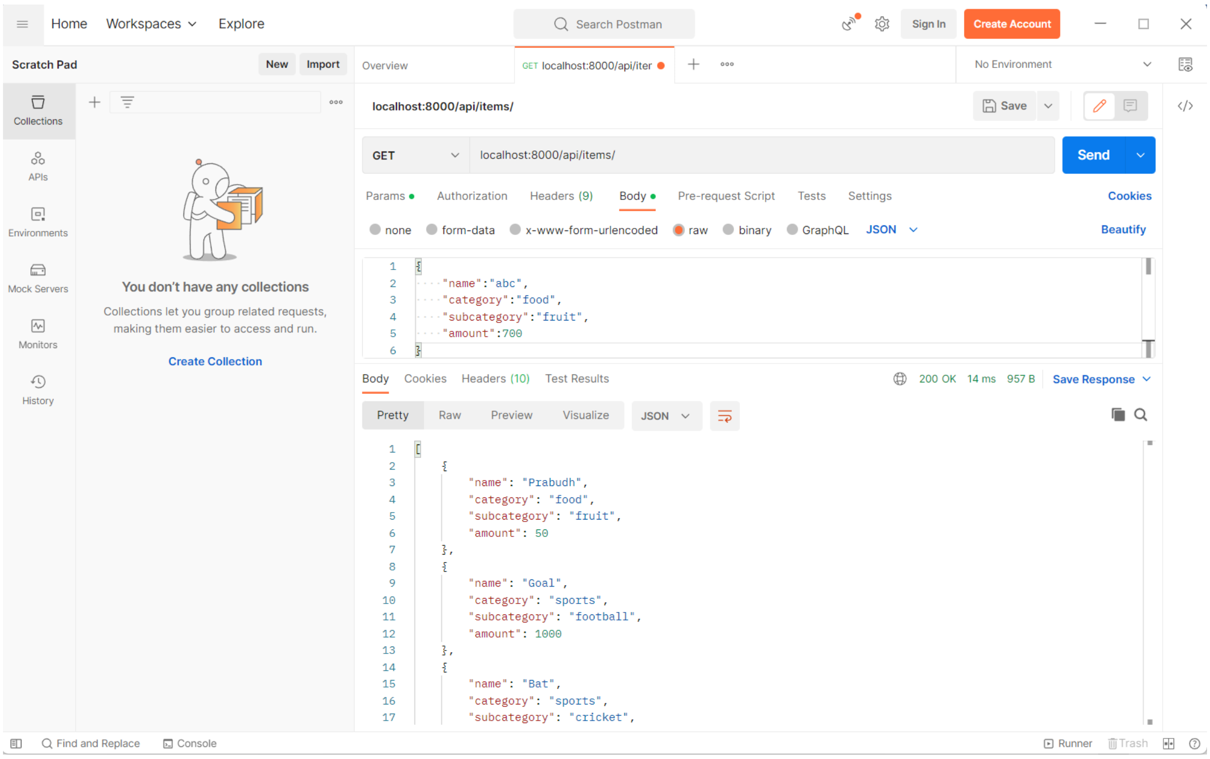
API Contract for Supermarket Billing

In this the model/schema is having the field – items_id, name, category, subcategory and amount. Database used – sqlite3

GET request:

localhost:8000/api/items/



localhost:8000/api/items/

GET localhost:8000/api/items/

Body: ○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

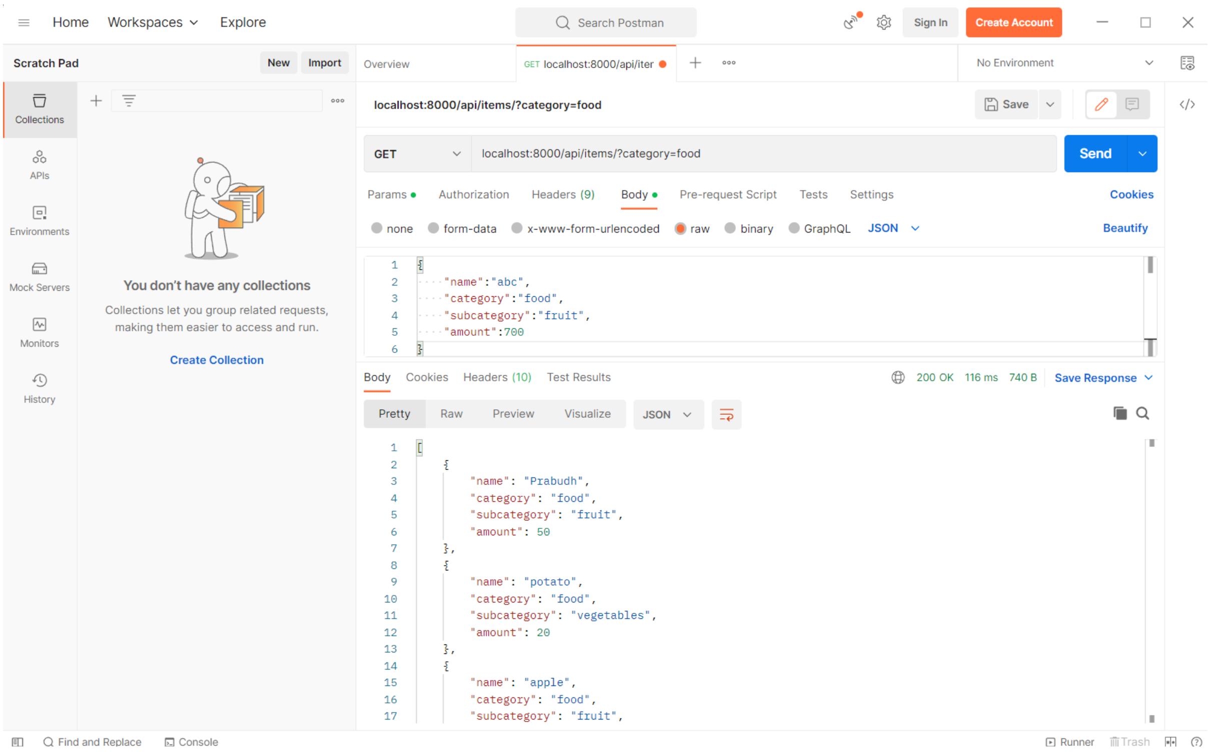
```
{
    "name":"abc",
    "category":"food",
    "subcategory":"fruit",
    "amount":700
}
```

Body 200 OK 14 ms 957 B

JSON

```
[
    {
        "name": "Prabudh",
        "category": "food",
        "subcategory": "fruit",
        "amount": 50
    },
    {
        "name": "Goal",
        "category": "sports",
        "subcategory": "football",
        "amount": 1000
    },
    {
        "name": "Bat",
        "category": "sports",
        "subcategory": "cricket",
```

localhost:8000/api/items/?category=food



localhost:8000/api/items/?category=food

GET localhost:8000/api/items/?category=food

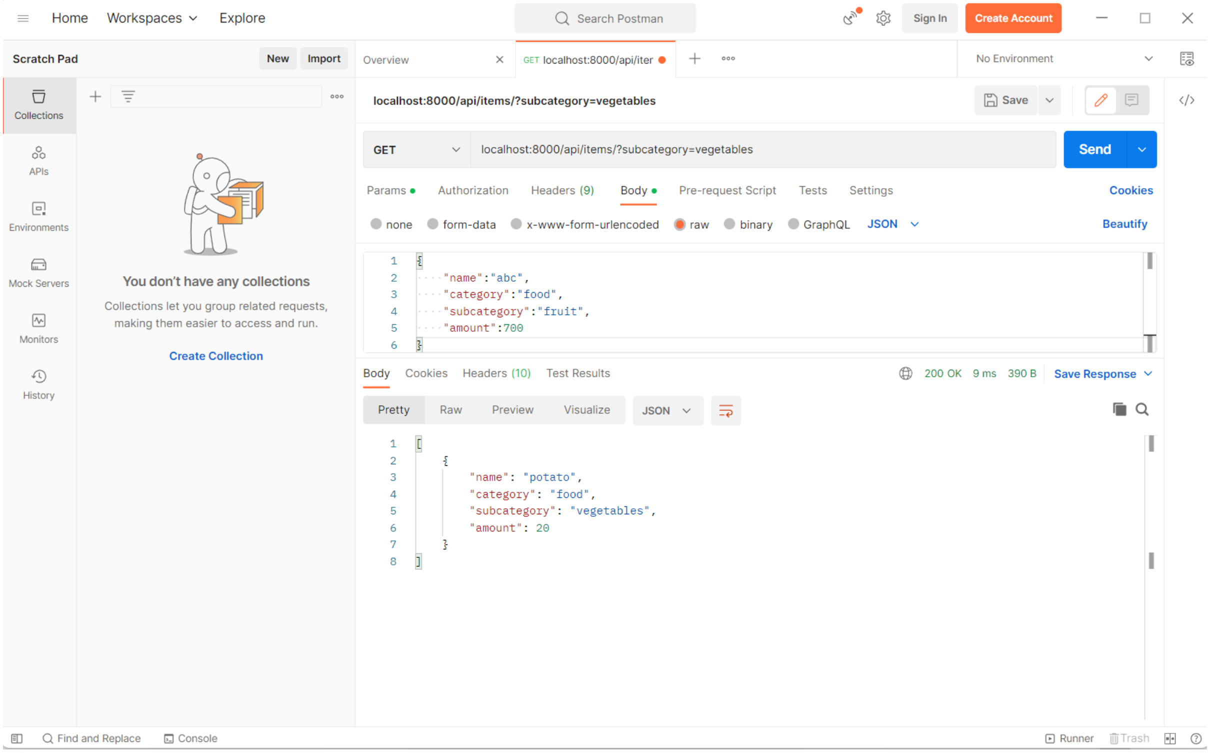
Body: raw JSON

```
{
    "name":"abc",
    "category":"food",
    "subcategory":"fruit",
    "amount":700
}
```

Body 200 OK 116 ms 740 B

```
[
    {
        "name": "Prabudh",
        "category": "food",
        "subcategory": "fruit",
        "amount": 50
    },
    {
        "name": "potato",
        "category": "food",
        "subcategory": "vegetables",
        "amount": 20
    },
    {
        "name": "apple",
        "category": "food",
        "subcategory": "fruit",
```

localhost:8000/api/items/?subcategory=vegetables



localhost:8000/api/items/?subcategory=vegetables

GET localhost:8000/api/items/?subcategory=vegetables

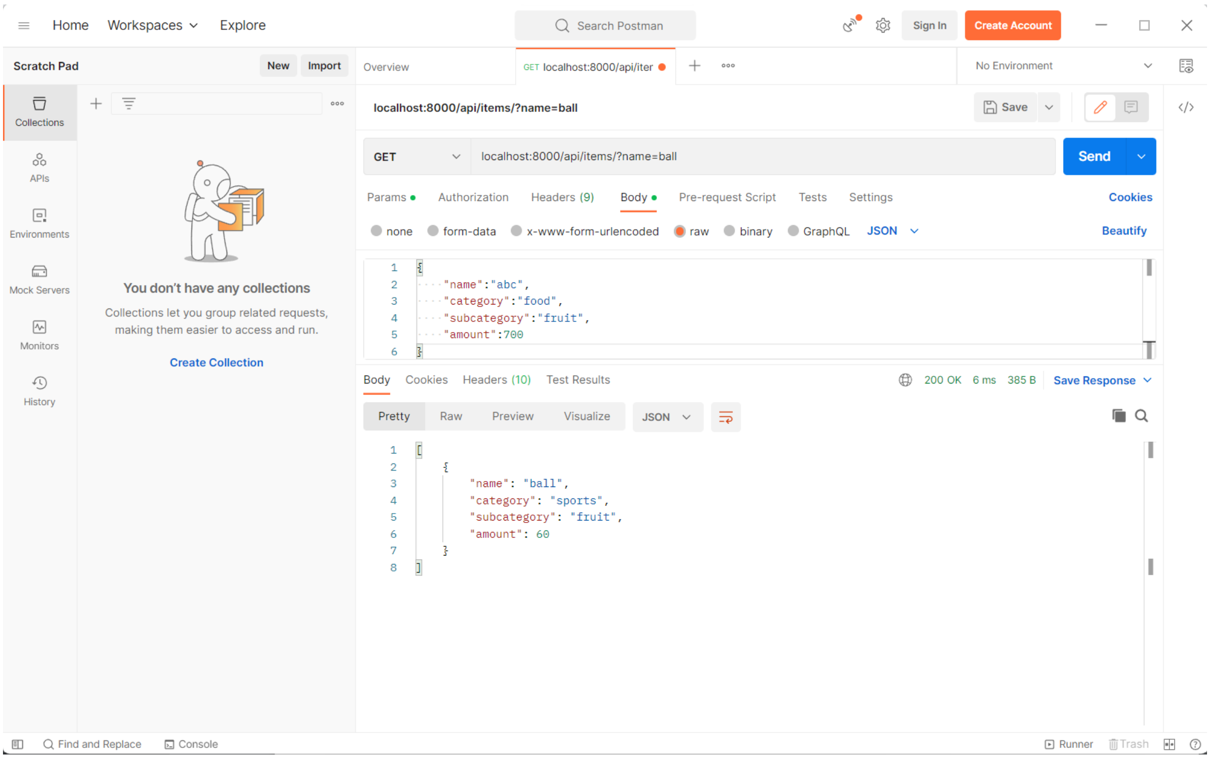
Body: raw JSON

```
{
    "name":"abc",
    "category":"food",
    "subcategory":"fruit",
    "amount":700
}
```

Body 200 OK 9 ms 390 B

```
[
    {
        "name": "potato",
        "category": "food",
        "subcategory": "vegetables",
        "amount": 20
    }
]
```

localhost:8000/api/items/?name=ball



You don't have any collections

Collections let you group related requests, making them easier to access and run.

localhost:8000/api/items/?name=ball

GET localhost:8000/api/items/?name=ball

Body: ● raw JSON

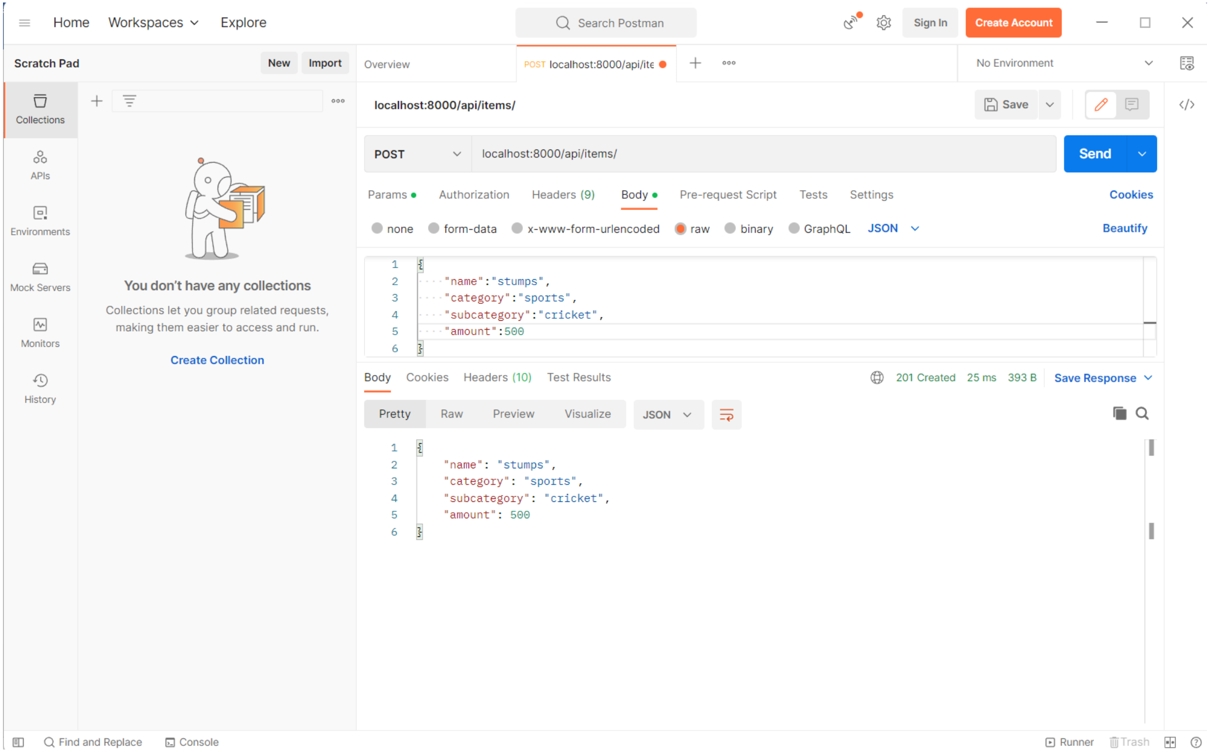
```
{
    "name":"abc",
    "category":"food",
    "subcategory":"fruit",
    "amount":700
}
```

200 OK 6 ms 385 B

```
[
    {
        "name": "ball",
        "category": "sports",
        "subcategory": "fruit",
        "amount": 60
    }
]
```

POST request – to create new data and storing it into the database

localhost:8000/api/items/



You don't have any collections

Collections let you group related requests, making them easier to access and run.

localhost:8000/api/items/

POST localhost:8000/api/items/

Body: ● raw JSON

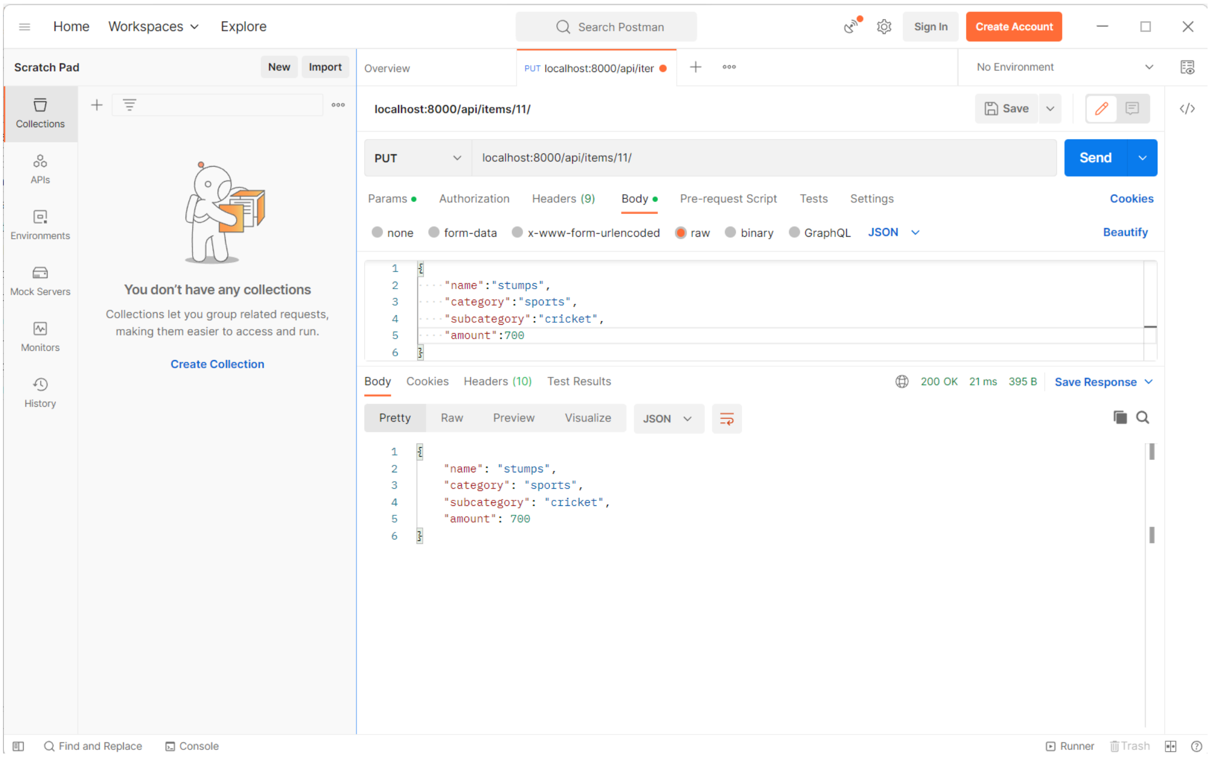
```
{
    "name":"stumps",
    "category":"sports",
    "subcategory":"cricket",
    "amount":500
}
```

201 Created 25 ms 393 B

```
{
    "name": "stumps",
    "category": "sports",
    "subcategory": "cricket",
    "amount": 500
}
```

PUT request – to update the data in the database using primary key

localhost:8000/api/items/11/ -- where 11 is the primary key/id



localhost:8000/api/items/11/

PUT localhost:8000/api/items/11/

Body: raw, JSON

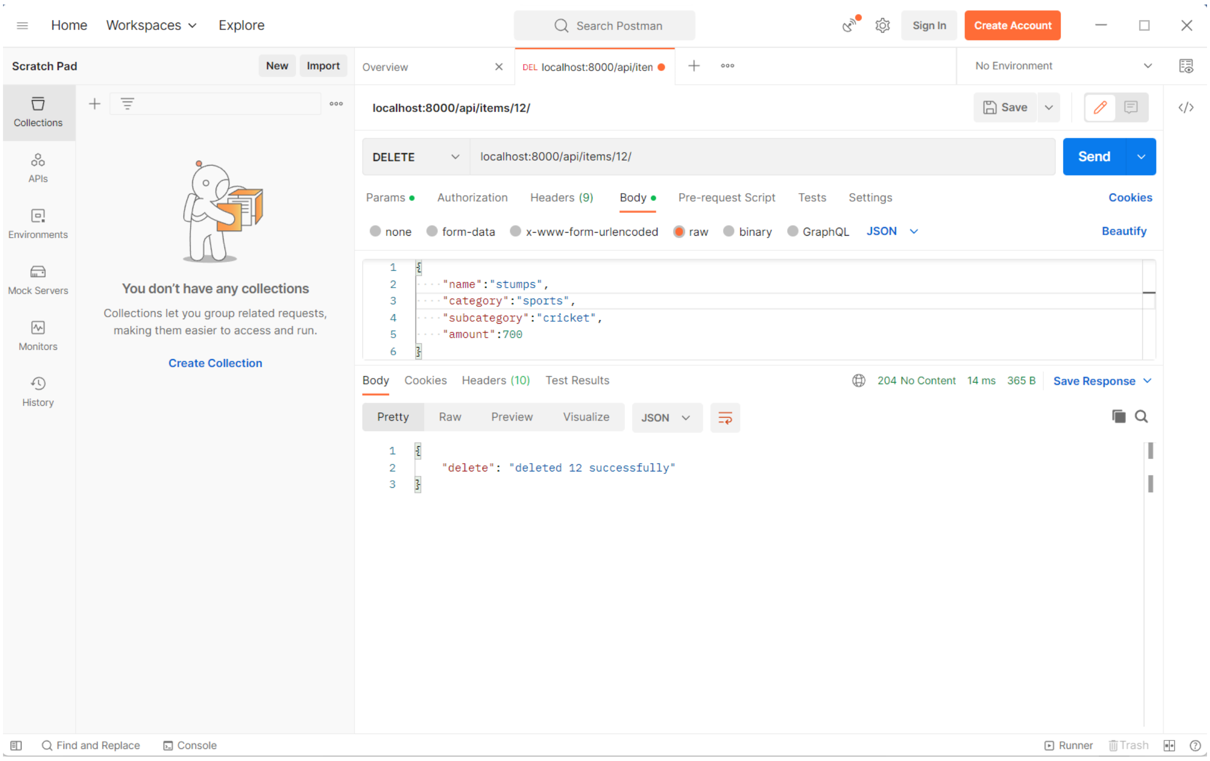
```
{
    "name":"stumps",
    "category":"sports",
    "subcategory":"cricket",
    "amount":700
}
```

200 OK 21 ms 395 B

```
{
    "name": "stumps",
    "category": "sports",
    "subcategory": "cricket",
    "amount": 700
}
```

DELETE request - to delete the data in the database using primary key

localhost:8000/api/items/12/ -- where 11 is the primary key/id



localhost:8000/api/items/12/

DELETE localhost:8000/api/items/12/

Body: raw, JSON

```
{
    "name":"stumps",
    "category":"sports",
    "subcategory":"cricket",
    "amount":700
}
```

204 No Content 14 ms 365 B

```
{
    "delete": "deleted 12 successfully"
}
```