

CustomerAPI with Swagger:

createCustomer:

Customers

POST

/api/customers

Creates a new customer object

API for adding new customer objects

Parameters

Cancel

Reset

No parameters

Request body

application/json

Customer information

```
{  "firstName": "Jim",  "lastName": "Hawkins",  "userName": "jhawk01"}  
```

Execute

Clear

Responses

Curl

```
curl -X 'POST' \  'http://localhost:3000/api/customers' \  -H 'accept: */*' \  -H 'Content-Type: application/json' \  -d '{  "firstName": "Jim",  "lastName": "Hawkins",  "userName": "jhawk01"}'
```

Request URL

```
http://localhost:3000/api/customers
```

Server response

Code

Details

200

Response body

```
{  "_id": "64a617d85df0a925e8ab5a2",  "firstName": "Jim",  "lastName": "Hawkins",  "userName": "jhawk01",  "invoices": [],  "__v": 0}
```

Download

Response headers

```
connection: keep-alive  content-length: 116  content-type: application/json; charset=utf-8  date: Thu, 06 Jul 2023 01:24:41 GMT  etag: W/"74-p5FXSYv6u9/PlBB2lACrXD/4dwa"  keep-alive: timeout=5  x-powered-by: Express
```

Responses

Code	Description	Links
200	Customer added to MongoDB	No links
500	Server Exception	No links
501	MongoDB Exception	No links

CustomerAPI with SoapUI:

createInvoiceByUserName

The screenshot shows the SoapUI interface for the `createInvoiceByUserName` endpoint. The left sidebar displays the project structure with `Project 1` containing `createInvoiceByUserName /api/customers/` and `Method 1`. The main window shows the request configuration for `Request 1` with the following details:

- Method:** POST
- Endpoint:** `http://localhost:3000`
- Resource:** `/api/customers/{userName}/invoices`
- Parameters:** (empty)

The request body is a JSON object:

```
{  "subtotal": 30.00,  "tax": 2.00,  "dateCreated": "2023-06-30",  "dateShipped": "2023-07-03",  "lineItems": [    {      "name": "notebook",      "price": 2.50,      "quantity": 4    },    {      "name": "pen pack",      "price": 4.00,      "quantity": 3    },    {      "name": "binder",      "price": 2.00,      "quantity": 4    }  ]}
```

The response is a JSON array of invoice objects:

```
[  {    "_id": "64a6180d5df0a925e80ab5a5",    "firstName": "Jhark01",    "lastName": "Hawkins",    "userName": "jhawk01",    "invoices": [      {        "_id": "64a6180d5df0a925e80ab5a5",        "name": "notebook",        "price": 2.5,        "quantity": 4      },      {        "_id": "64a6180d5df0a925e80ab5a7",        "name": "pen pack",        "price": 4,        "quantity": 3      },      {        "_id": "64a6180d5df0a925e80ab5a3",        "name": "binder",        "price": 2,        "quantity": 4      }    ]  }]
```

The bottom status bar indicates a response time of 139ms and 468 bytes.

findAllInvoicesByUserName

The screenshot shows the SoapUI interface for the `findAllInvoicesByUserName` endpoint. The left sidebar displays the project structure with `Project 1` containing `createInvoiceByUserName /api/customers/{userName}` and `Method 1`. The main window shows the request configuration for `Request 1` with the following details:

- Method:** GET
- Endpoint:** `http://localhost:3000`
- Resource:** `/api/customers/{userName}/invoices`
- Parameters:** (empty)

The response is a JSON array of invoice objects:

```
[  {    "_id": "64a617085df0a925e80ab5a2",    "firstName": "Jhark01",    "lastName": "Hawkins",    "userName": "jhawk01",    "invoices": [      {        "_id": "64a6180d5df0a925e80ab5a5",        "name": "notebook",        "price": 2.5,        "quantity": 4      },      {        "_id": "64a6180d5df0a925e80ab5a7",        "name": "pen pack",        "price": 4,        "quantity": 3      },      {        "_id": "64a6180d5df0a925e80ab5a3",        "name": "binder",        "price": 2,        "quantity": 4      }    ]  },  {    "_id": "64a61a2bfb330b1cf4a7fdf9",    "firstName": "Jhark01",    "lastName": "Hawkins",    "userName": "jhawk01",    "invoices": [      {        "_id": "64a61a2bfb330b1cf4a7fdf9",        "name": "pencil 12-pk",        "price": 1.1,        "quantity": 9      }    ]  }]
```

The bottom status bar indicates a response time of 56ms and 674 bytes.

