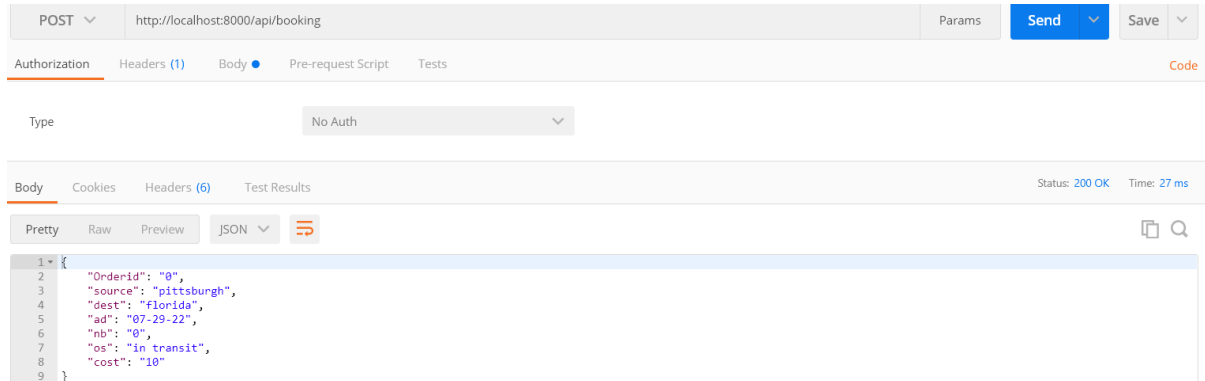


Sprint 3: BackEnd Documentation

In this sprint we have achieved the following pertaining to backend:

1)Luggage Delivery Booking:A signed in user can now place an order to transport his/her luggage from the source to destination.They can now be added to the database.



Api:http://localhost:8000/api/booking

Method:Post

Status: 200->OK

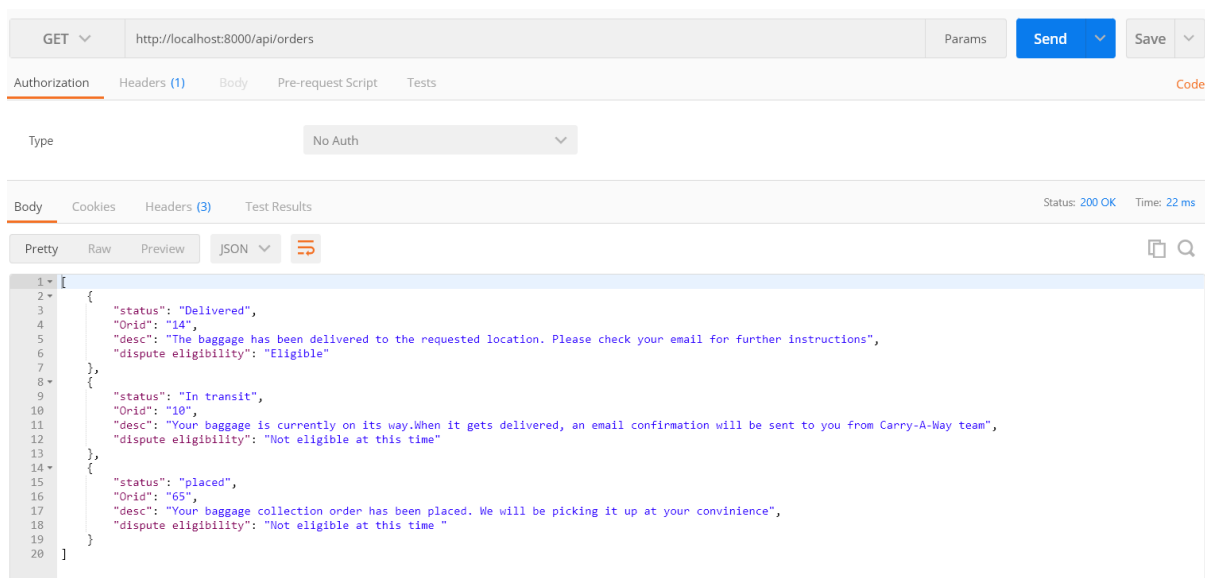
If any other incompatible data is sent:

404->Error

401->Unauthorized

429->Too many requests

2)All baggage orders placed and their status can now be retrieved from the database.



Api:http://localhost:8000/api/orders

Method:Get

Status: 200->OK

If any other incompatible data is sent:

404->Error

401->Unauthorized

429->Too many requests

3) All baggage orders placed and their status can now be retrieved from the database using Orid(order id)

GET http://localhost:8000/api/orders/14

Authorization Headers (1) Body Pre-request Script Tests

Type No Auth

Body Cookies Headers (3) Test Results Status: 200 OK Time: 23 ms

Pretty Raw Preview JSON

```
1 {
2   "status": "Delivered",
3   "Orid": "14",
4   "desc": "The baggage has been delivered to the requested location. Please check your email for further instructions",
5   "dispute eligibility": "Eligible"
6 }
```

Api:http://localhost:8000/api/orders/id

Method:Get

Status: 200->OK

If any other incompatible data is sent:

404->Error

401->Unauthorized

429->Too many requests

4)Baggage status can be updated by carry a way team from time to time.

a)Before the transit status got updated

GET http://localhost:8000/api/orders/65

Authorization Headers (1) Body Pre-request Script Tests

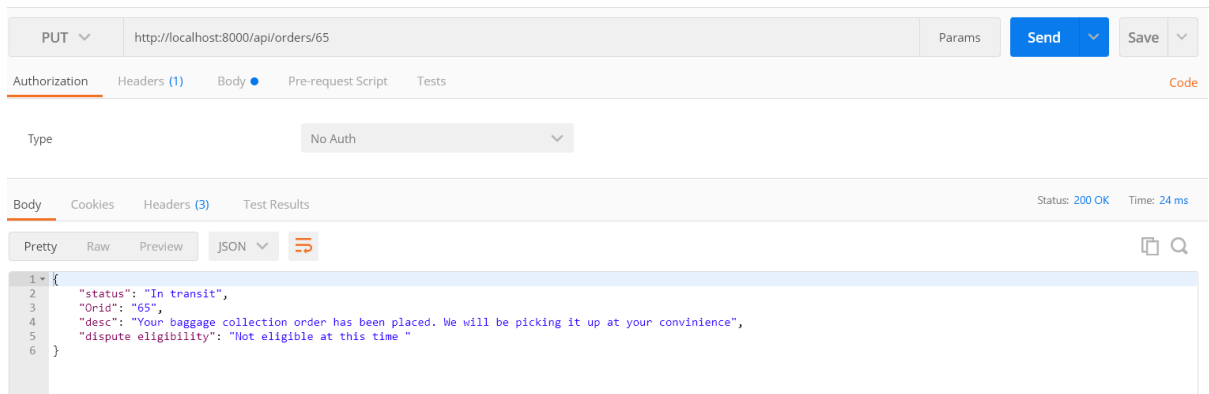
Type No Auth

Body Cookies Headers (3) Test Results Status: 200 OK Time: 35 ms

Pretty Raw Preview JSON

```
1 {
2   "status": "placed",
3   "Orid": "65",
4   "desc": "Your baggage collection order has been placed. We will be picking it up at your convenience",
5   "dispute eligibility": "Not eligible at this time "
6 }
```

b)After the transit status got updated



Api:http://localhost:8000/api/orders/id

Method:Put

Status: 200->OK

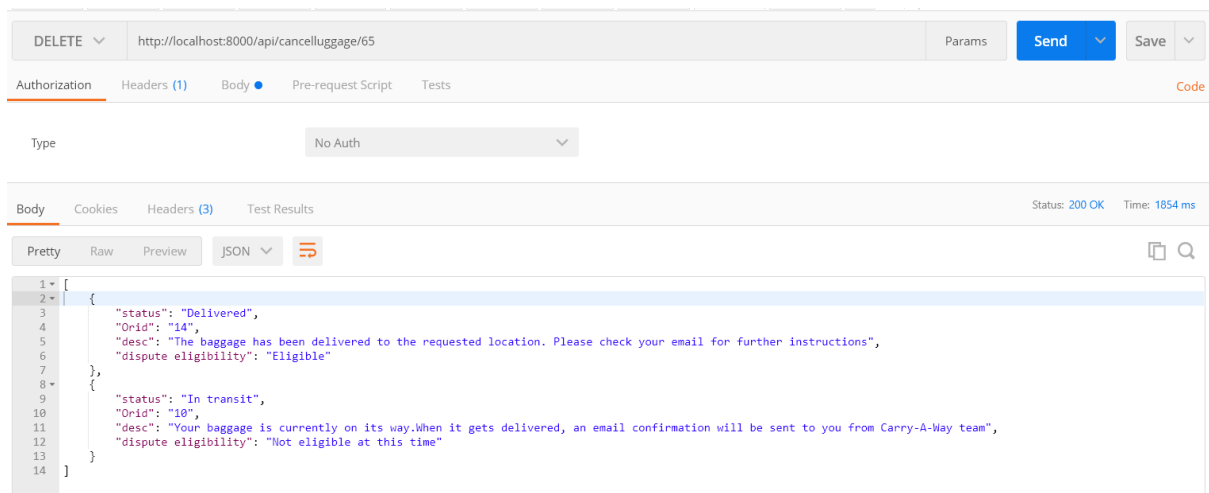
If any other incompatible data is sent:

404->Error

401->Unauthorized

429->Too many requests

5)Customers can delete their baggage transport order if they wish



Api:http://localhost:8000/api/cancelluggage/id

Method:Delete

Status: 200->OK

If any other incompatible data is sent:

404->Error

401->Unauthorized

6)Following unit tests have also been performed

a)Test case has been written to test if all orders placed can be retrieved

```
=== RUN    TestGetOrders
c:\Users\papip\OneDrive\Desktop\SE project\CAW\Backend\signupauth\test\orderscontrollers_test.go:12: Test case returns status 200, which i
s the same code as the expected code 200
--- PASS: TestGetOrders (0.00s)
PASS
ok      CAW/Backend/signupauth/test    (cached)
```

b) Test case has been written to test if all orders placed can be retrieved by id

```
=== RUN    TestGetOrderById
c:\Users\papip\OneDrive\Desktop\SE project\CAW\Backend\signupauth\test\orderscontrollers_test.go:20: Test case returns status 200, which i
s the same code as the expected code 200
--- PASS: TestGetOrderById (0.00s)
PASS
ok      CAW/Backend/signupauth/test    0.460s
```

c)Test case has been written to check if the transit status can be updated

```
=== RUN    TestUpdateTransitStatus
c:\Users\papip\OneDrive\Desktop\SE project\CAW\Backend\signupauth\test\orderscontrollers_test.go:20: Test case returns status 200, which i
s the same code as the expected code 200
--- PASS: TestUpdateTransitStatus (0.00s)
PASS
ok      CAW/Backend/signupauth/test    6.550s
```

d)Test case has been written to check if luggage order can be cancelled

```
=== RUN    TestCancelLuggageOrder
c:\Users\papip\OneDrive\Desktop\SE project\CAW\Backend\signupauth\test\orderscontrollers_test.go:20: Test case returns status 200, which i
s the same code as the expected code 200
--- PASS: TestCancelLuggageOrder (0.00s)
PASS
ok      CAW/Backend/signupauth/test    0.340s
```

e)Test case is written to check if password is hashed

```
=== RUN    TestHashPassword
c:\Users\papip\OneDrive\Desktop\SE project\CAW\Backend\signupauth\test\passwordencryption_test.go:20: The length of hash is wrong.
--- PASS: TestHashPassword (0.00s)
PASS
ok      CAW/Backend/signupauth/test    (cached)
```

> Test run finished at 4/1/2022, 10:02:13 PM <