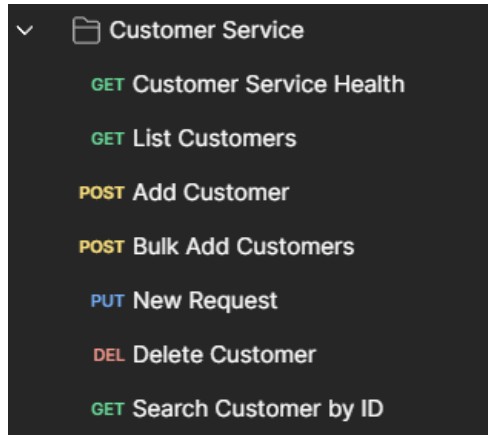


# XENO Mini CRM Assignment 2025

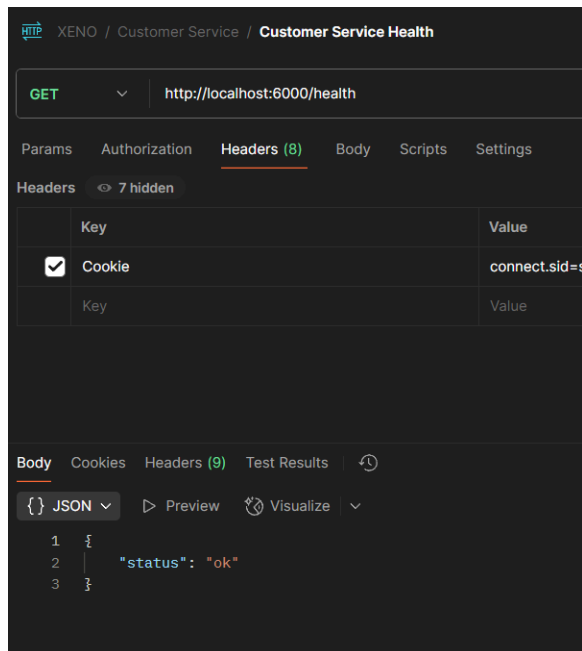
## Postman Documentation Displaying all APIs available in the backend

Made by: Kshitij Satija 22BBS0041

### APIs available in customer:



### Customer Service Health:



## List Customers:

XENO / Customer Service / List Customers

GET `{{local}} /api/customers`

Params Authorization Headers (8) Body Scripts Settings

Headers 7 hidden

Key	Value
<input checked="" type="checkbox"/> Cookie	connect.sid=s%3A...
Key	Value

Body Cookies Headers (9) Test Results

JSON Preview Visualize

```
1 [
2   {
3     "metadata": {
4       "location": "San Francisco"
5     },
6     "_id": "68c156947ab38743c9eb2587",
7     "customerId": 1,
8     "ownerId": "68c155b8d2725e9645cab405",
9     "name": "Alice Johnson Updated",
10    "email": "aliceupdated@gmail.com",
11    "phone": "1111111111",
12    "createdAt": "2025-09-10T10:44:36.150Z",
13    "lifetimeSpend": 1630.5,
14    "totalOrders": 5,
15    "__v": 0,
16    "lastOrderDate": "2025-09-15T17:50:36.146Z"
17  },
18  {
19    "metadata": {
```

## Add Customer:

XENO / Customer Service / Add Customer

POST `{{local}} /api/customers`

Params Authorization Headers (11) Body Scripts Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary

```
1 {
2   "name": "Kshitij Satija223",
3   "email": "ksh3@example.com",
4   "phone": "7521334567",
5   "metadata": {
6     "dob": "2003-10-18",
```

Body Cookies Headers (9) Test Results

JSON Preview Visualize

```
1 {
2   "message": "Customer queued for insertion",
3   "data": {
4     "ownerId": "68c155b8d2725e9645cab405",
5     "name": "Kshitij Satija223",
6     "email": "ksh3@example.com",
7     "phone": "7521334567",
8     "metadata": {
9       "dob": "2003-10-18",
10      "gender": "Male",
11      "location": "Gurgaon"
12    },
13    "timestamp": "2025-09-15T19:08:54.573Z"
14  }
15 }
```

## Bulk Add Customers:

HTTP XENO / Customer Service / Bulk Add Customers

POST

Params Authorization Headers (11) **Body** Scripts

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw

```
9      "gender": "Female",
10      "location": "New York"
11    },
12  },
13  {
14    "name": "Bob Smith",
15    "email": "bob@example.com",
16    "phone": "9876543210",
```

Body Cookies Headers (9) Test Results ↺

☒ JSON ☐ Preview ☐ Visualize

```
1  {
2    "message": "Bulk queued",
3    "queued": 2,
4    "skipped": 0,
5    "errors": []
6  }
```

## Update Customer:

HTTP XENO / Customer Service / New Request

PUT

Params Authorization Headers (11) **Body** Scripts Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary

```
1  {
2    "name": "Alice Johnson 22",
3    "email": "aliceupdated@gmail.com",
4    "metadata": { "location": "San Francisco" }
5  }
```

Body Cookies Headers (9) Test Results ↺

☒ JSON ☐ Preview ☐ Visualize

```
1  {
2    "message": "Customer update queued",
3    "data": {
4      "ownerId": "68c155b8d2725e9645cab405",
5      "customerId": "1",
6      "updates": {
7        "name": "Alice Johnson 22",
8        "email": "aliceupdated@gmail.com",
9        "metadata": {
10          "location": "San Francisco"
11        }
12      },
13      "timestamp": "2025-09-15T19:10:09.224Z"
14    }
15  }
```

## Delete Customer:

The screenshot shows a REST client interface for a service named "XENO / Customer Service". The selected method is **DELETE** with the URL `http://localhost:5000/api/customers/1`. The **Headers** tab is active, showing 8 headers, including a **Cookie** header which is checked. The **Body** tab is also active, displaying a JSON response:

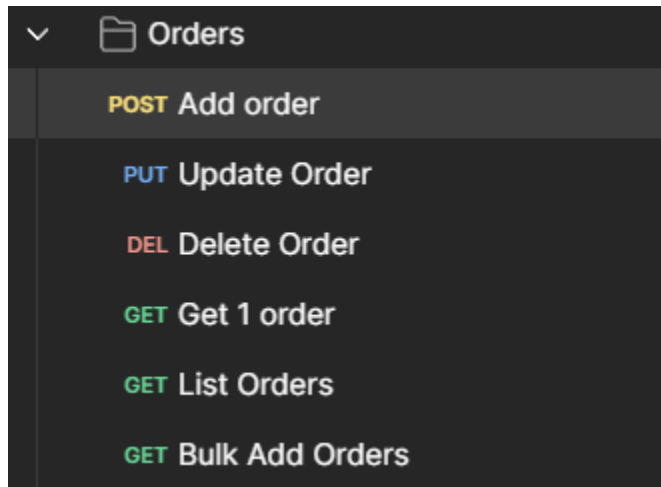
```
1 {
2   "message": "Customer delete queued",
3   "data": {
4     "ownerId": "68c155b8d2725e9645cab405",
5     "customerId": "1"
6   }
7 }
```

As we just deleted 1 who was alice, we have only 1 alice left:  
Search by ID or Name:

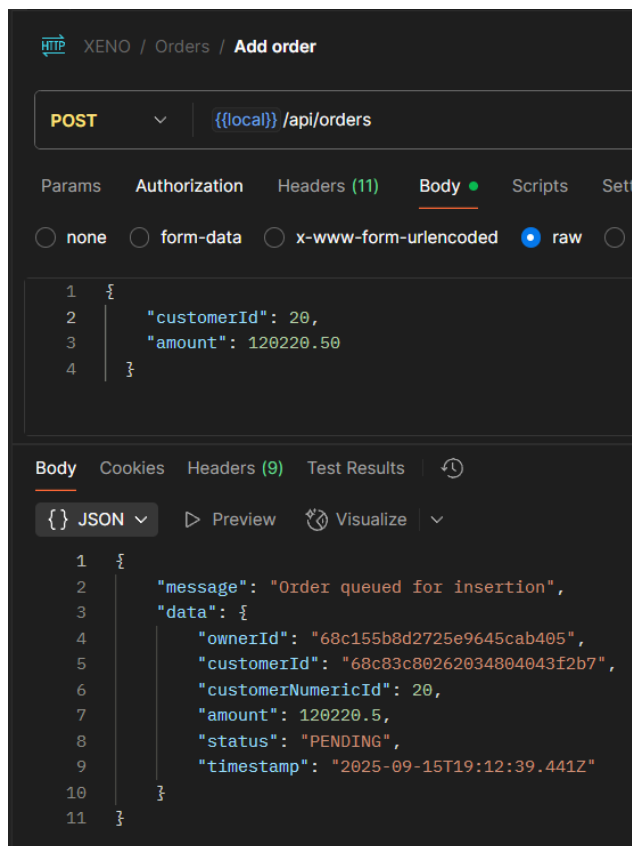
The screenshot shows a REST client interface for the same service. The selected method is **GET** with the URL `http://localhost:5000/api/customers/search?q=Alice`. The **Headers** tab is active, showing 8 headers, including a **Cookie** header which is checked. The **Body** tab is also active, displaying a JSON response:

```
1 [
2   {
3     "_id": "68c83c80262034804043f2b7",
4     "customerId": 20,
5     "name": "Alice Johnson",
6     "email": "alice@example.com",
7     "phone": "1234567890"
8   }
9 ]
```

## APIs available in Orders:



## Add order:



## Update Order:

The screenshot shows a REST client interface for a PUT request to `localhost/api/orders/13`. The request body is a JSON object with `amount: 1200` and `status: COMPLETED`. The response body is a JSON object with a success message and a data object containing the updated order details.

**Request:**

```
PUT localhost/api/orders/13
```

**Request Body (raw):**

```
{
  "amount": 1200,
  "status": "COMPLETED"
}
```

**Response Body (JSON):**

```
{
  "message": "Order update queued",
  "data": {
    "ownerId": "68c155b8d2725e9645cab405",
    "orderId": "13",
    "updates": {
      "amount": 1200,
      "status": "COMPLETED"
    },
    "timestamp": "2025-09-15T19:13:06.705Z"
  }
}
```

## Delete order by order ID:

The screenshot shows a REST client interface for a DELETE request to `localhost/api/orders/13`. The response body is a JSON object with a success message and a data object containing the deleted order details.

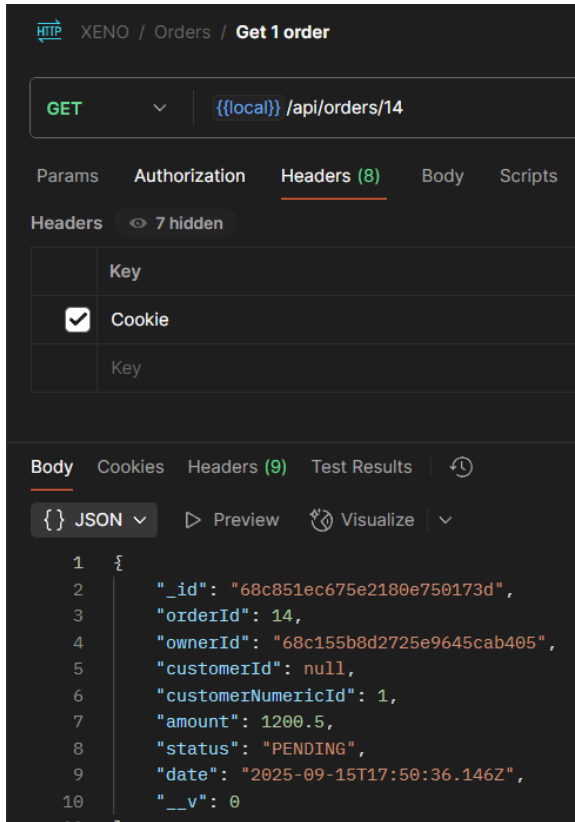
**Request:**

```
DELETE localhost/api/orders/13
```

**Response Body (JSON):**

```
{
  "message": "Order delete queued",
  "data": {
    "ownerId": "68c155b8d2725e9645cab405",
    "orderId": "13",
    "timestamp": "2025-09-15T19:13:28.065Z"
  }
}
```

## Get Order by ID:



HTTP XENO / Orders / **Get 1 order**

GET ☐ `{{local}} /api/orders/14`

Params Authorization Headers (8) Body Scripts

Headers ☐ 7 hidden

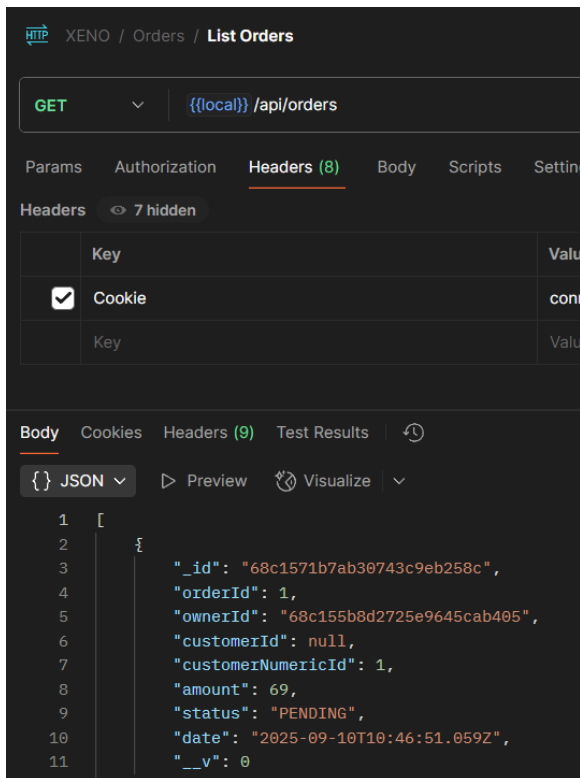
Key	Value
<input checked="" type="checkbox"/> Cookie	
Key	

Body Cookies Headers (9) Test Results ☐

☐ JSON ☐ Preview ☐ Visualize ☐

```
1 {
2   "_id": "68c851ec675e2180e750173d",
3   "orderId": 14,
4   "ownerId": "68c155b8d2725e9645cab405",
5   "customerId": null,
6   "customerNumericId": 1,
7   "amount": 1200.5,
8   "status": "PENDING",
9   "date": "2025-09-15T17:50:36.146Z",
10  "__v": 0
11 }
```

## List Orders:



HTTP XENO / Orders / **List Orders**

GET ☐ `{{local}} /api/orders`

Params Authorization Headers (8) Body Scripts Settings

Headers ☐ 7 hidden

Key	Value
<input checked="" type="checkbox"/> Cookie	conn
Key	Valu

Body Cookies Headers (9) Test Results ☐

☐ JSON ☐ Preview ☐ Visualize ☐

```
1 [
2   {
3     "_id": "68c1571b7ab30743c9eb258c",
4     "orderId": 1,
5     "ownerId": "68c155b8d2725e9645cab405",
6     "customerId": null,
7     "customerNumericId": 1,
8     "amount": 69,
9     "status": "PENDING",
10    "date": "2025-09-10T10:46:51.059Z",
11    "__v": 0
12  }
13 ]
```

## Bulk add orders:

The screenshot shows a REST client interface with the following details:

- URL:** `{{local}} /api/orders/bulk`
- Method:** **POST**
- Body Type:** **raw** (selected)
- Request Body (JSON):**

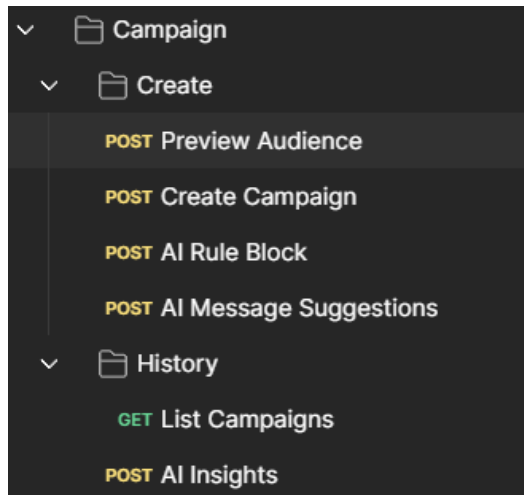
```
1 {  
2   "orders": [  
3     { "customerId": 123, "amount": 1200 },  
4     { "customerId": 456, "amount": 800, "status": "COMPLETED" }  
5   ]  
6 }
```
- Response Body (JSON):**

```
1 {  
2   "message": "Bulk orders queued",  
3   "queued": 2,  
4   "skipped": 0,  
5   "errors": []  
6 }
```

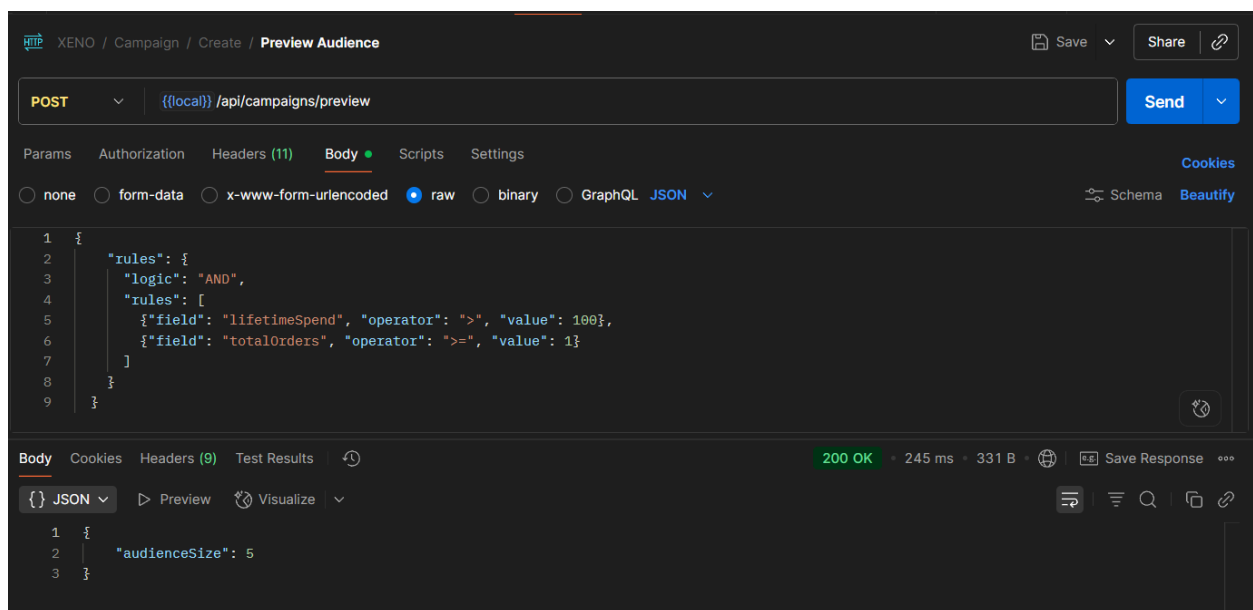


## Campaign:

### APIs available in Campaign:



### Preview Audience:



## Create Campaign:

The screenshot shows the XENO API client interface for a POST request to `http://localhost:5000/api/campaigns`. The request body is a JSON object with the following structure:

```
1 {
2   "campaignName": "Summer Promo",
3   "rules": {
4     "logic": "AND",
5     "rules": [{ "field": "lifetimeSpend", "operator": ">", "value": 10000 }]
6   },
7   "message": "Get 20% off!",
8   "deliveryMode": "IMMEDIATE"
9 }
```

The response is a 202 Accepted status with a response time of 207 ms and a body size of 389 B. The response body is a JSON object:

```
1 {
2   "message": "Campaign created",
3   "campaignId": "68c866bac6c96c40f9243b13"
4 }
```

## AI Rule Block:

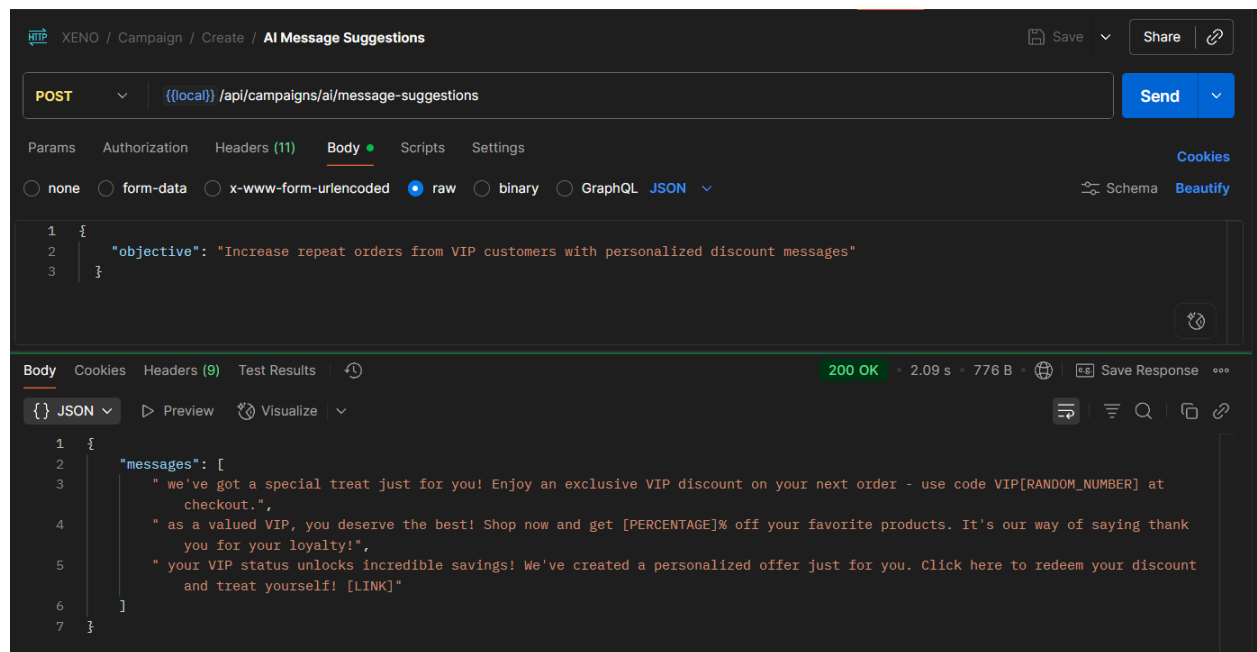
The screenshot shows the XENO API client interface for a POST request to `{{local}}/api/campaigns/ai/parse-segment`. The request body is a JSON object with the following structure:

```
1 {
2   "prompt": "Customers who spent more than 5000 in the last year and ordered at least 3 times"
3 }
```

The response is a 200 OK status with a response time of 1.65 s and a body size of 507 B. The response body is a JSON object:

```
1 {
2   "rules": {
3     "logic": "AND",
4     "rules": [
5       {
6         "field": "lifetimeSpend",
7         "operator": ">",
8         "value": 5000
9       },
10      {
11        "field": "totalOrders",
12        "operator": ">=",
13        "value": 3
14      },
15      {
16        "field": "lastOrderDate",
17        "operator": ">=",
18        "value": 365
19      }
20    ]
21 }
```

## AI Message Suggestions:



HTTP XENO / Campaign / Create / AI Message Suggestions

POST {{local}} /api/campaigns/ai/message-suggestions

Params Authorization Headers (11) Body Scripts Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

Schema Beautify

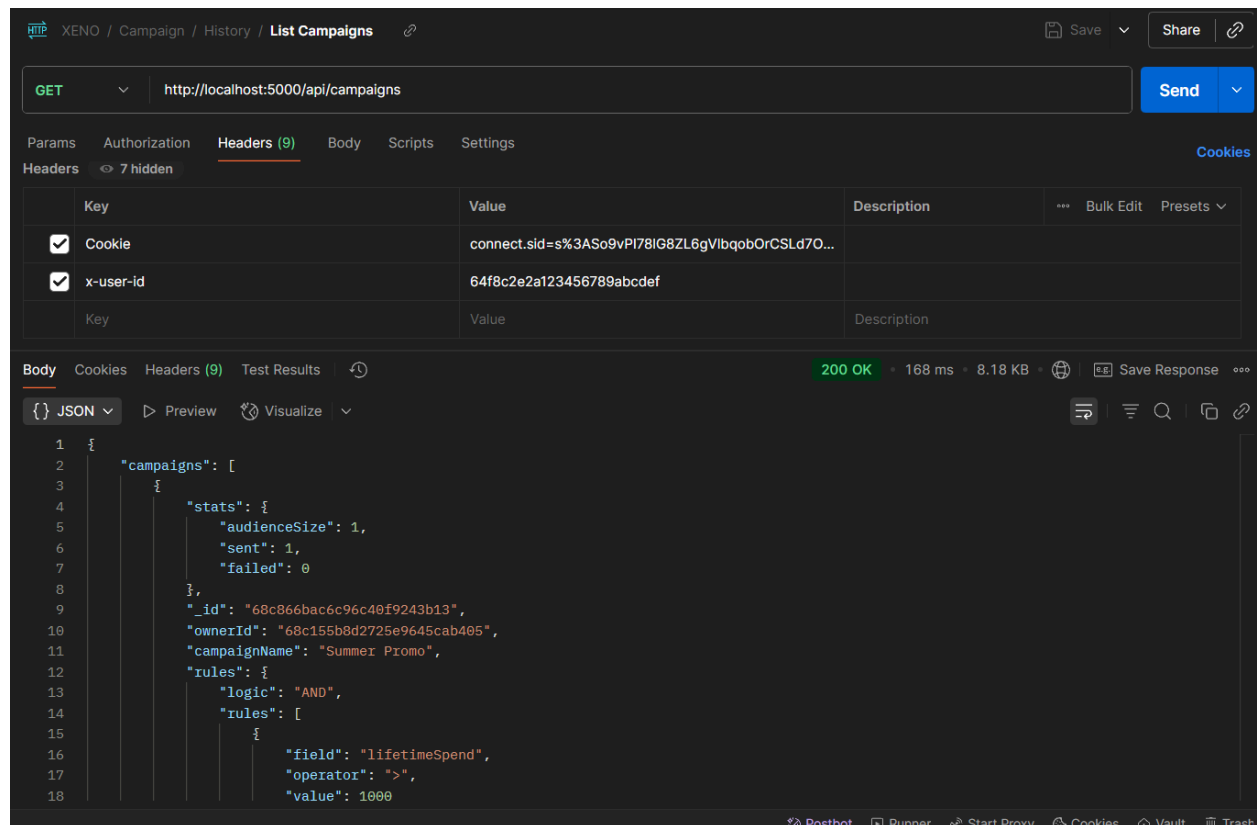
```
1 {
2   "objective": "Increase repeat orders from VIP customers with personalized discount messages"
3 }
```

Body Cookies Headers (9) Test Results 200 OK • 2.09 s • 776 B Save Response

JSON Preview Visualize

```
1 {
2   "messages": [
3     " we've got a special treat just for you! Enjoy an exclusive VIP discount on your next order - use code VIP[RANDOM_NUMBER] at checkout.",
4     " as a valued VIP, you deserve the best! Shop now and get [PERCENTAGE]% off your favorite products. It's our way of saying thank you for your loyalty!",
5     " your VIP status unlocks incredible savings! We've created a personalized offer just for you. Click here to redeem your discount and treat yourself! [LINK]"
6   ]
7 }
```

## List Campaigns:



HTTP XENO / Campaign / History / List Campaigns

GET http://localhost:5000/api/campaigns

Params Authorization Headers (9) Body Scripts Settings

Headers 7 hidden

	Key	Value	Description	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	Cookie	connect.sid=s%3ASo9vPI78IG8ZL6gVlbqpbOrCSLd7O...				
<input checked="" type="checkbox"/>	x-user-id	64f8c2e2a123456789abcdef				
	Key	Value	Description			

Body Cookies Headers (9) Test Results 200 OK • 168 ms • 8.18 KB Save Response

JSON Preview Visualize

```
1 {
2   "campaigns": [
3     {
4       "stats": {
5         "audienceSize": 1,
6         "sent": 1,
7         "failed": 0
8       },
9       "_id": "68c866bac6c96c40f9243b13",
10      "ownerId": "68c155b8d2725e9645cab405",
11      "campaignName": "Summer Promo",
12      "rules": {
13        "logic": "AND",
14        "rules": [
15          {
16            "field": "lifetimeSpend",
17            "operator": ">",
18            "value": 1000
```