Group Member Info:

Member 1:

Name: Sashank Malladi

Sjsu id: 010466651

Email: sashank.malladi@sjsu.edu

Member 2:

Name: prudhviraj mulagapati

Sjsu id: 010752495

Email: prudhviraj.mulagapati@sjsu.edu

Cloud service Choice : Amazon

Hostname: ec2-52-26-65-149.us-west-2.compute.amazonaws.com

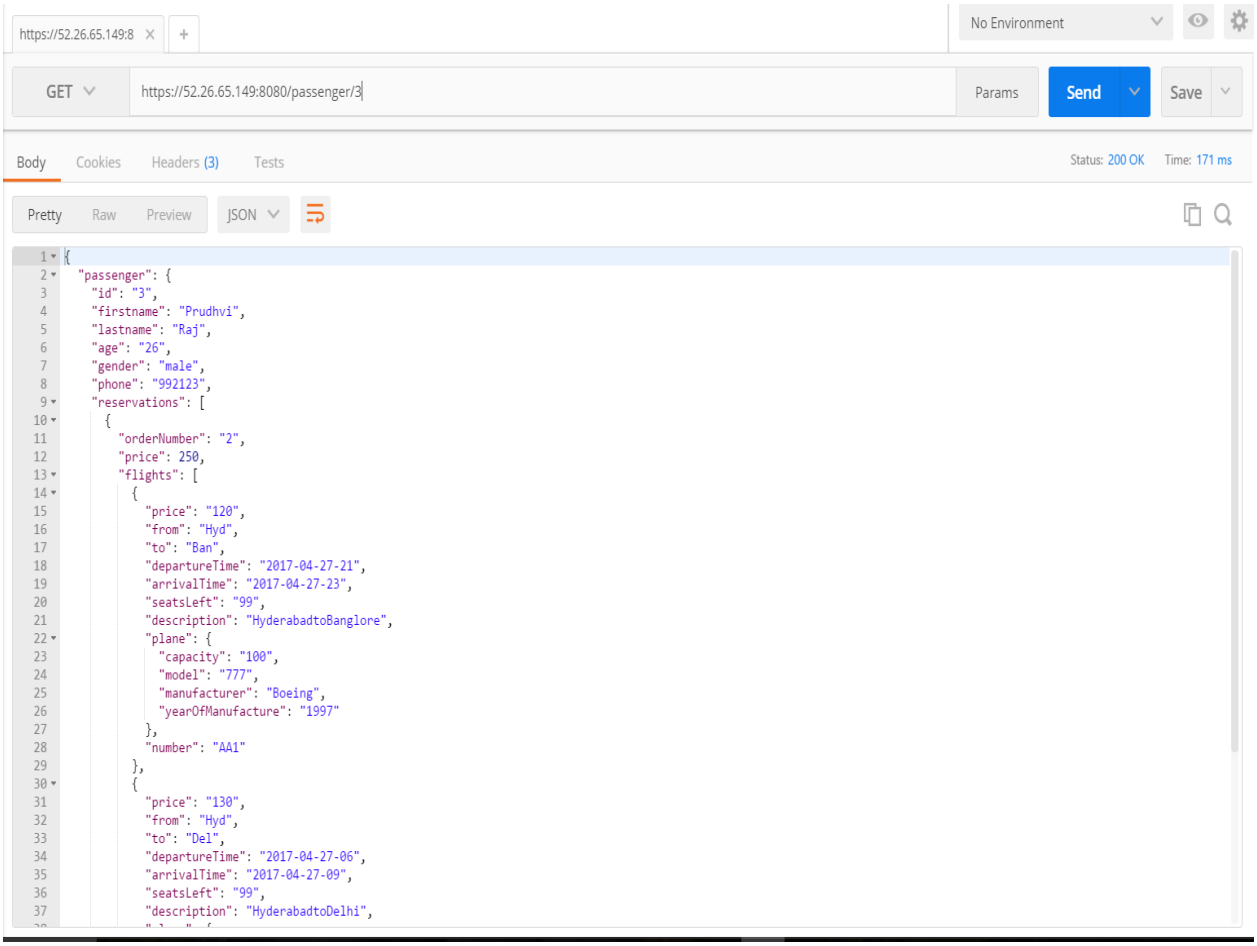
IP Address: 52.26.65.149

Screen Shots of the implementation

Passenger Services

Fetch passenger using the passenger id. Example for URL is below

https://52.26.65.149:8080/passenger/3

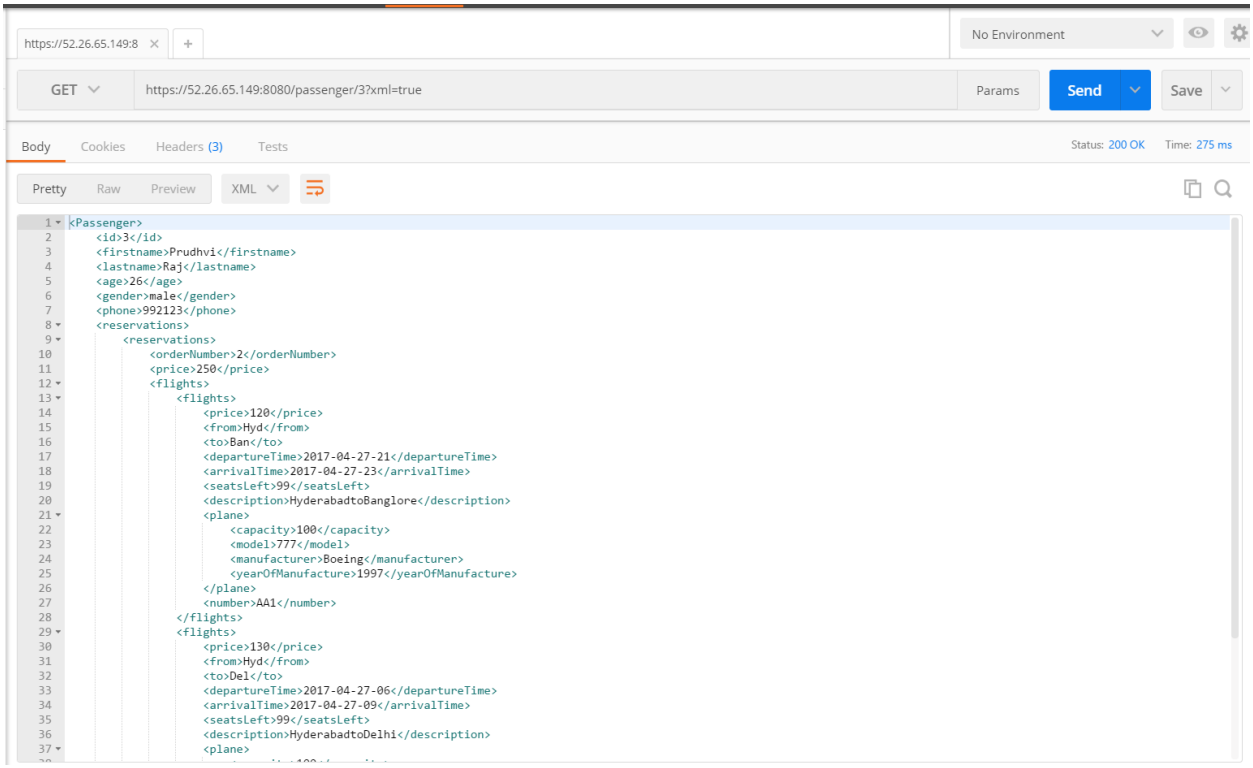


Fetch using passenger id. Example for URL is below

https://52.26.65.149:8080/passenger/7

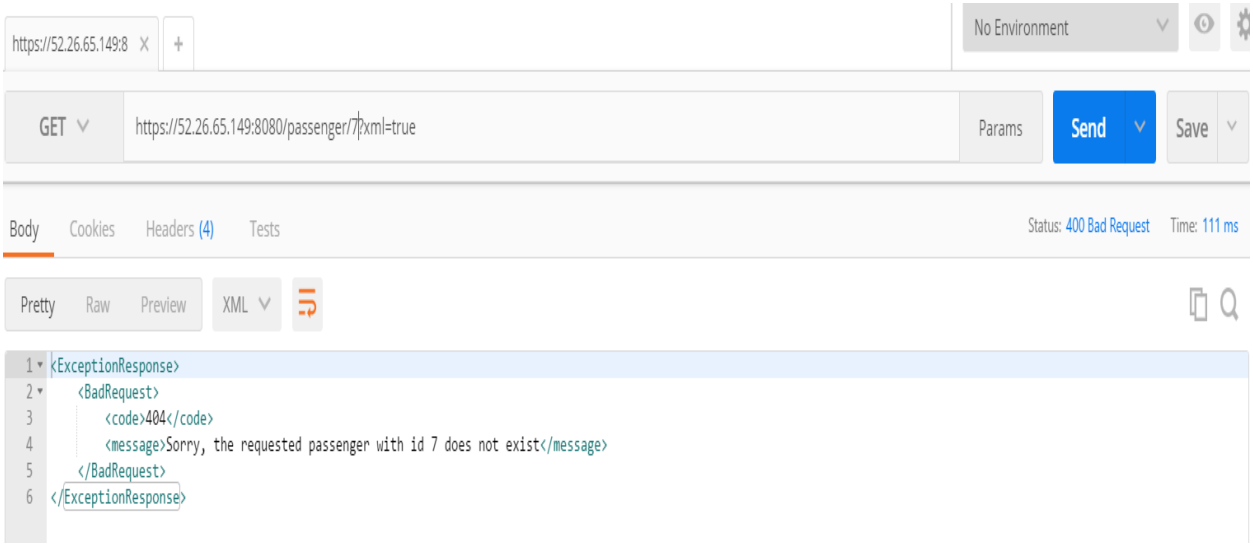
Fetch passenger for xml . Example for URL is below

https://52.26.65.149:8080/passenger/3?xml=true



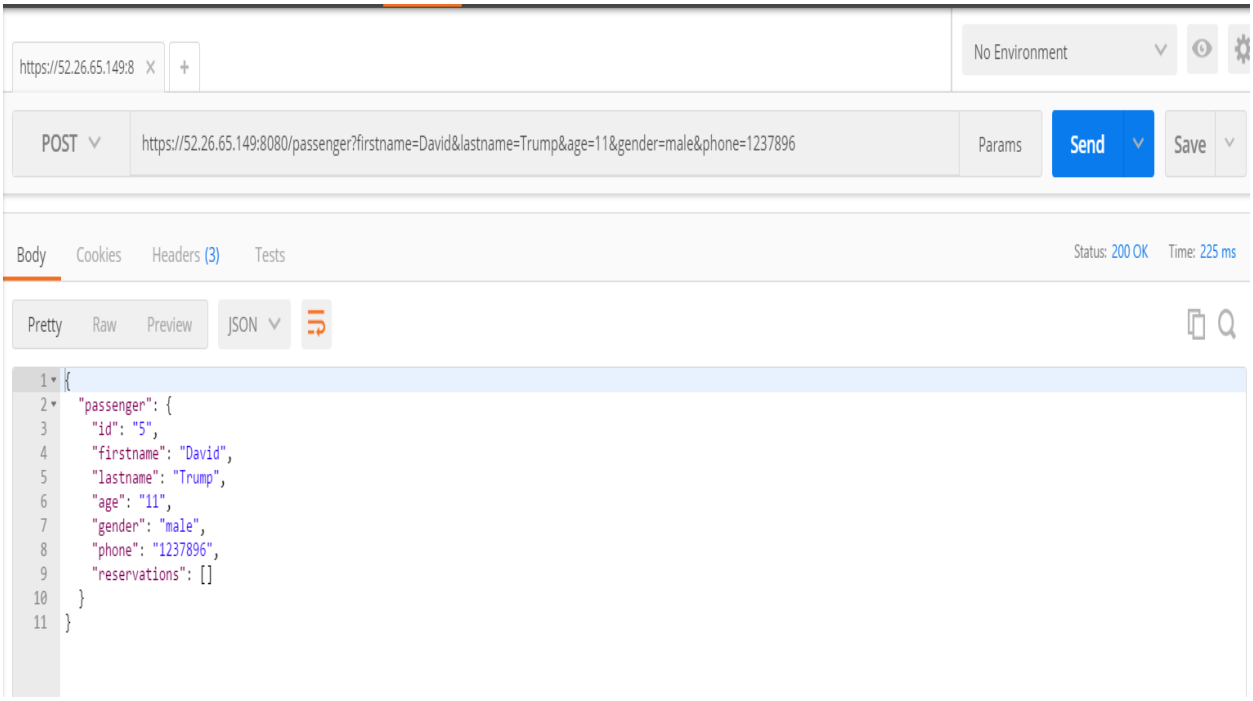
Fetch passenger for xml with bad request. Example for URL is below

https://52.26.65.149:8080/passenger/7?xml=true



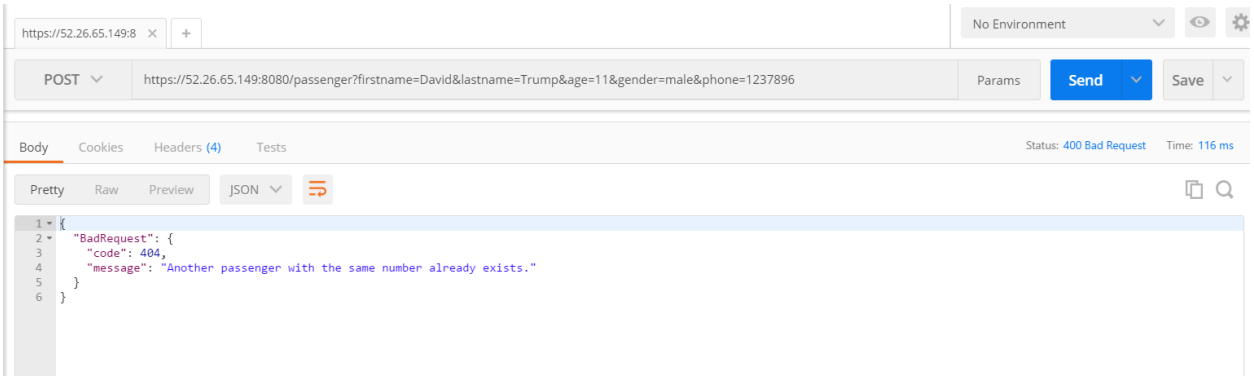
Create passenger. Example for URL is below

http://52.26.65.149:8080/passenger?firstname=David&lastname=Trump&age=11&gender=male&phone=1237896



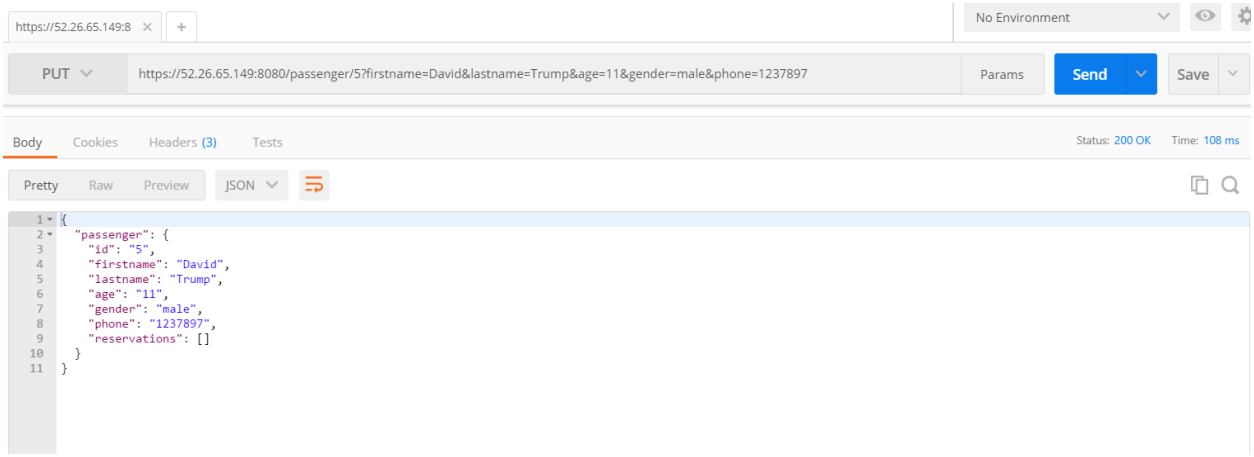
Create passenger for invalid request (Repeated Phone Number). Example for URL is below

https://52.26.65.149:8080/passenger?firstname=David&lastname=Trump&age=11&gender=male&phone=1237896



Update passenger. Example for URL is below

https://52.26.65.149:8080/passenger/5?firstname=David&lastname=Trump&age=11&gender=male&phone=1237897

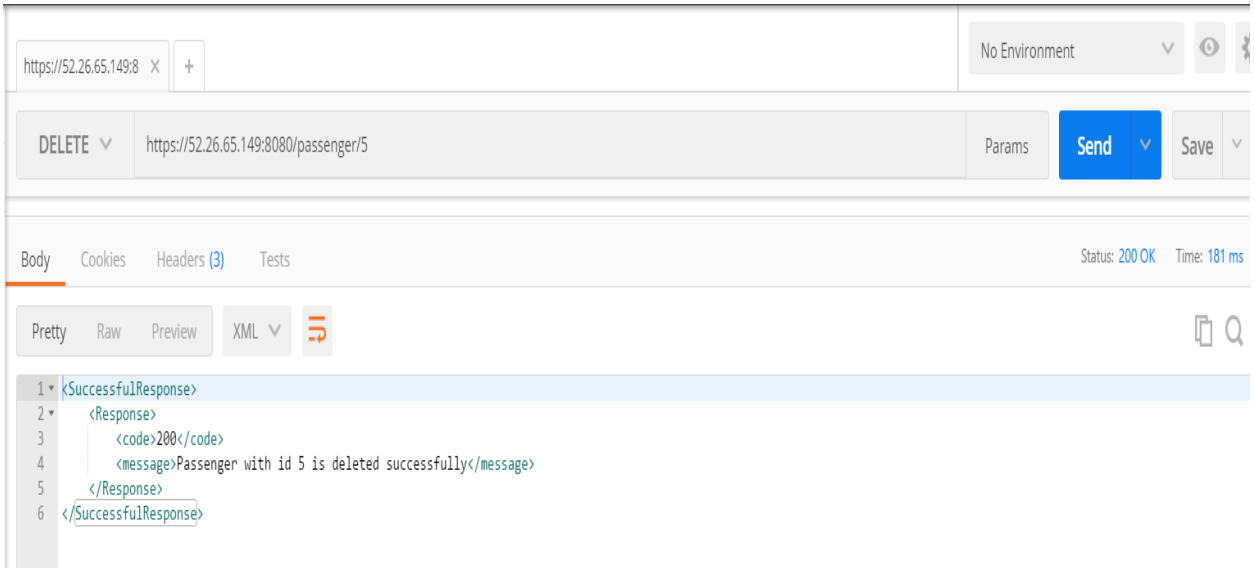


Update passenger invalid request (Repeated phone number). Example for URL is below

https://52.26.65.149:8080/passenger/5?firstname=David&lastname=Trump&age=11&gender=male&phone=12345678

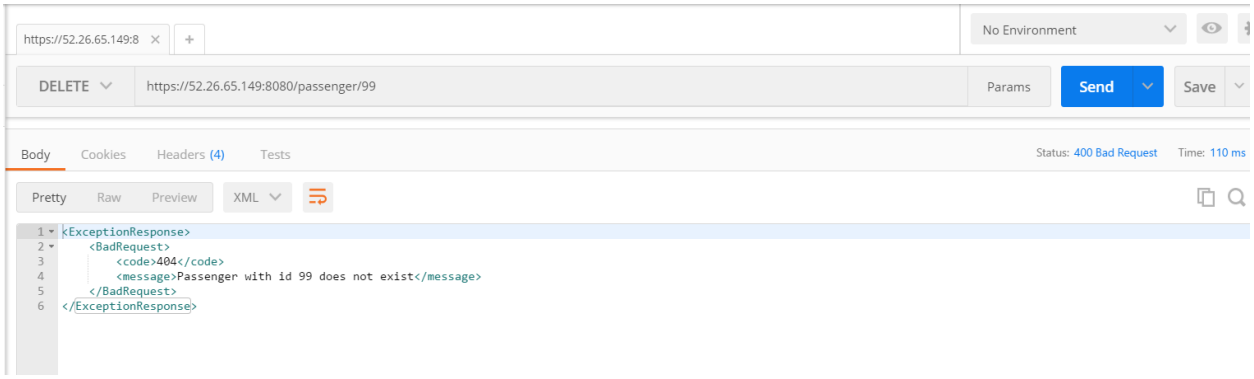
Delete Passenger. Example for URL is below

https://52.26.65.149:8080/passenger/5



Delete passenger (invalid passenger id). Example for URL is below

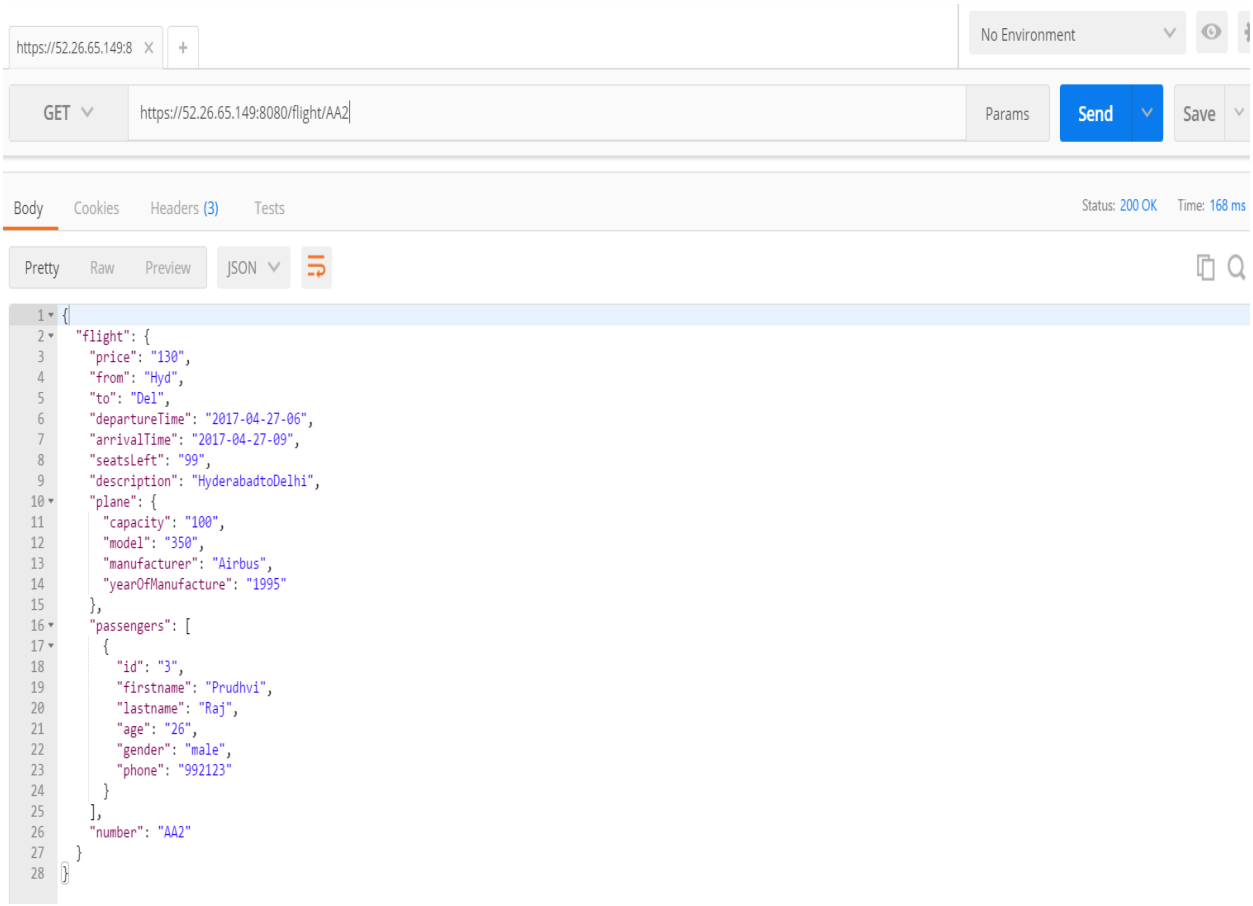
https://52.26.65.149:8080/passenger/99



Flight Services

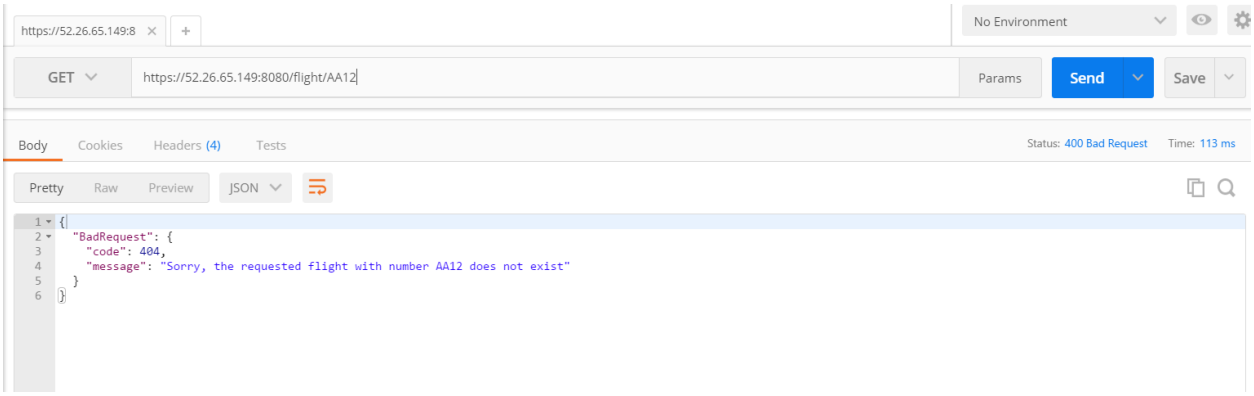
Fetch flight using flight number. Example for URL is below

https://52.26.65.149:8080/flight/AA2



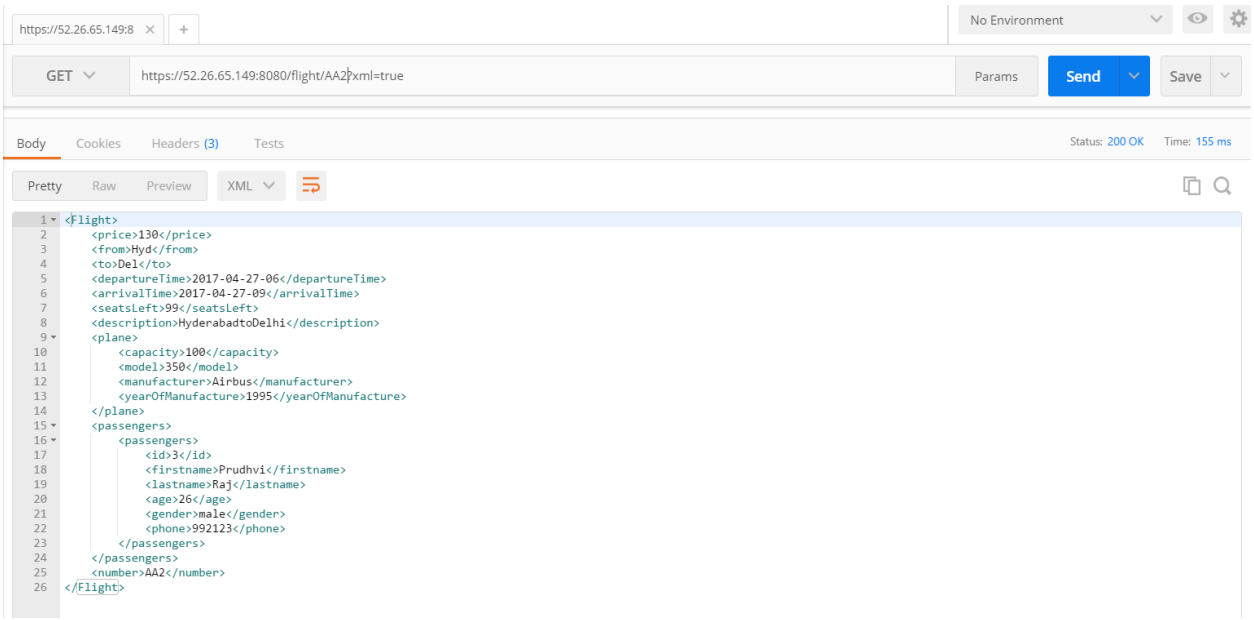
Fetch flight using invalid or nonexistent flight number. Example for URL is below

https://52.26.65.149:8080/flight/AA12



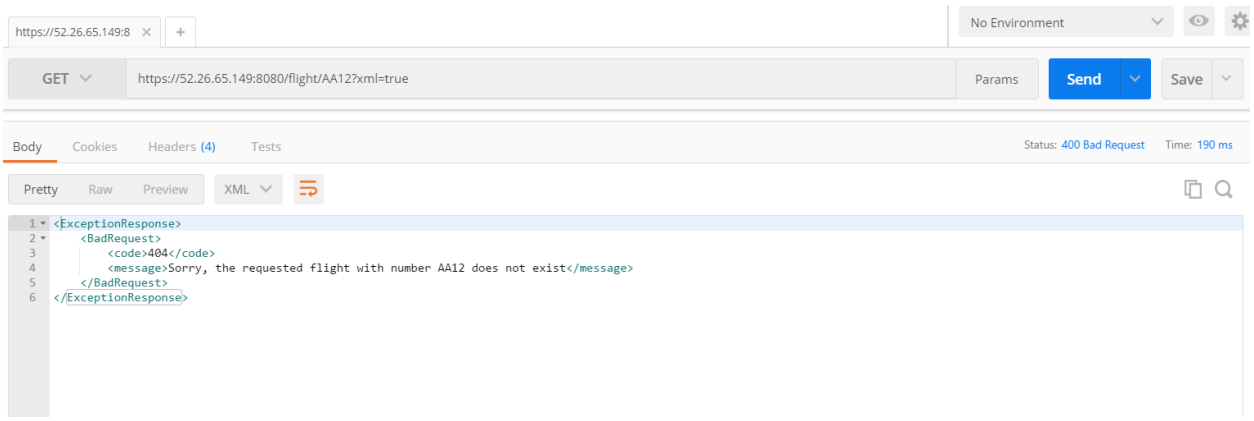
Fetch flight for xml. Example for URL is below

https://52.26.65.149:8080/flight/AA2?xml=true



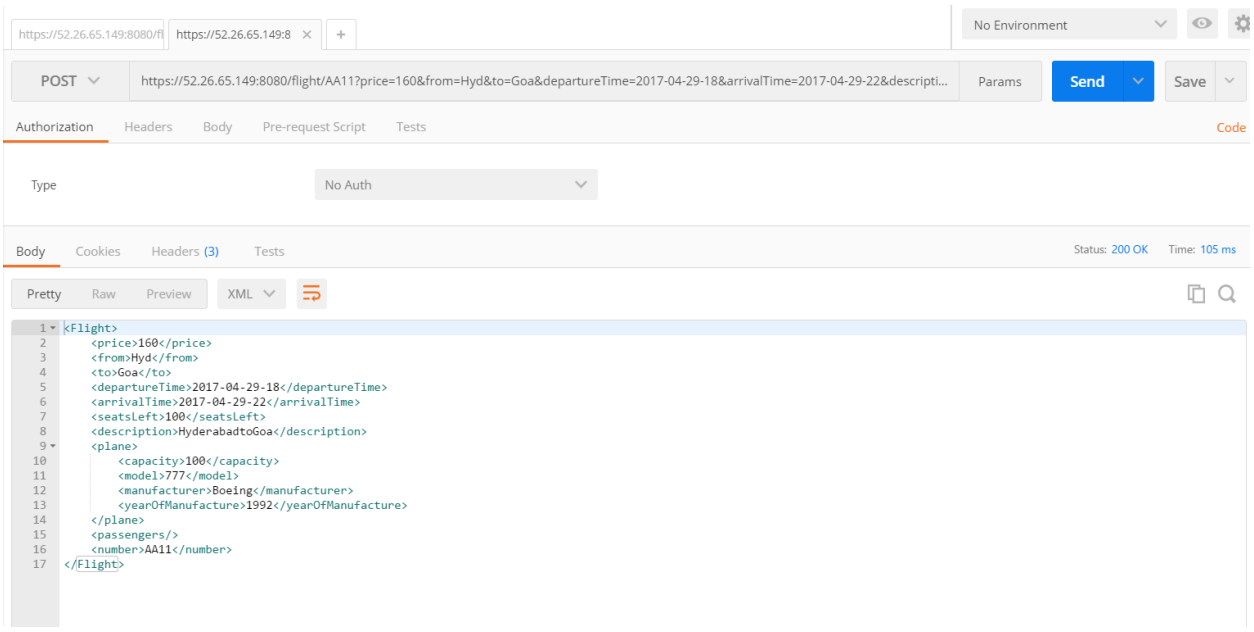
Fetch flight for xml invalid flight number. Example for URL is below

https://52.26.65.149:8080/flight/AA12?xml=true



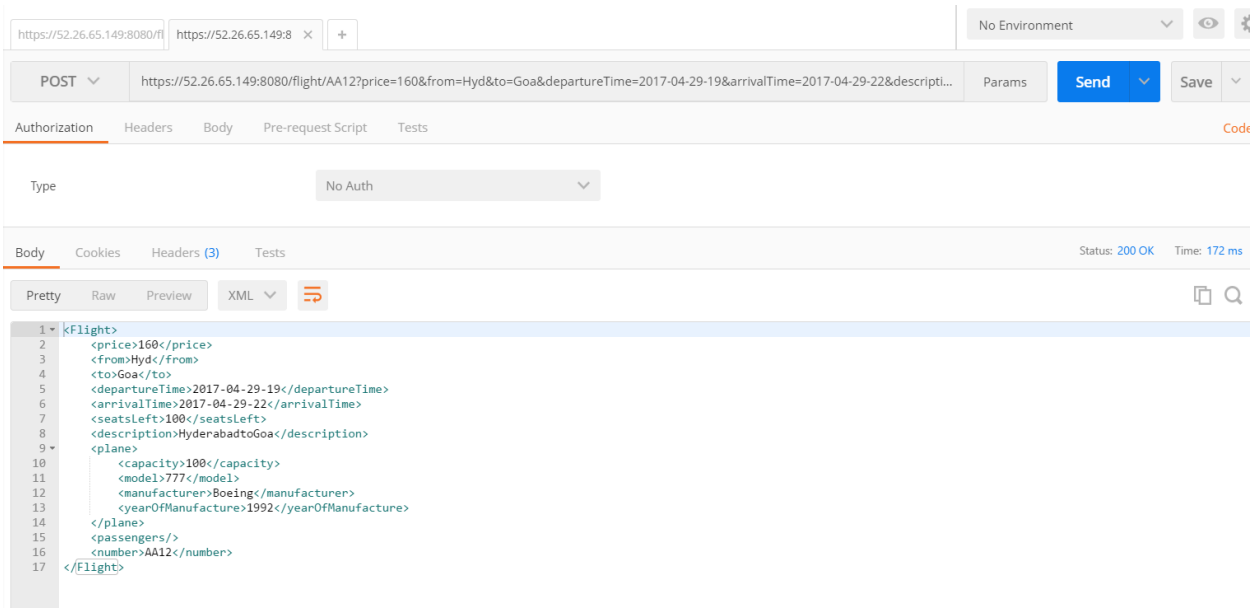
Create flight. Example for URL is below

https://52.26.65.149:8080/flight/AA11?price=160&from=Hyd&to=Goa&departureTime=2017-04-29-18&arrivalTime=2017-04-29-22&description=HyderabadtoGoa&capacity=100&model=777&manufacturer=Boeing&yearOfManufacture=1992



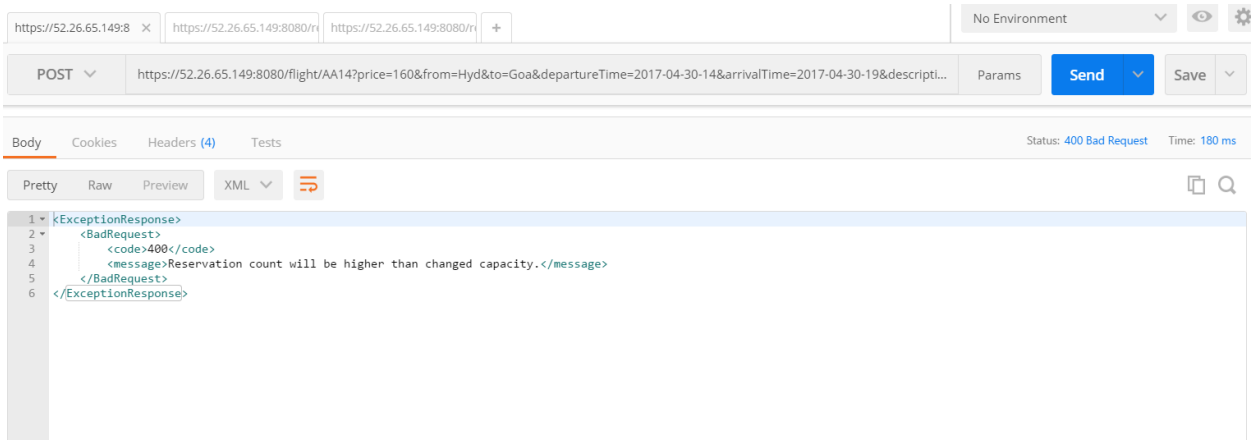
Update flight using flight number. Example for URL is below

https://52.26.65.149:8080/flight/AA12?price=160&from=Hyd&to=Goa&departureTime=2017-04-29-18&arrivalTime=2017-04-29-22&description=HyderabadtoGoa&capacity=100&model=777&manufacturer=Boeing&yearOfManufacture=1992



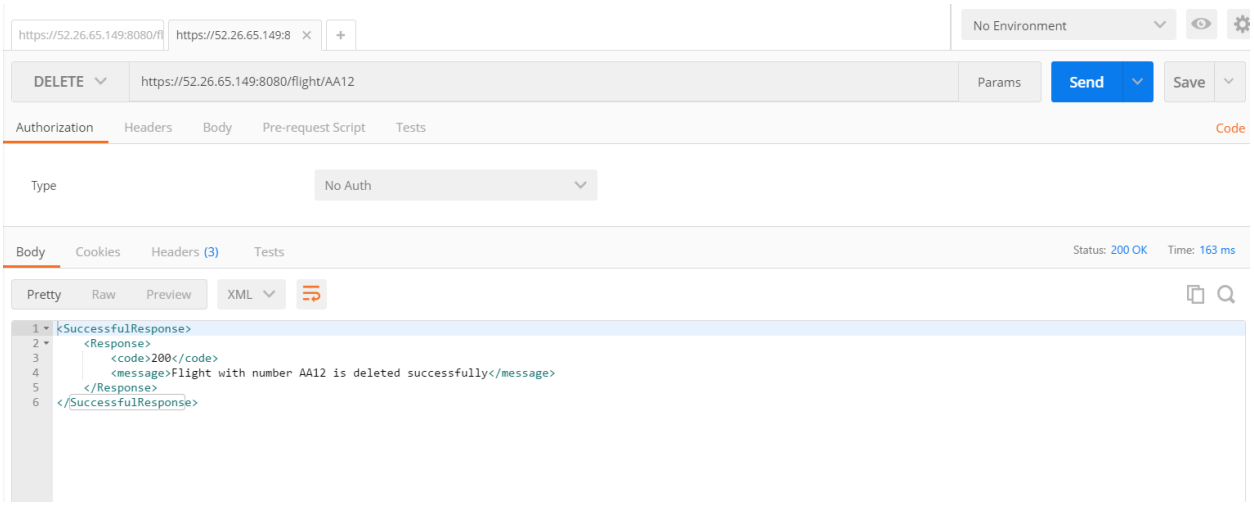
Update flight with invalid data(capacity less than reservation count). Example for URL is below

https://52.26.65.149:8080/flight/AA14?price=160&from=Hyd&to=Goa&departureTime=2017-04-30-14&arrivalTime=2017-04-30-19&description=HyderabadtoGoa&capacity=3&model=777&manufacturer=Boeing&yearOfManufacture=1992



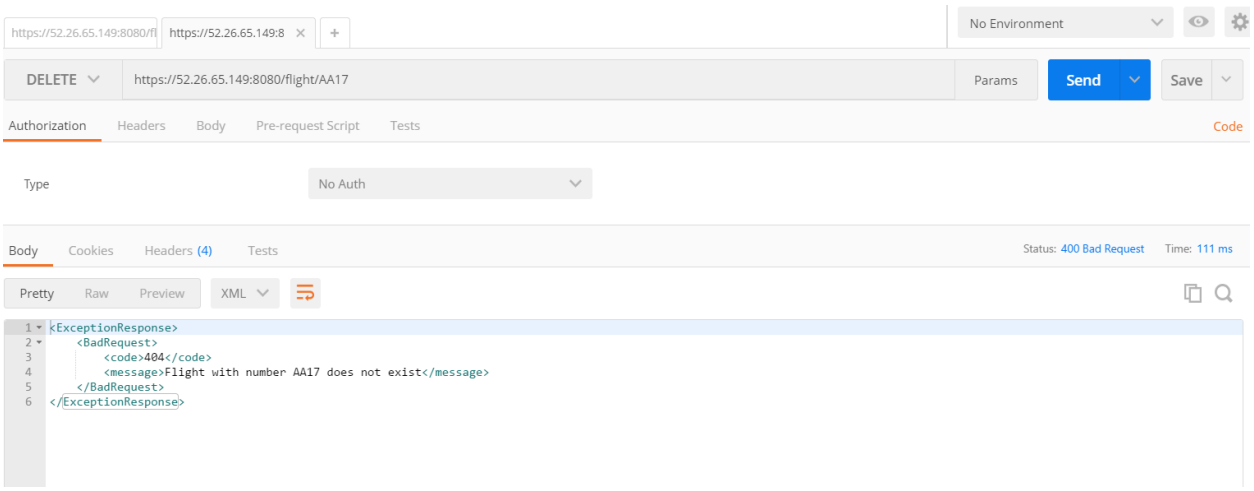
Delete flight using flight number. Example for URL is below

https://52.26.65.149:8080/flight/AA12



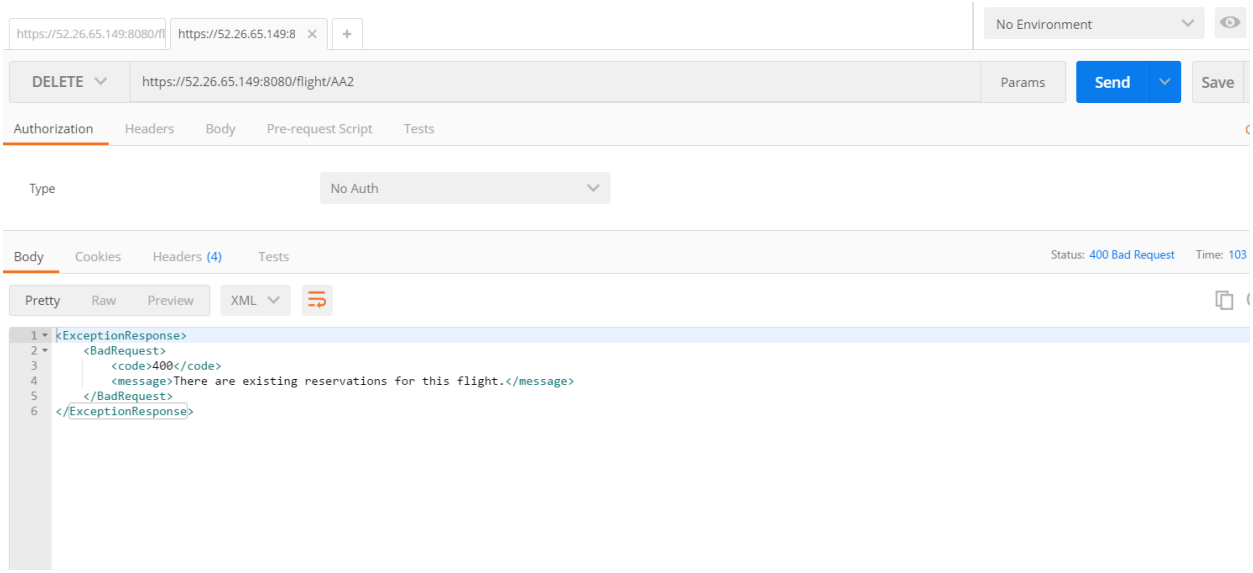
Delete flight using invalid or nonexistent flight number. Example for URL is below

https://52.26.65.149:8080/flight/AA17



Delete flight for existing reservations. Example for URL is below

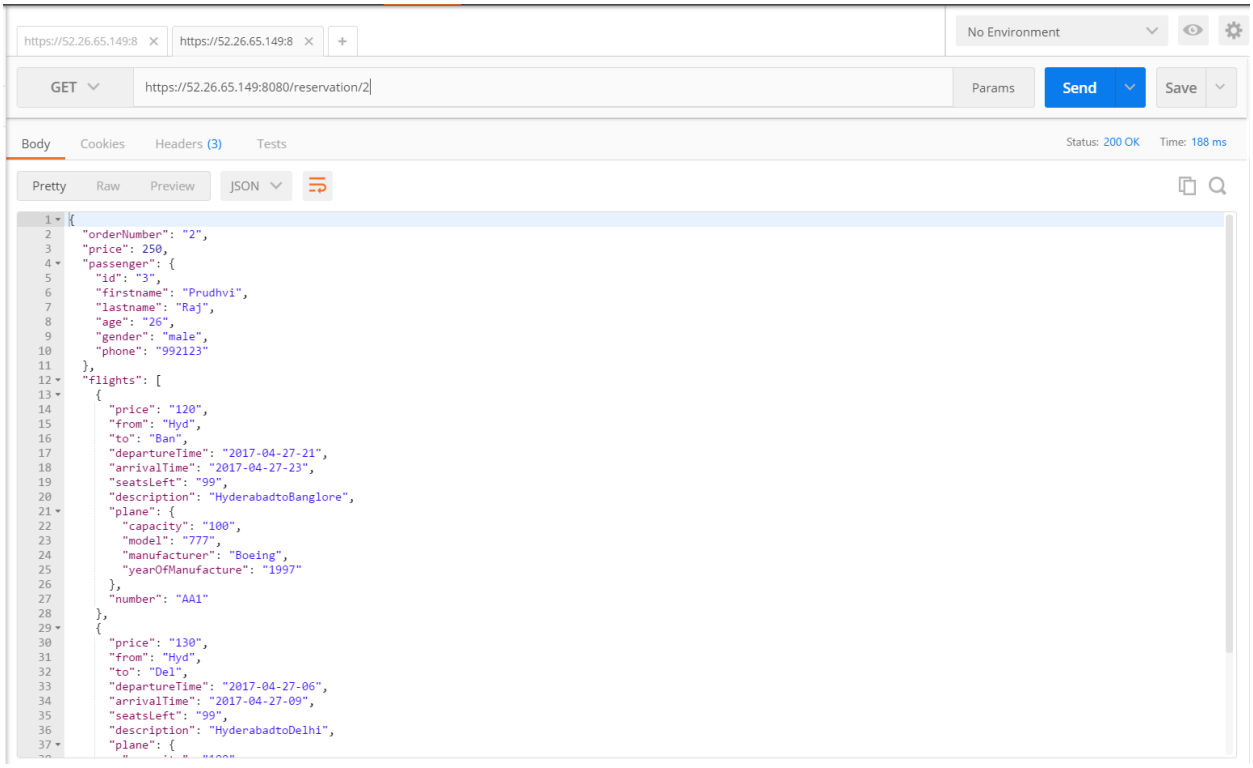
https://52.26.65.149:8080/flight/AA2



Reservation Services

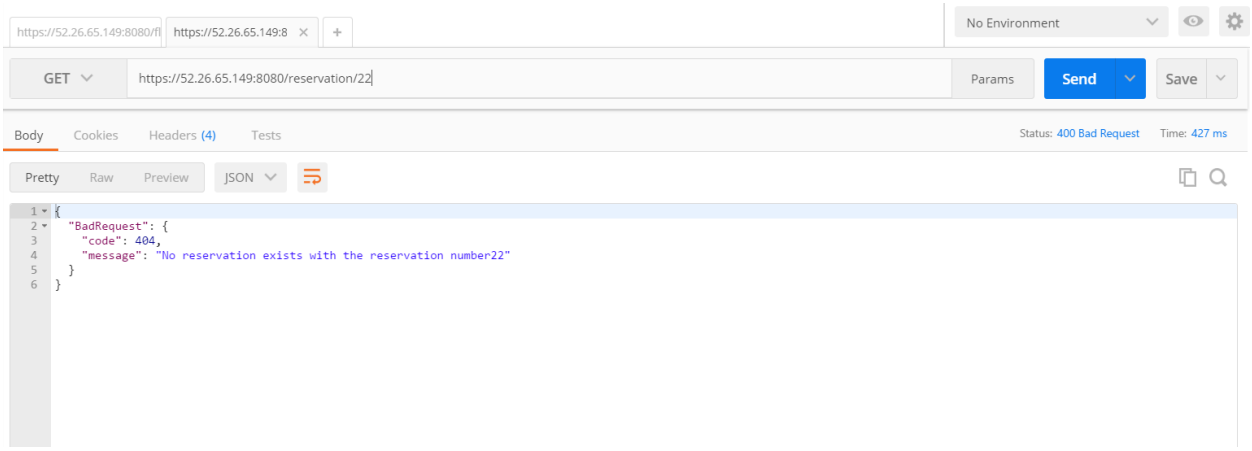
Fetch reservation using reservation id. Example for URL is below

https://52.26.65.149:8080/reservation/2



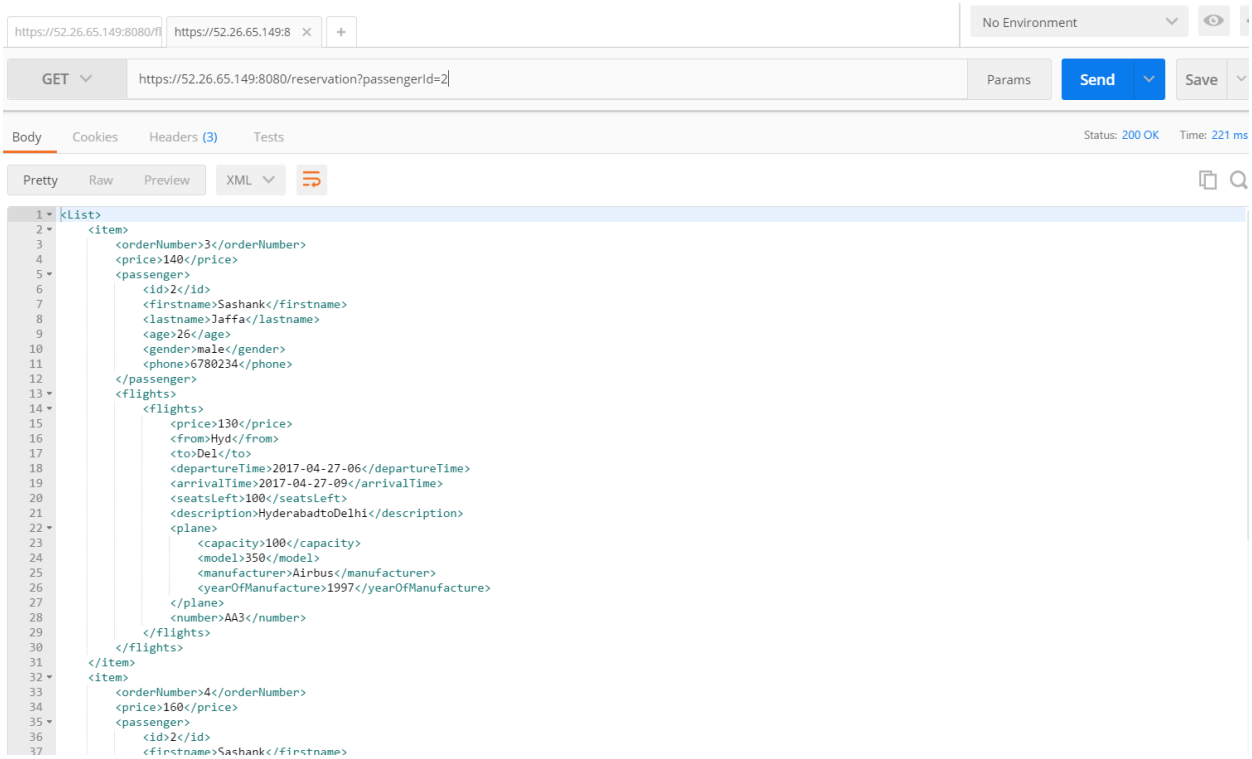
Fetch reservation using order number (non-existent order number). Example for URL is below

https://52.26.65.149:8080/reservation/22



Search reservation using passenger id. Example for URL is below

https://52.26.65.149:8080/reservation?passengerId=2



Search reservation using from and to. Example for URL is below

https://52.26.65.149:8080/reservation?from=Hyd&to=Ban

Body Cookies Headers (3) Tests Status: 200 OK Time:

Pretty Raw Preview XML


```xml
<List>
    <item>
        <orderNumber>6</orderNumber>
        <price>240</price>
        <passenger>
            <id>6</id>
            <firstname>David</firstname>
            <lastname>Trump</lastname>
            <age>11</age>
            <gender>male</gender>
            <phone>1234567</phone>
        </passenger>
        <flights>
            <flights>
                <price>120</price>
                <from>Hyd</from>
                <to>Ban</to>
                <departureTime>2017-04-28-13</departureTime>
                <arrivalTime>2017-04-28-15</arrivalTime>
                <seatsLeft>99</seatsLeft>
                <description>HyderabadtoBanglore</description>
                <plane>
                    <capacity>100</capacity>
                    <model>777</model>
                    <manufacturer>Boeing</manufacturer>
                    <yearOfManufacture>1997</yearOfManufacture>
                </plane>
                <number>AA8</number>
            </flights>
        </flights>
    </item>
</List>
```


Search reservation using flight number. Example for URL is below

https://52.26.65.149:8080/reservation?flightNumber=AA8

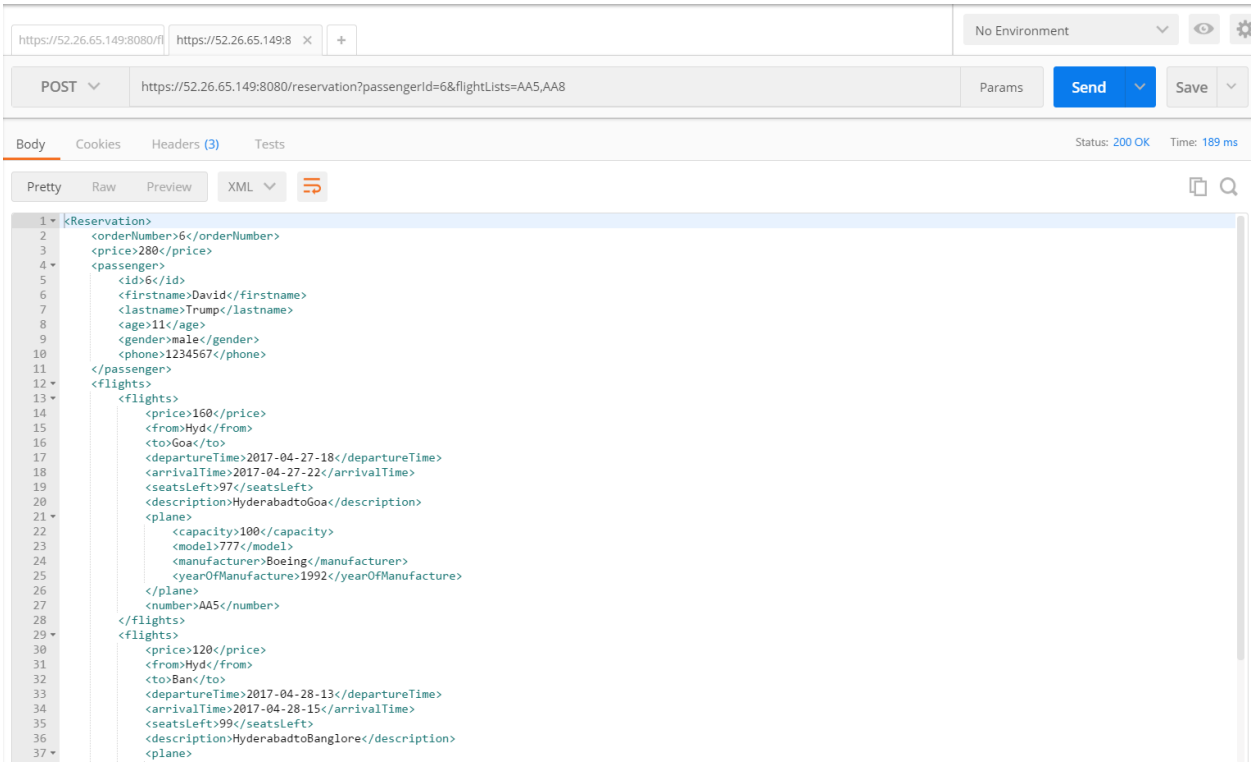
Body Cookies Headers (3) Tests Status: 200 OK Time: 159 ms

Pretty Raw Preview XML


```xml
<List>
    <item>
        <orderNumber>2</orderNumber>
        <price>250</price>
        <passenger>
            <id>3</id>
            <firstname>Prudhvi</firstname>
            <lastname>Raj</lastname>
            <age>26</age>
            <gender>male</gender>
            <phone>992123</phone>
        </passenger>
        <flights>
            <flights>
                <price>120</price>
                <from>Hyd</from>
                <to>Ban</to>
                <departureTime>2017-04-27-21</departureTime>
                <arrivalTime>2017-04-27-23</arrivalTime>
                <seatsLeft>99</seatsLeft>
                <description>HyderabadtoBanglore</description>
                <plane>
                    <capacity>100</capacity>
                    <model>777</model>
                    <manufacturer>Boeing</manufacturer>
                    <yearOfManufacture>1997</yearOfManufacture>
                </plane>
                <number>AA1</number>
            </flights>
            <flights>
                <price>130</price>
                <from>Hyd</from>
                <to>Del</to>
                <departureTime>2017-04-27-06</departureTime>
                <arrivalTime>2017-04-27-09</arrivalTime>
                <seatsLeft>99</seatsLeft>
                <description>HyderabadtoDelhi</description>
```

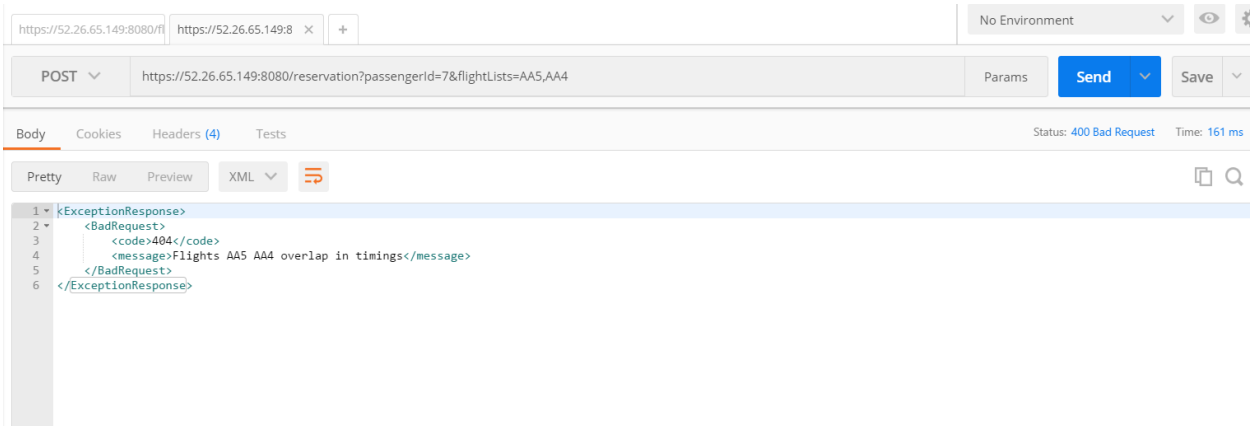
Create new reservation. Example for URL is below

https://52.26.65.149:8080/reservation?passengerId=6&flightLists=AA5,AA8



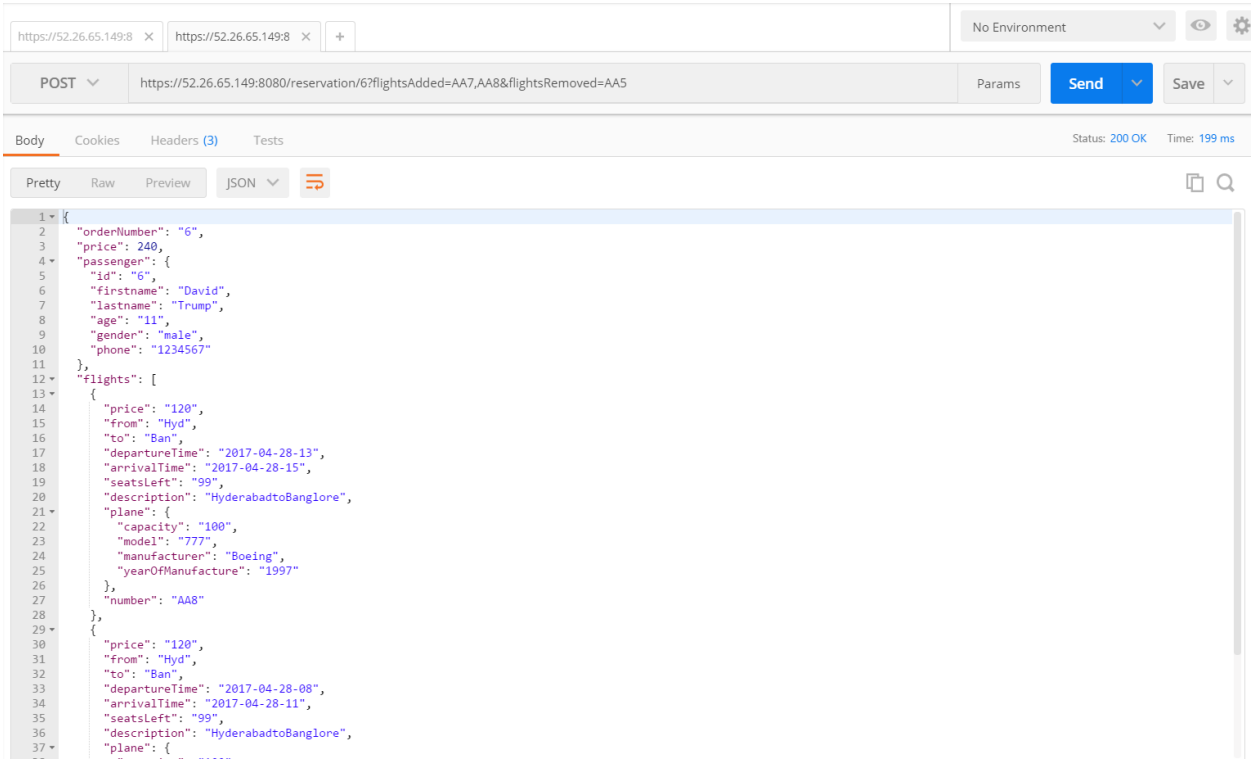
Create new reservation for overlapped flights (Throw error). Example for URL is below

https://52.26.65.149:8080/reservation?passengerId=7&flightLists=AA5,AA4



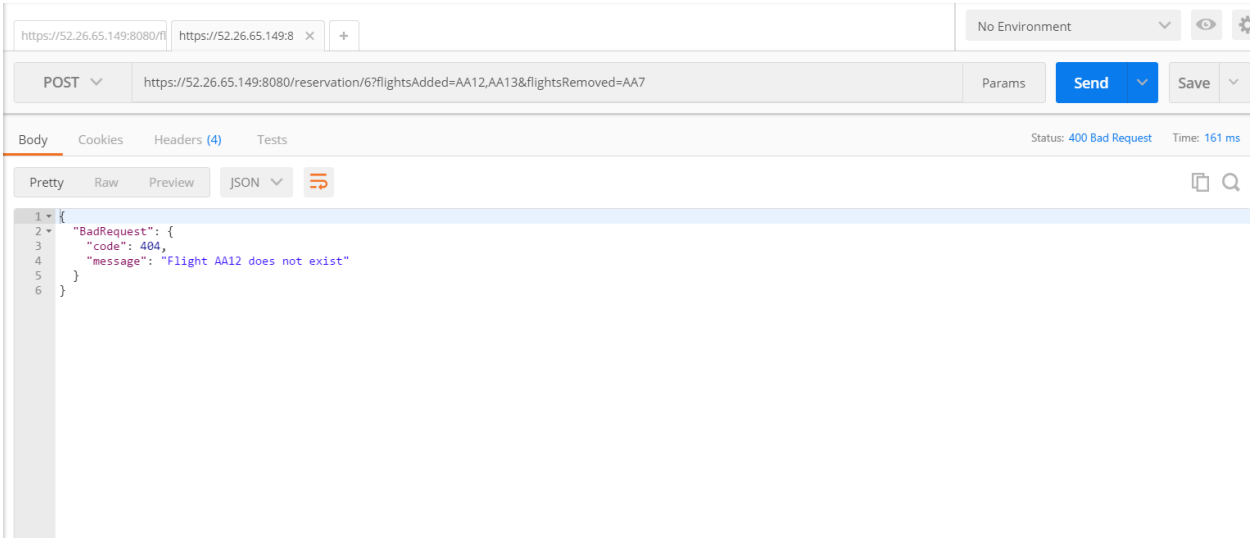
Update Reservation on particular order number. Example for URL is below

https://52.26.65.149:8080/reservation/6&flightsAdded=AA7,AA8&flightsRemoved=AA5



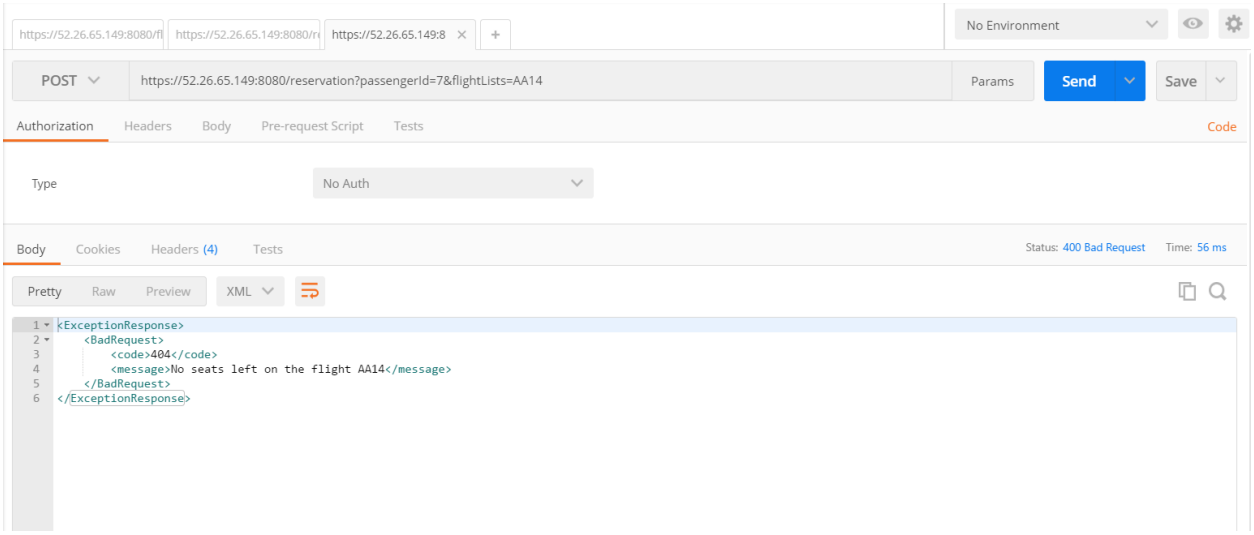
Update Reservation on invalid order number(throw error). Example for URL is below

https://52.26.65.149:8080/reservation/6?flightsAdded=AA12,AA13&flightsRemoved=AA7



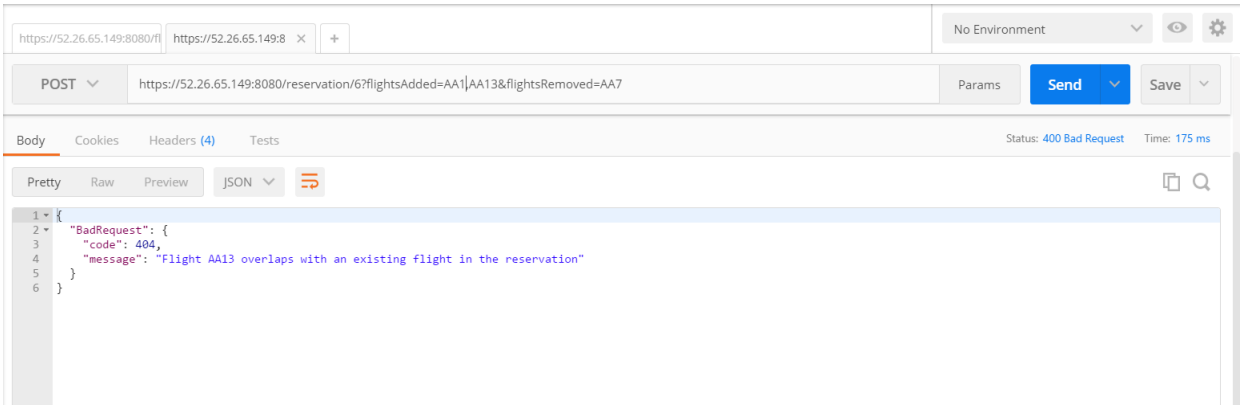
Update Reservation exceeding flight seats (throws error). Example for URL is below

https://52.26.65.149:8080/reservation?passengerId=7&flightLists=AA14



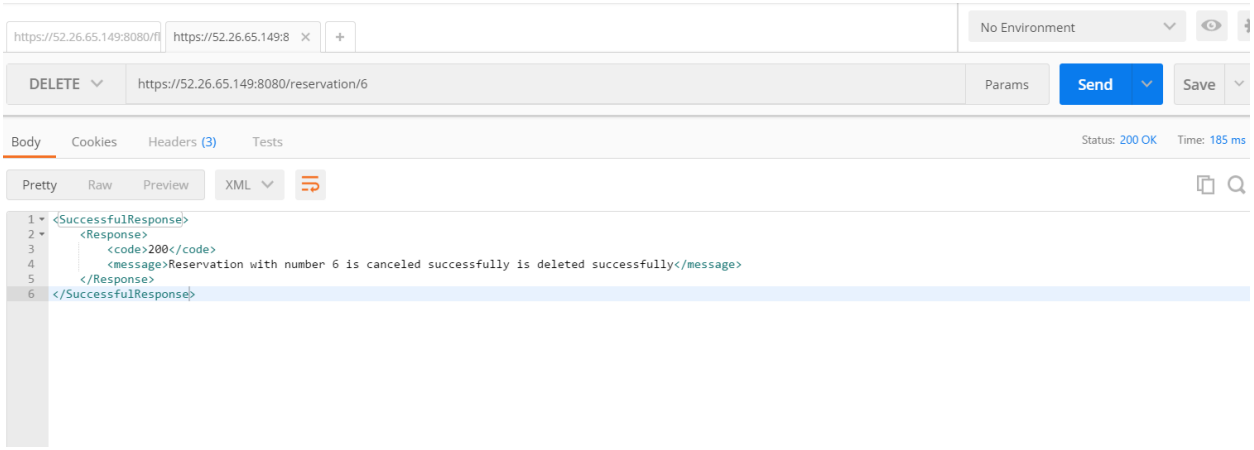
Update Reservation on particular order number for overlapping flights (throw error). Example for URL is below

https://52.26.65.149:8080/reservation/6?flightsAdded=AA1,AA13&flightsRemoved=AA7



Delete reservation particular order number. Example for URL is below

https://52.26.65.149:8080/reservation/6



Delete reservation invalid order number(throws error). Example for URL is below

https://52.26.65.149:8080/reservation/10