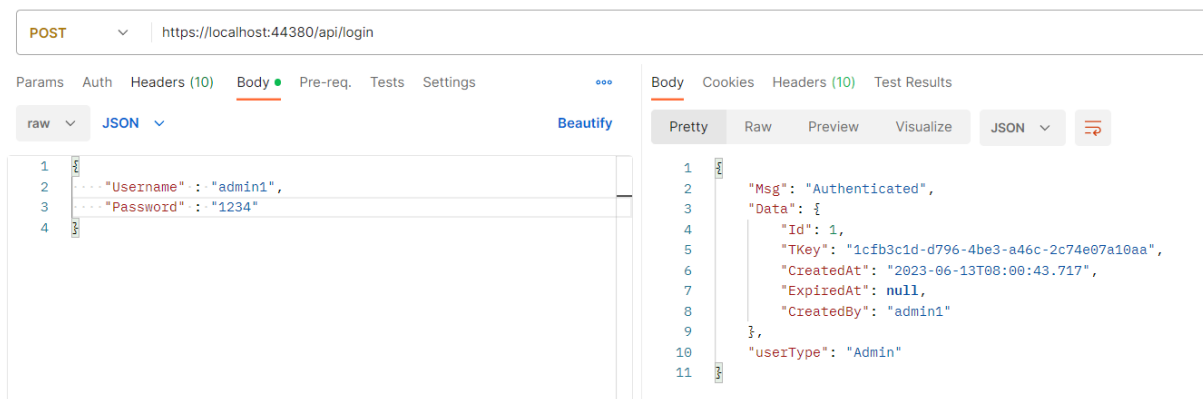


The project is done by following code-first approach. If the SQL file not worked, just migrate and seed using commands.

### Login to the system as admin: POST

Returns invalid if wrong credentials are provided. If correct, then will return a token. If the user already has token, it will return the existing token.

</api/login> ,,,, </api/logout>



In courier controller, all API endpoints require admin access. *AdminAccess* token will pass through the *Authorization* header.

### List of all courier info: GET

</api/courier/all> by default it will return 10 items per page and page 1.

</api/courier/all?pagenumber=3> by default it will return 10 items per page and the mentioned page number.

</api/courier/all?pagenumber=3&pagesize=12> custom page size will support max 15 items per page.

### Search-

</api/courier/all?search=17> ,,,,,, </api/courier/all?pagenumber=3&pagesize=2&search=17>

it will fetch all couriers data by ConsignmentNo which has a sequence of 17

### Insert a new courier to the system: POST

</api/courier/add> by default the status will be set as "Processing"

POST <https://localhost:44380/api/courier/add>

Params Auth Headers (10) **Body** Pre-req. Tests Settings

raw JSON Beautify

```

1  {
2    "CustomerInfo": {
3      "SenderName": "testing",
4      "SenderMobile": "test",
5      "SenderAddress": "test",
6      "ReceiverName": "test",
7      "ReceiverMobile": "test",
8      "ReceiverAddress": "test"
9    },
10   "ParcelType": "test",
11   "Weight": 7,
12   "ShippingCost": 7,
13   "CurrentLocation": "test",
14   "FromLocation": "test",
15   "Destination": "test",
16   "ETA": 3
17 }
18

```

Body Cookies Headers (10) Test Results

Pretty Raw Preview Visualize JSON

```

1  {
2    "Msg": "Inserted",
3    "Data": {
4      "CustomerInfo": {
5        "ConsignmentNo": 0,
6        "SenderName": "testing",
7        "SenderMobile": "test",
8        "SenderAddress": "test",
9        "ReceiverName": "test",
10       "ReceiverMobile": "test",
11       "ReceiverAddress": "test"
12     },
13     "ConsignmentNo": 0,
14     "ParcelType": "test",
15     "Weight": 7,
16     "ShippingCost": 7,
17     "PlacingDate": "0001-01-01T00:00:00",
18     "DeliveryDate": null,
19     "CurrentLocation": "test",
20     "FromLocation": "test",
21     "Destination": "test",
22     "ETA": 3,
23     "Status": null
24   }
25 }

```

## Get a courier by the ConsignmentNo : GET

</api/courier/203>

## Modify or Edit an existing courier: PUT

</api/courier/203>

PUT <https://localhost:44380/api/courier/203>

Params Auth Headers (10) **Body** Pre-req. Tests Settings

raw JSON Beautify

```

1  {
2    "CustomerInfo": {
3      "ConsignmentNo": 203,
4      "SenderName": "test2",
5      "SenderMobile": "test2",
6      "SenderAddress": "test2",
7      "ReceiverName": "test2",
8      "ReceiverMobile": "test2",
9      "ReceiverAddress": "test2"
10   },
11   "ConsignmentNo": 203,
12   "ParcelType": "test12",
13   "Weight": 7,
14   "ShippingCost": 7,
15   "PlacingDate": "2023-06-13T13:18:03.727",
16   "DeliveryDate": "2023-06-17",
17   "CurrentLocation": "test2",
18   "FromLocation": "test2",
19   "Destination": "test2",
20   "ETA": 32,
21   "Status": "Processing222"
22 }

```

Body Cookies Headers (10) Test Results

Pretty Raw Preview Visualize JSON

```

1  {
2    "Msg": "Updated",
3    "Data": {
4      "CustomerInfo": {
5        "ConsignmentNo": 203,
6        "SenderName": "test2",
7        "SenderMobile": "test2",
8        "SenderAddress": "test2",
9        "ReceiverName": "test2",
10       "ReceiverMobile": "test2",
11       "ReceiverAddress": "test2"
12     },
13     "ConsignmentNo": 203,
14     "ParcelType": "test12",
15     "Weight": 7,
16     "ShippingCost": 7,
17     "PlacingDate": "2023-06-13T13:18:03.727",
18     "DeliveryDate": "2023-06-17T00:00:00",
19     "CurrentLocation": "test2",
20     "FromLocation": "test2",
21     "Destination": "test2",
22     "ETA": 32,
23     "Status": "Processing222"
24   }
25 }

```

## Delete a courier by its ConsignmentNo: DELETE

</api/courier/203>

## Change status to "On the way": PUT

</api/courier/shipped/203>

**Change status to “Delivered”: PUT**

</api/courier/delivered/203>

**Change current location e.g. traveled from one hub to another: PUT**

</api/courier/receivedBy/203/Mirpur>

**Report of the project: GET**

</api/report/status>

(Report requirements for this task is not fully clear to me. However, the link will generate a report on-

1. Total consignment count for current month
2. Total revenue/shipping cost for current month
3. Shipment counts that is not delivered in total
4. Total successfully delivered shipment in current month )

GET https://localhost:44380/api/report/status

Params Auth Headers (10) Body Pre-req. Tests Settings Cookies

Headers 8 hidden

	Key	Value	Description	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	Authorization	1cfb3c1d-d...				
<input type="checkbox"/>	UserID	1				
	Key	Value	Description			

Body Cookies Headers (10) Test Results

Pretty Raw Preview Visualize JSON

```

1  {
2    "Data": {
3      "TotalConsignmentThisMonth": 281,
4      "TotalRevenueThisMonth": 253278,
5      "ShipmentPending": 145,
6      "TotalDeliveredThisMonth": 56
7    }
8  }

```

**Generate a receipt as PDF for the customer: GET**

</api/courier/printReceipt/203>

GET https://localhost:44380/api/courier/printReceipt/203

Headers 8 hidden

	Key	Value	Desc	...	Bulk E
<input checked="" type="checkbox"/>	Autho...	1cfb3...			
<input type="checkbox"/>	UserID	1			
	Key	Value	Description		

Body Cookies Headers (11) Test Results

Status: 200 C

**XYZ Courier**

Receipt of Consignment #203

Sender Name: test2  
Sender Mobile: test2  
Sender Address: test2  
Receiver Name: test2  
Receiver Mobile: test2  
Receiver Address: test2

Parcel Type: test12  
Weight: 7  
Charged Amount: 7  
Placing Date: 2023-06-13 1:18:03 PM  
Destination: test2

**Shipper or Receiver can track & see info of their parcel anonymously: GET**

</api/courier/203>

GET <https://localhost:44380/api/courier/203>

Headers ▼ 8 hidden

	Key	Value	Desc	...	Bulk E
<input type="checkbox"/>	Autho...	1cfb3...			
<input type="checkbox"/>	UserID	1			
	Key	Value	Description		

Body Cookies Headers (10) Test Results

Pretty Raw Preview Visualize JSON ▼ ≡

```
1  [Data]
2  "Data": {
3    "CustomerInfo": {
4      "ConsignmentNo": 203,
5      "SenderName": "test2",
6      "SenderMobile": "test2",
7      "SenderAddress": "test2",
8      "ReceiverName": "test2",
9      "ReceiverMobile": "test2",
10     "ReceiverAddress": "test2"
11   },
12   "ConsignmentNo": 203,
13   "ParcelType": "test12",
14   "Weight": 7,
15   "ShippingCost": 7,
16   "PlacingDate": "2023-06-13T13:18:03.727",
17   "DeliveryDate": "2023-06-13T13:33:02.617",
18   "CurrentLocation": "Mirpur",
19   "FromLocation": "test2",
20   "Destination": "test2",
21   "ETA": 32,
22   "Status": "Delivered"
23 }
24  [Raw]
```