Finartz Doküman

Github adres : https://github.com/BaranAydemir/finartz

Proje içerisinde swagger-ui ekledim. Oradan basitçe request response nesnelerine ve metotlara ulaşabilirsiniz. Kodu ayağa kaldırdığınızda <http://localhost:8098/swagger-ui.html> şeklinde çağırmanız yeterli olacaktır.

a) Ekleme işlemleri için aşağıdaki metotlar kullanılıyor.

1. Havaalanı ekleme işlemi “/create-airpot” metodu ile sağlanıyor.

|  |  |
| --- | --- |
| Request | Response |
| {  "Code": "IST",  "Name": "İstanbul"  } | {  "data": {  "Name": "İstanbul",  "Code": "IST"  },  "message": "success",  "code": "100"  } |

1. Havayolu şirketi ekleme işlemi “/create-airline-company” metodu ile sağlanıyor.

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| --- | --- |
| Request | Response |
| {  "Code": "PGS",  "Name": "Pegasus"  } | {  "data": {  "Code": "PGS",  "Name": "Pegasus"  },  "message": "success",  "code": "100"  } |

1. Rota ekleme işlemi “/create-route” metodu ile sağlanıyor.

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| --- | --- |
| Request | Response |
| {  "AirlineCompany": {  "Code": "PGS"  },  "Destination": {  "Code": "IST"  },  "PlaceOfDeparture": {  "Code": "İZM"  }  } | {  "data": {  "PlaceOfDeparture": {  "Name": "İzmir",  "Code": "İZM"  },  "Destination": {  "Name": "İstanbul",  "Code": "IST"  },  "AirlineCompany": {  "Code": "PGS",  "Name": "Pegasus"  },  "Code": "PGS-İZM-IST"  },  "message": "success",  "code": "100"  } |

1. Uçuş ekleme işlemi “/create-flight” metodu ile sağlanıyor.

|  |  |
| --- | --- |
| Request | Response |
| {  "Arrivaltime": "20/10/2021 20:18:14",  "DepartureTime": "20/10/2021 21:18:14",  "Quota": 30,  "Route": {  "Code": "PGS-İZM-IST"  },  "TicketPrice":100  } | {  "data": {  "ticketCount": 30,  "DepartureTime": "20/10/2021 21:18:14",  "Arrivaltime": "20/10/2021 20:18:14",  "Route": {  "PlaceOfDeparture": {  "Name": "İzmir",  "Code": "İZM"  },  "Destination": {  "Name": "İstanbul",  "Code": "IST"  },  "AirlineCompany": {  "Code": "PGS",  "Name": "Pegasus"  },  "Code": "PGS-İZM-IST"  },  "Quota": 30,  "TicketPrice": 100,  "Code": "PGS-İZM-IST-6046251"  },  "message": "success",  "code": "100"  } |

1. Bilet satın alma “/buy-ticket” metodu ile sağlanıyor.

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| --- | --- |
| Request | Response |
| {  "Card": {  "CardNumber": "5549-4568-3756-8965",  "NameAndSurnameOntheCard": "Baran Aydemir",  "cvcCode": "056",  "validDate": "09/21"  },  "Name": "Baran",  "Surname": "Aydemir",  "TC": 26483360158,  "flight": {  "Code": " PGS-İZM-IST-6046251"  }  } | {  "data": {  "id": 11,  "flight": {  "ticketCount": 29,  "DepartureTime": "20/10/2021 21:18:14",  "Arrivaltime": "20/10/2021 20:18:14",  "Route": {  "PlaceOfDeparture": {  "Name": "İzmir",  "Code": "İZM"  },  "Destination": {  "Name": "İstanbul",  "Code": "IST"  },  "AirlineCompany": {  "Code": "PGS",  "Name": "Pegasus"  },  "Code": "PGS-İZM-IST"  },  "Quota": 30,  "TicketPrice": 100,  "Code": "PGS-İZM-IST-6046251"  },  "Name": "Baran",  "Surname": "Aydemir",  "TC": "26483360158",  "Card": {  "NameAndSurnameOntheCard": "Baran Aydemir",  "CardNumber": "554945\*\*\*\*\*\*8965",  "validDate": "09/21",  "cvcCode": "056"  },  "TicketNumber": "PGS-İZM-IST-6046251-26483",  "TicketStatus": true  },  "message": "success",  "code": "100"  } |

b) Arama işlemleri için aşğaıdaki metodlar kullanılacaktır.

1) Havalanı arama:

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| --- | --- |
| Request | Response |
| http://localhost:8098/rest/search-airport?code=IST | {  "data": {  "Name": "İstanbul",  "Code": "IST"  },  "message": "success",  "code": "100"  } |

2) Havayolu şirketi arama:

|  |  |
| --- | --- |
| Request | Response |
| http://localhost:8098/rest/search-airline-company?code=PGS | {  "data": {  "Code": "PGS",  "Name": "Pegasus"  },  "message": "success",  "code": "100"  } |

3) Rota arama:

|  |  |
| --- | --- |
| Request | Response |
| http://localhost:8098/rest/search-route?code=PGS-İZM-IST | {  "data": {  "PlaceOfDeparture": {  "Name": "İzmir",  "Code": "İZM"  },  "Destination": {  "Name": "İstanbul",  "Code": "IST"  },  "AirlineCompany": {  "Code": "PGS",  "Name": "Pegasus"  },  "Code": "PGS-İZM-IST"  },  "message": "success",  "code": "100"  } |

4) Uçuş arama:

|  |  |
| --- | --- |
| Request | Response |
| http://localhost:8098/rest/update-quota?code= PGS-İZM-IST-6046251 | {  "data": {  "ticketCount": 50,  "DepartureTime": "20/10/2021 21:18:14",  "Arrivaltime": "20/10/2021 20:18:14",  "Route": {  "PlaceOfDeparture": {  "Name": "İzmir",  "Code": "İZM"  },  "Destination": {  "Name": "İstanbul",  "Code": "IST"  },  "AirlineCompany": {  "Code": "PGS",  "Name": "Pegasus"  },  "Code": "PGS-İZM-IST"  },  "Quota": 50,  "TicketPrice": 110,  "Code": "PGS-İZM-IST-6046251"  },  "message": "success",  "code": "100"  } |

1. Bilet arama:

|  |  |
| --- | --- |
| Request | Response |
| http://localhost:8098/rest/search-ticket?ticketNumber=PGS-İZM-IST-6046251-26483 | {  "data": {  "id": 11,  "flight": {  "ticketCount": 29,  "DepartureTime": "20/10/2021 21:18:14",  "Arrivaltime": "20/10/2021 20:18:14",  "Route": {  "PlaceOfDeparture": {  "Name": "İzmir",  "Code": "İZM"  },  "Destination": {  "Name": "İstanbul",  "Code": "IST"  },  "AirlineCompany": {  "Code": "PGS",  "Name": "Pegasus"  },  "Code": "PGS-İZM-IST"  },  "Quota": 30,  "TicketPrice": 100,  "Code": "PGS-İZM-IST-6046251"  },  "Name": "Baran",  "Surname": "Aydemir",  "TC": "26483360158",  "Card": {  "NameAndSurnameOntheCard": "Baran Aydemir",  "CardNumber": "554945\*\*\*\*\*\*8965",  "validDate": "09/21",  "cvcCode": "056"  },  "TicketNumber": "PGS-İZM-IST-6046251-26483",  "TicketStatus": true  },  "message": "success",  "code": "100"  } |

Cancel ticket için:

|  |  |
| --- | --- |
| Request | Response |
| http://localhost:8098/rest/cancel-ticket?ticketNumber= PGS-İZM-IST-6046251-26483 | {  "data": {  "id": 11,  "flight": {  "ticketCount": 30,  "DepartureTime": "20/10/2021 21:18:14",  "Arrivaltime": "20/10/2021 20:18:14",  "Route": {  "PlaceOfDeparture": {  "Name": "İzmir",  "Code": "İZM"  },  "Destination": {  "Name": "İstanbul",  "Code": "IST"  },  "AirlineCompany": {  "Code": "PGS",  "Name": "Pegasus"  },  "Code": "PGS-İZM-IST"  },  "Quota": 30,  "TicketPrice": 100,  "Code": "PGS-İZM-IST-6046251"  },  "Name": "Baran",  "Surname": "Aydemir",  "TC": "26483360158",  "Card": {  "NameAndSurnameOntheCard": "Baran Aydemir",  "CardNumber": "554945\*\*\*\*\*\*8965",  "validDate": "09/21",  "cvcCode": "056"  },  "TicketNumber": "PGS-İZM-IST-6046251-26483",  "TicketStatus": false  },  "message": "success",  "code": "100"  } |

Update Quota için:

|  |  |
| --- | --- |
| Request | Response |
| http://localhost:8098/rest/cancel-ticket?ticketNumber= PGS-İZM-IST-6046251-26483 | {  "data": {  "id": 11,  "flight": {  "ticketCount": 30,  "DepartureTime": "20/10/2021 21:18:14",  "Arrivaltime": "20/10/2021 20:18:14",  "Route": {  "PlaceOfDeparture": {  "Name": "İzmir",  "Code": "İZM"  },  "Destination": {  "Name": "İstanbul",  "Code": "IST"  },  "AirlineCompany": {  "Code": "PGS",  "Name": "Pegasus"  },  "Code": "PGS-İZM-IST"  },  "Quota": 30,  "TicketPrice": 100,  "Code": "PGS-İZM-IST-6046251"  },  "Name": "Baran",  "Surname": "Aydemir",  "TC": "26483360158",  "Card": {  "NameAndSurnameOntheCard": "Baran Aydemir",  "CardNumber": "554945\*\*\*\*\*\*8965",  "validDate": "09/21",  "cvcCode": "056"  },  "TicketNumber": "PGS-İZM-IST-6046251-26483",  "TicketStatus": false  },  "message": "success",  "code": "100"  } |