Computer's Science

Career: Information Technology Engineering

Modality: Online

URI Layout

Team3 DevSolutions

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Subject:

Web Applications Development

NRC: 8516

Tutor: Edison Lascano.

URI Layout

Product

Method	post
URI	http://34.125.121.4:3003/iSoftware/addProduct

Body	{
	    "_id": "63e3c4e4c8c1b5f019908755",
	    "id_product": "100C",
	    "name_product": "Red ",
	    "brand": "Dell",
	    "model": "Quasad",
	    "stock": 10,
	    "dealerPrice": 50,
	    "subtotal": 800,
	    "total_iva": 896.0000000000001,
	    "total_profit": 7500,
	    "__v": 0
	}

Format	Json
Return	Status: 200 OK
Description	The following URL allows you to add a new product, but also allows you to calculate the total profit, thanks to having the stock and the distributor price, in order to perform an automatic calculation

Method	get
URI	http://34.125.121.4:3003/iSoftware/listProducts
Body	id_product: ID of product
Format	Json
Return	

	{
	  "_id": "63e3c4e4c8c1b5f019908755",
	  "id_product": "100C",
	  "name_product": "Red ",
	  "brand": "Dell",
	  "model": "Quasad",
	  "stock": 10,
	  "dealerPrice": 50,
	  "subtotal": 800,
	  "total_iva": 896.0000000000001,
	  "total_profit": 7500,
	  "__v": 0
	}

Description	The following URL allows you to obtain all the products that are stored in the DB

Method	**get**
URI	http://34.125.121.4:3003/iSoftware/searchProducts?id_product=${idProduct}
Body	id_product: ID of product
Format	**Json**

Return	{
	  "_id": "63e3c4e4c8c1b5f019908755",
	  "id_product": "100C",
	  "name_product": "Red ",
	  "brand": "Dell",
	  "model": "Quasad",
	  "stock": 10,
	  "dealerPrice": 50,
	  "subtotal": 800,
	  "total_iva": 896.0000000000001,
	  "total_profit": 7500,
	  "__v": 0
	}

Description	The following Url allows search the unique user with unique id and identificator

Method	put
URI	http://34.125.121.4:3003/iSoftware/updateProduct?id_product=${idProduct}
Body	id_product: ID of product
Format	Json

Return	Status: 200 OK
	
	{
	  "_id": "63e3c4e4c8c1b5f019908755",
	  "id_product": "100C",
	  "name_product": "Red ",
	  "brand": "Dell",
	  "model": "Quasad",
	  "stock": 10,
	  "dealerPrice": 50,
	  "subtotal": 800,
	  "total_iva": 896.0000000000001,
	  "total_profit": 7500,
	  "__v": 0
	}

Description	The following Url allows updating the unique product with unique id, and changing its content.

Method	delete
URI	http://34.125.121.4:3003/iSoftware/deleteProduct?id_product=${idProduct}
Body	id_product: { type: String }
Format	Json
Return	res.send(`Product with id ${id} deleted`);
Description	The following Url allows you to delete the only product with unique id, and remove it from the database

User

Method	post
URI	http://34.125.121.4:3003/iSoftware/addUser

Body	
| | ```json
"_id": "63e32e47d59c419d13b3d131",
"id_user": "1000U",
"identification": "1713285869",
"name_user": "Esteban",
"lastname_user": "Loachamin",
"address": "Sangolqui",
"phone": 962099858,
"password": "tibimathy2002",
"__v": 0
``` |
Format	**Json**
Return	Status: 200 OK
Description	The following URL allows you to add a new user.

Method	**get**
URI	http://34.125.121.4:3003/iSoftware/listUsers
Body	id_user: ID of User
Format	**Json**
| **Return** | ```json
"_id": "63e32e47d59c419d13b3d131",
"id_user": "1000U",
"identification": "1713285869",
"name_user": "Esteban",
"lastname_user": "Loachamin",
"address": "Sangolqui",
"phone": 962099858,
"password": "tibimathy2002",
"__v": 0
``` |
| **Description** | The following URL allows you to obtain all the users that are stored in the DB |

Method	**get**
URI	http://34.125.121.4:3003/iSoftware/searchUsers?id_user=${idUser}& identification =${ Identification }
Body	id_user: ID of user
Format	**Json**

Return	
	"_id": "63e32e47d59c419d13b3d131", "id_user": "1000U", "identification": "1713285869", "name_user": "Esteban", "lastname_user": "Loachamin", "address": "Sangolqui", "phone": 962099858, "password": "tibimathy2002", "__v": 0 Status: 200 OK
Description	The following Url allows search the unique user with unique id

Method	get
URI	http://34.125.121.4:3003/iSoftware/searchUsers?id_user=${idUser}
Body	id_user: ID of user
Format	Json
Return	"_id": "63e32e47d59c419d13b3d131", "id_user": "1000U", "identification": "1713285869", "name_user": "Esteban", "lastname_user": "Loachamin", "address": "Sangolqui", "phone": 962099858, "password": "tibimathy2002", "__v": 0 Status: 200 OK
Description	The following Url allows search the unique user with unique id

Method	put
URI	http://34.125.121.4:3003/iSoftware/updateUser?id_user=${idUser}
Body	id_user: ID of user
Format	Json

| **Return** | ```
"_id": "63e32e47d59c419d13b3d131",
"id_user": "1000U",
"identification": "1713285869",
"name_user": "Esteban",
"lastname_user": "Loachamin",
"address": "Sangolqui",
"phone": 962099858,
"password": "tibimathy2002",
"__v": 0

            Status: 200 OK
``` |
| **Description** | The following Url allows updating the unique user with unique id, and changing its content. |

Method	delete
URI	http://34.125.121.4:3003/iSoftware/deleteUser?id_user=${idUser}
Body	id_user: { type: String }
Format	**Json**
Return	res.send(`User with id ${id} deleted`);
Description	The following Url allows you to delete the only user with unique id, and remove it from the database

Order

Method	post
URI	http://34.125.121.4:3003/iSoftware/addOrder
| **Body** | ```
"_id": "639116e106af2b35636b38e2",
"id_order": "20",
"id_product": "1002P",
"id_user": "2C",
"id_invoice": "3F",
"amount": "3",
"total_order": 2589,
"apply_discount": "Si",
"discount_value": 25,
"discount_price": 647.25,
"__v": 0
``` |

Format	Json
Return	Status: 200 OK
Description	The following URL allows you to add a new order, but also allows you to calculate the discount price, thanks to having the porcent in order to perform an automatic calculation

Method	get
URI	http://34.125.121.4:3003/iSoftware/listOrders
Body	**id_order**: ID of order
Format	Json
Return	<pre>"_id": "639116e106af2b35636b38e2",
"id_order": "20",
"id_product": "1002P",
"id_user": "2C",
"id_invoice": "3F",
"amount": "3",
"total_order": 2589,
"apply_discount": "Si",
"discount_value": 25,
"discount_price": 647.25,
"__v": 0</pre>
Description	The following URL allows you to obtain all the products that are stored in the DB

Method	get
URI	http://34.125.121.4:3003/iSoftware/searchOrdes?id_order=${idOrder}
Body	id_order: ID of order
Format	Json

Return	
	``json
"_id": "639116e106af2b35636b38e2",
"id_order": "20",
"id_product": "1002P",
"id_user": "2C",
"id_invoice": "3F",
"amount": "3",
"total_order": 2589,
"apply_discount": "Si",
"discount_value": 25,
"discount_price": 647.25,
"__v": 0
```
Status: 200 OK |
| Description | The following Url allows search the unique order with unique id |


| Method | put |
|---|---|
| URI | http://34.125.121.4:3003/iSoftware/updateOrder?id_order=${idOrder} |
| Body | id_order: ID of order |
| Format | Json |
| Return | Status: 200 OK<br><br>```json
"_id": "639116e106af2b35636b38e2",
"id_order": "20",
"id_product": "1002P",
"id_user": "2C",
"id_invoice": "3F",
"amount": "3",
"total_order": 2589,
"apply_discount": "Si",
"discount_value": 25,
"discount_price": 647.25,
"__v": 0
``` |
| Description | The following Url allows updating the unique order with unique id, and changing its content. |

Method	delete
URI	http://34.125.121.4:3003/iSoftware/deleteOrder?id_order=${idOrder}

Body	
	id_order: { type: String }
Format	**Json**
Return	res.send(`Order with id ${id} deleted`);
Description	The following Url allows you to delete the only Order with unique id, and remove it from the database

Invoice

Method	post
URI	http://34.125.121.4:3003/iSoftware/addInvoice
Body	"_id": "63e3301d96744ccb6d773699", "id_invoice": "1000I", "id_user": "1000U", "date": "2023-08-02T05:00:00.000Z", "subtotal": 50, "iva_twelve": 56.00000000000001, "iva_ten": 55.00000000000001, "__v": 0
Format	**Json**
Return	Status: 200 OK
Description	The following URL allows you to add a new invoice, but also allows you to calculate the final price with VAT corresponding to 12% VAT and another price with 10%

Method	get
URI	http://34.125.121.4:3003/iSoftware/listOrders
Body	**id_invoice**: ID of invoice
Format	**Json**
Return	"_id": "63e3301d96744ccb6d773699", "id_invoice": "1000I", "id_user": "1000U", "date": "2023-08-02T05:00:00.000Z", "subtotal": 50, "iva_twelve": 56.00000000000001, "iva_ten": 55.00000000000001, "__v": 0

Description	The following URL allows you to obtain all the invoices that are stored in the DB

Method	get
URI	http://34.125.121.4:3003/iSoftware/searchInvoices?id_invoice=${idInvoices}
Body	id_invoice: ID of invoice
Format	Json
Return	 "_id": "63e3301d96744ccb6d773699", "id_invoice": "1000I", "id_user": "1000U", "date": "2023-08-02T05:00:00.000Z", "subtotal": 50, "iva_twelve": 56.00000000000001, "iva_ten": 55.00000000000001, "__v": 0 Status: 200 OK
Description	The following Url allows search the unique invoice with unique id

Method	put
URI	http://34.125.121.4:3003/iSoftware/updateInoive?id_invoice=${idIvoice}
Body	id_order: ID of order
Format	Json
Return	Status: 200 OK "_id": "63e3301d96744ccb6d773699", "id_invoice": "1000I", "id_user": "1000U", "date": "2023-08-02T05:00:00.000Z", "subtotal": 50, "iva_twelve": 56.00000000000001, "iva_ten": 55.00000000000001, "__v": 0
Description	The following Url allows updating the unique invoice with unique id, and changing its content.

Method	delete
URI	http://34.125.121.4:3003/iSoftware/deleteinvoice?id_invoice=${idInvoice}
Body	id_invoice: { type: String }
Format	Json
Return	res.send(`Invoice with id ${id} deleted`);
Description	The following Url allows you to delete the only invoice with unique id, and remove it from the database

Distributor

Method	post
URI	http://34.125.121.4:3003/iSoftware/addDistributor
Body	"_id": "63e33e0ae4d39019931620c9", "id_distributor": "1000D", "ruc_distributor": "1725869841001", "name_distributor": "Mega Tech", "id_product": "1000P", "dealerPrice": 50, "subtotal": 55, "unit_profit": 5, "__v": 0
Format	Json
Return	Status: 200 OK
Description	The following URL allows you to add a new distributor, but also allows you to calculate the unit profit, thanks to having the subtotal and de Dealer price in order to perform an automatic calculation

Method	get
URI	http://34.125.121.4:3003/iSoftware/listOrders
Body	id_distributor: ID of distributor
Format	Json
Return	

```
"_id": "63e33e0ae4d39019931620c9",
"id_distributor": "1000D",
"ruc_distributor": "1725869841001",
"name_distributor": "Mega Tech",
"id_product": "1000P",
"dealerPrice": 50,
"subtotal": 55,
"unit_profit": 5,
"__v": 0
```

Description	The following URL allows you to obtain all the distributors that are stored in the DB

Method	get
URI	http://34.125.121.4:3003/iSoftware/searchDistributors?id_distributor=${idDistributor}
Body	id_order: ID of order
Format	Json

Return	`"_id": "63e33e0ae4d39019931620c9",`
	`"id_distributor": "1000D",`
	`"ruc_distributor": "1725869841001",`
	`"name_distributor": "Mega Tech",`
	`"id_product": "1000P",`
	`"dealerPrice": 50,`
	`"subtotal": 55,`
	`"unit_profit": 5,`
	`"__v": 0`
	Status: 200 OK

Description	The following Url allows search the unique distributor with unique id

Method	put
URI	http://34.125.121.4:3003/iSoftware/updateDistributor?id_distributor=${idDistributor}
Body	id_distributor: ID of distributor
Format	Json
Return	Status: 200 OK

```
"_id": "63e33e0ae4d39019931620c9",
"id_distributor": "1000D",
"ruc_distributor": "1725869841001",
"name_distributor": "Mega Tech",
"id_product": "1000P",
"dealerPrice": 50,
"subtotal": 55,
"unit_profit": 5,
"__v": 0
```

Descripti on	The following Url allows updating the unique distributor with unique id, and changing its content.

Method	delete
URI	http://34.125.121.4:3003/iSoftware/deleteDistributor?id_distributor=$ {idDistributor}
Body	id_distributor: { type: String }
Format	**Json**
Return	res.send(`Distributor with id ${id} deleted`);
Description	The following Url allows you to delete the only distributor with unique id, and remove it from the database