

Sale Sys (c)

An API that manages customers, products and sales.

Software Verification and Validation (<https://ciencias.ulisboa.pt/pt/oferta-formativa-sinopse/201516/425159-verificacao-e-validacao-de-software>)

Master of Science in Computer Engineering (<https://ciencias.ulisboa.pt/pt/ensino-7/curso/mestrado/engenharia-informatica>)

University of Lisbon (<http://ulisboa.pt>)

Faculty of Sciences (<http://ciencias.ulisboa.pt>)

Department of Informatics (<http://di.ciencias.ulisboa.pt>)

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Paths List all operations

/

GET /

Description

Returns the services available at Sale Sys

Responses

Code	Description	Schema
200	Successful operation	\Leftrightarrow <pre>▼ SaleSys { link: ▶ [] productInfo: ▶ { } }</pre>

Try this operation

/customers

GET /customers

Description

Returns all customers that have been added to the system

Responses

Code	Description	Schema
200	Sucessful operation	<div><div>↔</div><div><div>▼ CustomersData {</div><div>meta: ▶ Meta { }</div><div>objects: ▶ []</div><div>}</div></div></div>

[Try this operation](#)

POST /customers

Description

Creates a new customer in the system. Duplicates with the same VAT number are not allowed

Parameters

Name	Located in	Description	Required	Schema
customer body		Customer to add to the system	Yes	<div><div>↔</div><div><div>▼ NewCustomer {</div><div>vat: ▶ integer</div><div>denomination: ▶ string</div><div>phoneNumber: ▶ integer</div><div>discountType: ▶ integer</div><div>}</div></div></div>

Responses

Code	Description
201	Customer created
404	Invalid input
412	Duplicated VAT

[Try this operation](#)

/customers/{id}

GET /customers/{id}

Description

Returns a customer based on an ID

Parameters

Name	Located in	Description	Required	Schema
id	path	ID of customer to fetch	Yes	\Rightarrow integer

Responses

Code	Description	Schema
200	Customer response	\Rightarrow <pre>▼ Customer { vatNumber: integer id: integer href: string designation: string }</pre>

Try this operation

DELETE /customers/{id}

Description

deletes a customer pet based on the ID supplied

Parameters

Name	Located in	Description	Required	Schema
id	path	ID of customer to delete	Yes	\Rightarrow integer

Responses

Code	Description
200	Customer deleted
404	The supplied ID does not match any customer in the system

Try this operation

Models

CustomersData

```
▼ CustomersData {  
  meta: ▶ Meta { }  
  objects: ▶ []  
}
```

Meta

```
▼ Meta {  
  previousPage: string  
  currentPageNumber: integer  
  nextPage: string  
  pageSize: integer  
  totalCount: integer  
}
```

Customer

```
▼ Customer {  
  vatNumber: integer  
  id: integer  
  href: string  
  designation: string  
}
```

NewCustomer

```
▼ NewCustomer {  
  vat: integer  
  denomination: string  
  phoneNumber: integer  
  discountType: integer  
}
```

SaleSys

```
▼ SaleSys {  
  link: ▶ []  
  productInfo: ▶ { }  
}
```

Link

```
▼ Link {
```

```
⇒  rel:  string  
    href: string  
    }
```