BONUS ASSIGNMENT:

I have made UI with insert for items table and display of two tables one is item table another is ShippedVSCustDemand that is first view.

Apart from this I have made API for 7 more views .

Adding all screenshots below.

UI Screenshots:

Form page for insert with validation:

With Values:

After submission insertion into items table

Supply Chain

ITEM TABLE

Item	Unit Weight
desk	65.000
desk top	15.000
disc	25.000
disc1	25.000
disc11	25.000
drawer	10.000
end table	50.000
fidget	56.000
leg	10.000
round table	30.000
table	70.000
table top	20.000

ShippedVSCustDemand TABLE

Customer	Item
customer1	desk
customer1	drawer
customer1	table
customer2	end table
customer2	leg
customer2	round table
customer3	desk
customer3	desk top

The tables with Data:

Supply Chain

ITEM TABLE
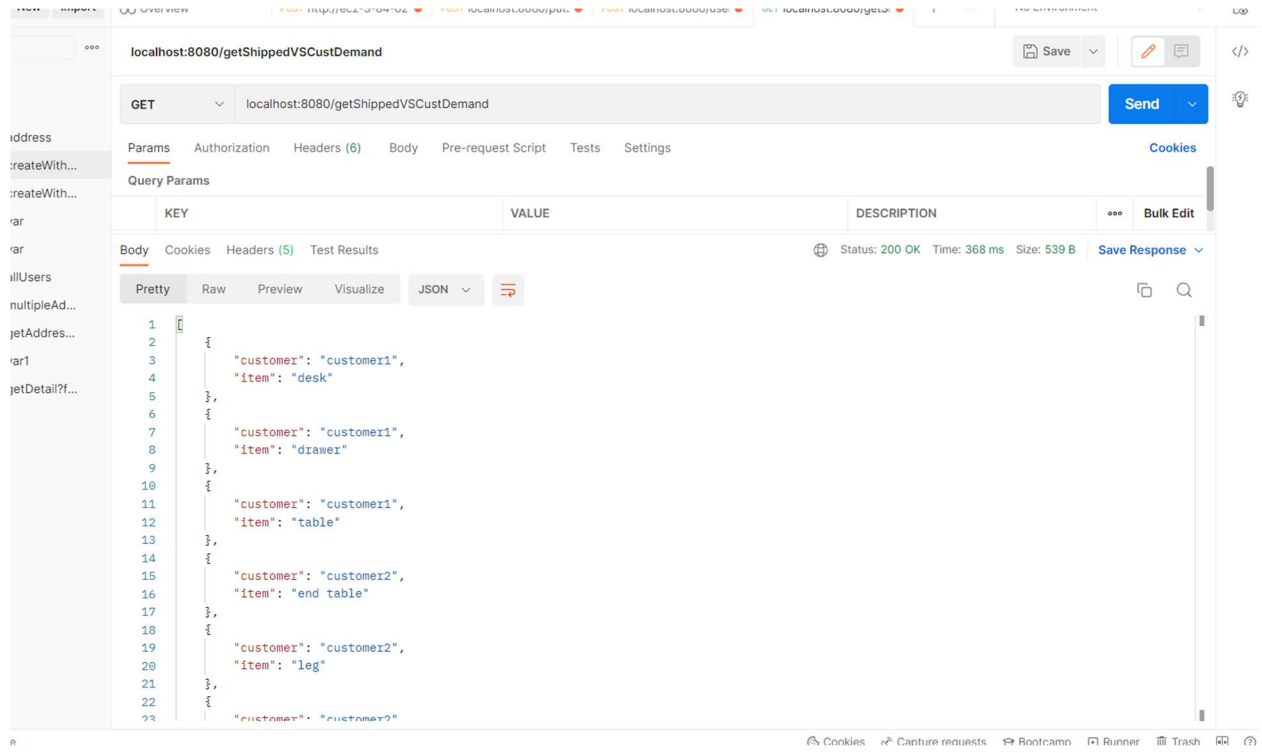
Item	Unit Weight
desk	65.000
desk top	15.000
disc	25.000
disc1	25.000
disc11	25.000
drawer	10.000
end table	50.000
fidget	56.000
leg	10.000
round table	30.000
table	70.000
table top	20.000

ShippedVSCustDemand TABLE

Customer	Item
customer1	desk
customer1	drawer
customer1	table
customer2	end table
customer2	leg
customer2	round table
customer3	desk
customer3	desk top

Backend API's:

VIEW 1: ShippedVSCustDemand

VIEW 2: totalManufItems

VIEW 3: `matsUsedVsShipped`

VIEW 4: producedVsShipped

VIEW 5: suppliedVsShipped

localhost:8080/getsuppliedVsShipped

Save

GET   localhost:8080/getsuppliedVsShipped   Send

Params   Authorization   Headers (6)   Body   Pre-request Script   Tests   Settings   Cookies
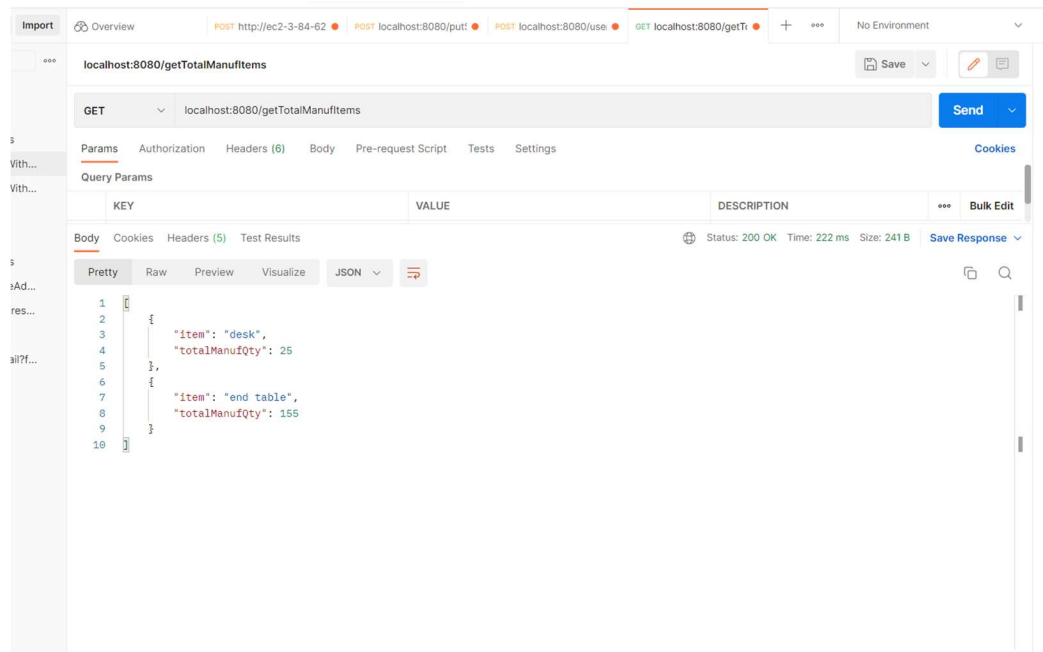
Query Params

	KEY	VALUE	DESCRIPTION	•••	Bulk Edit

Body   Cookies   Headers (5)   Test Results   Status: 200 OK   Time: 320 ms   Size: 457 B   Save Response ∨

Pretty   Raw   Preview   Visualize   JSON ∨

```
 1  [
 2    {
 3      "item": "desk",
 4      "supplier": "supplier1",
 5      "suppliedQty": 17,
 6      "shippedQty": 2
 7    },
 8    {
 9      "item": "drawer",
10      "supplier": "supplier3",
11      "suppliedQty": 18,
12      "shippedQty": 100
13    },
14    {
15      "item": "table",
16      "supplier": "supplier1",
17      "suppliedQty": 15,
18      "shippedQty": 12
19    },
20    {
21      "item": "table",
22      "supplier": "supplier2",
23      "suppliedQty": 20
```

VIEW 6: perSupplierCost

localhost:8080/getPerSupplierCost

Save

GET   localhost:8080/getPerSupplierCost   Send

Params   Authorization   Headers (6)   Body   Pre-request Script   Tests   Settings   Cookies

Query Params

	KEY	VALUE	DESCRIPTION	•••	Bulk Edit

Body   Cookies   Headers (5)   Test Results   Status: 200 OK   Time: 205 ms   Size: 312 B   Save Response ∨

Pretty   Raw   Preview   Visualize   JSON ∨

```
 1  [
 2    {
 3      "cost": 45412,
 4      "supplier": "supplier1"
 5    },
 6    {
 7      "cost": 30517,
 8      "supplier": "supplier2"
 9    },
10    {
11      "cost": 4949,
12      "supplier": "supplier3"
13    },
14    {
15      "cost": 0,
16      "supplier": "supplier4"
17    }
18  ]
```

VIEW 7: perManufCost

localhost:8080/getperManufCost

GET localhost:8080/getperManufCost

Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

	KEY	VALUE	DESCRIPTION	ooo	Bulk Edit

Body Cookies Headers (5) Test Results   Status: 200 OK Time: 186 ms Size: 289 B   Save Response ∨

Pretty Raw Preview Visualize JSON ∨

```json
1  [
2      {
3          "manuf": "manuf1",
4          "cost": 21599
5      },
6      {
7          "manuf": "manuf2",
8          "cost": 16987
9      },
10     {
11         "manuf": "manuf3",
12         "cost": 75397
13     },
14     {
15         "manuf": "manuf4",
16         "cost": 0
17     }
18 ]
```

Cookies Capture requests Bootcamp Runner Trash