime": "2024-02-04T17:45:00",
    "returnDateTime": "2024-02-04T19:45:00",
    "price": 500
  }
]
```

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Response headers

```
connection: keep-alive
content-type: application/json
date: Sun,04 Feb 2024 16:43:19 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

- Delete

DELETE /api/flight/{id}

Try it out

Parameters

Name	Description
id * required	
integer(\$int32)	30
(path)	

Responses

Curl

```
curl -X 'DELETE' \
'http://localhost:8081/api/flight/30' \
-H 'accept: */*'
```

Request URL

```
http://localhost:8081/api/flight/30
```

Server response

Code	Details
500	Error: response status is 500

Response body

```
{
  "timestamp": "2024-02-04T16:46:48.088+00:00",
  "status": 500,
  "error": "Internal Server Error",
  "path": "/api/flight/30"
}
```

Response headers

```
connection: close
content-type: application/json
date: Sun, 04 Feb 2024 16:46:48 GMT
transfer-encoding: chunked
```

Responses

DELETE /api/flight/{id}

Cancel

Parameters

Name	Description
id * required	
integer(\$int32)	77
(path)	

Execute

Clear

Responses

Curl

```
curl -X 'DELETE' \
'http://localhost:8081/api/flight/77' \
-H 'accept: */*'
```

Request URL

```
http://localhost:8081/api/flight/77
```

Server response

Code	Details
200	

Response body

```
flight deleted successfully
```

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Airport delete işleminde olduğu gibi kontrol edilip eğer silmek istediğimiz veri yok ise geriye hata mesajı dönüyor.

- Create or Update

```
{
  "departureAirportCode": "Izmir Havaalanı",
  "arrivalAirportCode": "Ankara Havaalanı",
  "departureDateTime": "2024-02-04T16:40",
  "returnDateTime": "2024-02-04T19:40",
  "price": 1250
}
```

ExecuteClear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8081/api/flight' \
  -H 'accept: */*' \
  -H 'content-type: application/json' \
  -d '{
    "departureAirportCode": "Izmir Havaalanı",
    "arrivalAirportCode": "Ankara Havaalanı",
    "departureDateTime": "2024-02-04T16:40",
    "returnDateTime": "2024-02-04T19:40",
    "price": 1250
  }'
```

Request URL

```
http://localhost:8081/api/flight
```

Server response

Code	Details
201	<div>Response body</div> <div>Create successfully</div>

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Yeni bir uçuş eklemek istersek bodymiz yukarıdaki gibi olması gerekiyor. Eğer update yapmak değiştirmek istediğimiz bir yer var ise bodye flightId ekleyip gerekli değişiklikleri yapabiliriz.

Request body required

application/json

```
{
  "flightId": 77,
  "departureAirportCode": "Izmir Havaalanı",
  "arrivalAirportCode": "Ankara Havaalanı",
  "departureDateTime": "2024-02-04T16:40",
  "returnDateTime": "2024-02-04T20:40",
  "price": 1250
}
```

ExecuteClear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8081/api/flight' \
  -H 'accept: */*' \
  -H 'content-type: application/json' \
  -d '{
    "flightId": 77,
    "departureAirportCode": "Izmir Havaalanı",
    "arrivalAirportCode": "Ankara Havaalanı",
    "departureDateTime": "2024-02-04T16:40",
    "returnDateTime": "2024-02-04T20:40",
    "price": 1250
  }'
```

Request URL

```
http://localhost:8081/api/flight
```

Server response

Code	Details
200	<div>Response body</div> <div>Update successfully</div>

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Search Controller

search-controller

GET /api/search/flights

Try it out

Name	Description
departure * required string (query)	<input type="text" value="departure"/>
arrival * required string (query)	<input type="text" value="arrival"/>
departureDate * required string(\$date-time) (query)	<input type="text" value="departureDate"/>
returnDate string(\$date-time) (query)	<input type="text" value="returnDate"/>

Responses

Code	Description	Links
200	OK	No links

Media type

/

Controls Accept header.

Example Value | Schema

```
{}
```

Hangi ilden hangi ile gitmek istediğimizi yazıyoruz. Arka planda o şehirlerdeki havaalanlarından gideceğimiz şehirdeki havaalanlarındaki bütün uçuşları listeliyor.

departure * required
string
(query)

Izmir

arrival * required
string
(query)

Istanbul

departureDate * required
string(date-time)
(query)

2024-02-04T19:45

returnDate
string(date-time)
(query)

returnDate

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'http://localhost:8081/api/search/flights?departure=Izmir&arrival=Istanbul&departureDate=2024-02-04T19:45' \
-H 'accept: */*'
```

Request URL

```
http://localhost:8081/api/search/flights?departure=Izmir&arrival=Istanbul&departureDate=2024-02-04T19:45
```

Server response

CodeDetails

200

Response body

```
{
  "One Way Flights": [
    {
      "departureAirportCode": "Izmir Havaalanı",
      "arrivalAirportCode": "Sabiha Gökçen Havaalanı",
      "departureDateTime": "2024-02-04T19:45:00",
      "price": 500
    },
    {
      "departureAirportCode": "Izmir Havaalanı",
      "arrivalAirportCode": "Istanbul Havaalanı",
      "departureDateTime": "2024-02-04T19:45:00",
      "price": 500
    },
    {
      "departureAirportCode": "Istanbul Havaalanı",
      "arrivalAirportCode": "Izmir Havaalanı",
      "departureDateTime": "2024-02-04T17:45:00",
      "price": 500
    }
  ]
}
```

departure * required
string
(query)

Izmir

arrival * required
string
(query)

Istanbul

departureDate * required
string(\$date-time)
(query)

2024-02-04T19:45

returnDate
string(\$date-time)
(query)

2024-02-04T21:45

ExecuteClear

Responses

Curl

curl -X 'GET' \n'http://localhost:8081/api/search/flights?departure=Izmir&arrival=Istanbul&departureDate=2024-02-04T19:34:58&returnDate=2024-02-04T21:34:45' \n-H 'accept: */*'

Request URL

http://localhost:8081/api/search/flights?departure=Izmir&arrival=Istanbul&departureDate=2024-02-04T19:34:58&returnDate=2024-02-04T21:34:45

Server response

Code

Details

200

Response body

```
{
  "Departure Flights": [
    {
      "departureAirportCode": "Izmir Havaalanı",
      "arrivalAirportCode": "Sabiha Gökçen Havaalanı",
      "departureDateTime": "2024-02-04T19:45:00",
      "price": 500
    },
    {
      "departureAirportCode": "Izmir Havaalanı",
      "arrivalAirportCode": "Istanbul Havaalanı",
      "departureDateTime": "2024-02-04T19:45:00",
      "price": 500
    },
    {
      "departureAirportCode": "Istanbul Havaalanı",
      "arrivalAirportCode": "Izmir Havaalanı",
      "departureDateTime": "2024-02-04T17:45:00",
      "price": 500
    }
  ],
  "Return Flights": [
    {
      "departureAirportCode": "Izmir Havaalanı",
      "arrivalAirportCode": "Sabiha Gökçen Havaalanı",
      "departureDateTime": "2024-02-04T19:45:00",
      "price": 500
    }
  ]
}
```

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Eğer hatalı bir şehir yazılmışsa geriye hata dönüyoruz.

departure * required
string
(query)

Izmir

arrival * required
string
(query)

Sivas

departureDate * required
string(\$date-time)
(query)

2024-02-04T19:45

returnDate
string(\$date-time)
(query)

returnDate

ExecuteClear

Responses

Curl

curl -X 'GET' \n'http://localhost:8081/api/search/flights?departure=Izmir&arrival=Sivas&departureDate=2024-02-04T19:34:45' \n-H 'accept: */*'

Request URL

http://localhost:8081/api/search/flights?departure=Izmir&arrival=Sivas&departureDate=2024-02-04T19:34:45

Server response

Code

Details

500

Undocumented

Error: response status is 500

Response body

```
{
  "error": "No airports found for the specified departure and arrival cities."
}
```

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