Projeto: Sistema Gerenciador de Comércios

Documento de APIs

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Provider

Register

Method	POST
Uri	/providers/
Query string -Allowed values	-

Body(Request)	{
	　　　　"name": "Cebolas Inc",
	　　　　"cnpj" : "28.338.875/0001-17",
	　　　　"phones" : ["(61)99876-3272"],
	　　　　"email" : "cebolas@mail.com",
	　　　　"description" : "Fornecedor de cebolas"
	}

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"}, {"code" : "500", "message" : "Internal server error"}, {"code" : "505","message" : "HTTP Version Not Supported"}

Update

Method	PUT
Uri	/providers/
Query string -Allowed values	-

Body(Request)	{
	　　　　"_id" : "507f1f77bcf86cd799439011",
	　　　　"name": "Cebolas Inc",
	　　　　"cnpj" : "28.338.875/0001-17",
	　　　　"phones" : ["(61)99876-3272"],
	　　　　"email" : "cebolas@mail.com",
	　　　　"description" : "Fornecedor de cebolas"
	}

Body(Response)	{"code" : "200", "message" : "Ok"},
	{"code" : "400", "message" : "Bad request"},
	{"code" : "405", "message" : "Method not allowed"},
	{"code" : "404","message" : "Object not found"},
	{"code" : "500", "message" : "Internal server error"},
	{"code" : "505","message" : "HTTP Version Not Supported"}

Delete

Method	PUT
Uri	/providers/delete/
Query string -Allowed values	-
Body(Request)	{
	"_id" : "507f1f77bcf86cd799439011"
	}
Body(Response)	{"code" : "200", "message" : "Ok"},
	{"code" : "400", "message" : "Bad request"},
	{"code" : "405", "message" : "Method not allowed"},
	{"code" : "404","message" : "Object not found"},
	{"code" : "500", "message" : "Internal server error"},
	{"code" : "505","message" : "HTTP Version Not Supported"}

Search

Method	GET
Uri	/providers/
Query string -Allowed values	_id, name, cnpj, phones, email, description
Body(Request)	-
Body(Response)	[{
	"_id" : "507f1f77bcf86cd799439011",
	"name": "Cebolas Inc",
	"cnpj" : "28.338.875/0001-17",
	"phones" : ["(61)99876-3272"],
	"email" : "cebolas@mail.com",
	"description" : "Fornecedor de cebolas"
	}],
	{"code" : "400", "message" : "Bad request"},
	{"code" : "405", "message" : "Method not allowed"},
	{"code" : "500", "message" : "Internal server error"},
	{"code" : "505","message" : "HTTP Version Not Supported"}

Employee

Register

Method	POST
Uri	/employees/
Query string -Allowed values	-

Body(Request)	{
	        "name" : "João da Silva",
	        "cpf" : "941.277.330-71",
	        "phones" : ["(61)99645-8282"],
	        "email" : "joao@mlkdoido.com",
	        "birthdate" : "1990-01-01",
	        "role" : {
	                "name" : "Caixa",
	                "description" : "Funcionário que opera o caixa",
	                "salary" : 1200
	        }
	}

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"}, {"code" : "500", "message" : "Internal server error"}, {"code" : "505","message" : "HTTP Version Not Supported"}

Update

Method	PUT
Uri	/employees/
Query string -Allowed values	-

Body(Request)	{
	        "_id" : "507f1f77bcf86cd799439011",
	        "name" : "João da Silva",
	        "cpf" : "941.277.330-71",
	        "phones" : ["(61)99645-8282"],
	        "email" : "joao@mlkdoido.com",
	        "birthdate" : "1990-01-01",
	        "role" : {
	                "name" : "Caixa",
	                "description" : "Funcionário que opera o caixa",
	                "salary" : 1200
	        }
	}

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"}, {"code" : "404","message" : "Object not found"}, {"code" : "500", "message" : "Internal server error"},

	{"code" : "505","message" : "HTTP Version Not Supported"}

Delete

Method	PUT
Uri	/employees/delete/
Query string -Allowed values	-

Body(Request)	{
	        "_id" : "507f1f77bcf86cd799439011"
	 }

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"}, {"code" : "404","message" : "Object not found"}, {"code" : "500", "message" : "Internal server error"}, {"code" : "505","message" : "HTTP Version Not Supported"}

Search

Method	GET
Uri	/employees/
Query string -Allowed values	_id, name, cpf, phones, email, birthdate, role.name, role.description, role.salary
Body(Request)	-

Body(Response)	[{
	        "_id" : "507f1f77bcf86cd799439011",
	        "name" : "João da Silva",
	        "cpf" : "941.277.330-71",
	        "phones" : ["(61)99645-8282"],
	        "email" : "joao@mlkdoido.com",
	        "birthdate" : "1990-01-01",
	        "role" : {
	                "name" : "Caixa",
	                "description" : "Funcionário que opera o caixa",
	                "salary" : 1200
	        }
	}],
	{"code" : "400", "message" : "Bad request"},
	{"code" : "405", "message" : "Method not allowed"},
	{"code" : "500", "message" : "Internal server error"},
	{"code" : "505","message" : "HTTP Version Not Supported"}

Product

Register

Method	POST
Uri	/products/
Query string -Allowed values	-

Body(Request)	{
	       "name" : "Cebola roxa",
	       "description" : "Cebola roxa do Himalaia",
	       "purchaseprice" : "2.0",
	       "saleprice" : "3.0",
	       "measure" : "Quilo",
	       "section" : {
	            "name" : "Hortifruti",
	            "description" : "Seção de frutas, verduras e legumes"
	       },
	       "provider" : {
	            "name": "Cebolas Inc",
	            "cnpj" : "28.338.875/0001-17",
	            "phones" : ["(61)99876-3272"],
	            "email" : "cebolas@mail.com",
	            "description" : "Fornecedor de cebolas"
	       },
	       "currentstock" : 10
	}

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"}, {"code" : "500", "message" : "Internal server error"}, {"code" : "505","message" : "HTTP Version Not Supported"}

Update

Method	PUT
Uri	/products/
Query string -Allowed values	-

Body(Request)	{
	       "_id" : "507f1f77bcf86cd799439011",
	       "name" : "Cebola roxa",
	       "description" : "Cebola roxa do Himalaia",
	       "purchaseprice" : "2.0",
	       "saleprice" : "3.0",
	       "measure" : "Quilo",
	       "section" : {
	            "name" : "Hortifruti",
	            "description" : "Seção de frutas, verduras e legumes"

	},
	"provider" : {
	    "name": "Cebolas Inc",
	    "cnpj" : "28.338.875/0001-17",
	    "phones" : ["(61)99876-3272"],
	    "email" : "cebolas@mail.com",
	    "description" : "Fornecedor de cebolas"
	},
	"currentstock" : 10
	}

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"}, {"code" : "404","message" : "Object not found"}, {"code" : "500", "message" : "Internal server error"}, {"code" : "505","message" : "HTTP Version Not Supported"}

Delete

Method	PUT
Uri	/products/delete/
Query string -Allowed values	-

Body(Request)	{
	    "_id" : "507f1f77bcf86cd799439011"
	}

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"}, {"code" : "404","message" : "Object not found"}, {"code" : "500", "message" : "Internal server error"}, {"code" : "505","message" : "HTTP Version Not Supported"}

Search

Method	GET
Uri	/products/
Query string -Allowed values	_id, name, description, purchaseprice, saleprice, measure, currentstock section.name, section.description provider.name, provider.cnpj, provider.phones, provider.email, provider.description
Body(Request)	-

Body(Response)	[{
	    "_id" : "507f1f77bcf86cd799439011",
	    "name" : "Cebola roxa",
	    "description" : "Cebola roxa do Himalaia",
	    "purchaseprice" : "2.0",
	    "saleprice" : "3.0",

                "measure" : "Quilo",
                "section" : {
                        "name" : "Hortifruti",
                        "description" : "Seção de frutas, verduras e legumes"
                },
                "provider" : {
                        "name": "Cebolas Inc",
                        "cnpj" : "28.338.875/0001-17",
                        "phones" : ["(61)99876-3272"],
                        "email" : "cebolas@mail.com",
                        "description" : "Fornecedor de cebolas"
                },
                "currentstock" : 10
}],

{"code" : "400", "message" : "Bad request"},
{"code" : "405", "message" : "Method not allowed"},
{"code" : "500", "message" : "Internal server error"},
{"code" : "505","message" : "HTTP Version Not Supported"}

User

Register

Method	POST
Uri	/users/
Query string -Allowed values	-

Body(Request)	{
	    "employee" : {
	        "name" : "João da Silva",
	        "cpf" : "941.277.330-71",
	        "phones" : ["(61)99645-8282"],
	        "email" : "joao@mlkdoido.com",
	        "birthdate" : "1990-01-01",
	        "role" : {
	            "name" : "Caixa",
	            "description" : "Funcionário que opera o caixa",
	            "salary" : 1200
	        }
	    },
	    "usertype" : "admin",
	    "password" : "3k9sjig787wt86hue3"
	}

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"},

	{"code" : "405", "message" : "Method not allowed"},
	{"code" : "500", "message" : "Internal server error"},
	{"code" : "505","message" : "HTTP Version Not Supported"}

Update

Method	PUT
Uri	/users/
Query string -Allowed values	-

Body(Request)	{
	        "_id" : "507f1f77bcf86cd799439011",
	        "employee" : {
	                "name" : "João da Silva",
	                "cpf" : "941.277.330-71",
	                "phones" : ["(61)99645-8282"],
	                "email" : "joao@mlkdoido.com",
	                "birthdate" : "1990-01-01",
	                "role" : {
	                        "name" : "Caixa",
	                        "description" : "Funcionário que opera o caixa",
	                        "salary" : 1200
	                }
	        },
	        "usertype" : "admin",
	        "password" : "3k9sjig787wt86hue3"
	}

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"}, {"code" : "404","message" : "Object not found"}, {"code" : "500", "message" : "Internal server error"}, {"code" : "505","message" : "HTTP Version Not Supported"}

Delete

Method	PUT
Uri	/users/delete/
Query string -Allowed values	-

Body(Request)	{
	        "_id" : "507f1f77bcf86cd799439011"
	}

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"}, {"code" : "404","message" : "Object not found"}, {"code" : "500", "message" : "Internal server error"}, {"code" : "505","message" : "HTTP Version Not Supported"}

Search

Method	**GET**
Uri	/users/
Query string -Allowed values	_id, usertype, employee.name, employee.cpf, employee.phones, employee.email, employee.birthdate, employee.role.name, employee.role.description, employee.salary
Body(Request)	-

Body(Response)	[{
	        "employee" : {
	                "name" : "João da Silva",
	                "cpf" : "941.277.330-71",
	                "phones" : ["(61)99645-8282"],
	                "email" : "joao@mlkdoido.com",
	                "birthdate" : "1990-01-01",
	                "role" : {
	                        "name" : "Caixa",
	                        "description" : "Funcionário que opera o caixa",
	                        "salary" : 1200
	                }
	        },
	        "usertype" : "admin"
	}],
	
	{"code" : "400", "message" : "Bad request"},
	{"code" : "405", "message" : "Method not allowed"},
	{"code" : "500", "message" : "Internal server error"},
	{"code" : "505","message" : "HTTP Version Not Supported"}

Role

Register

Method	**POST**
Uri	/roles/
Query string -Allowed values	-

Body(Request)	{
	        "name" : "Caixa",
	        "description" : "Funcionário que opera o caixa",
	        "salary" : 1200
	}

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"}, {"code" : "500", "message" : "Internal server error"}, {"code" : "505","message" : "HTTP Version Not Supported"}

Update

Method	PUT
Uri	/roles/
Query string -Allowed values	-

Body(Request)	{
	     "_id" : "507f1f77bcf86cd799439011",
	     "name" : "Caixa",
	     "description" : "Funcionário que opera o caixa",
	     "salary" : 1200
	}

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"}, {"code" : "404","message" : "Object not found"}, {"code" : "500", "message" : "Internal server error"}, {"code" : "505","message" : "HTTP Version Not Supported"}

Delete

Method	PUT
Uri	/roles/delete/
Query string -Allowed values	-

Body(Request)	{
	     "_id" : "507f1f77bcf86cd799439011"
	}

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"}, {"code" : "404","message" : "Object not found"}, {"code" : "500", "message" : "Internal server error"}, {"code" : "505","message" : "HTTP Version Not Supported"}

Search

Method	GET
Uri	/roles/
Query string -Allowed values	_id, name, description, salary

Body(Request)	-

Body(Response)	[{
	        "_id" : "507f1f77bcf86cd799439011",
	        "name" : "Caixa",
	        "description" : "Funcionário que opera o caixa",
	        "salary" : 1200
	}],
	
	{"code" : "400", "message" : "Bad request"},
	{"code" : "405", "message" : "Method not allowed"},
	{"code" : "500", "message" : "Internal server error"},
	{"code" : "505","message" : "HTTP Version Not Supported"}

Section

Register

Method	POST
Uri	/sections/
Query string -Allowed values	-

Body(Request)	{
	        "name" : "Hortifruti",
	        "description" : "Seção de frutas, verduras e legumes"
	}

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"}, {"code" : "500", "message" : "Internal server error"}, {"code" : "505","message" : "HTTP Version Not Supported"}

Update

Method	PUT
Uri	/sections/
Query string -Allowed values	-

Body(Request)	{
	        "_id" : "507f1f77bcf86cd799439011",
	        "name" : "Hortifruti",
	        "description" : "Seção de frutas, verduras e legumes"
	}

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"},

	{"code" : "404","message" : "Object not found"}, {"code" : "500", "message" : "Internal server error"}, {"code" : "505","message" : "HTTP Version Not Supported"}

Delete

Method	PUT
Uri	/sections/delete/
Query string -Allowed values	-

Body(Request)	{
	        "_id" : "507f1f77bcf86cd799439011"
	 }

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"}, {"code" : "404","message" : "Object not found"}, {"code" : "500", "message" : "Internal server error"}, {"code" : "505","message" : "HTTP Version Not Supported"}

Search

Method	GET
Uri	/sections/
Query string -Allowed values	_id, name, description
Body(Request)	-

Body(Response)	[{
	        "_id" : "507f1f77bcf86cd799439011",
	        "name" : "Hortifruti",
	        "description" : "Seção de frutas, verduras e legumes"
	}],
	
	{"code" : "400", "message" : "Bad request"},
	{"code" : "405", "message" : "Method not allowed"},
	{"code" : "500", "message" : "Internal server error"},
	{"code" : "505","message" : "HTTP Version Not Supported"}

Sale

Register

Method	POST
Uri	/sales/
Query string -Allowed values	-
Body(Request)	

```json
{
        "saleitems" : [
                {
                        "product" : {
                                "name" : "Cebola roxa",
                                "description" : "Cebola roxa do Himalaia",
                                "purchaseprice" : "2.0",
                                "saleprice" : "3.0",
                                "measure" : "Quilo",
                                "section" : {
                                        "name" : "Hortifruti",
                                        "description" : "Seção de frutas,
verduras e legumes"
                                },
                                "provider" : {
                                        "name": "Cebolas Inc",
                                        "cnpj" : "28.338.875/0001-17",
                                        "phones" : ["(61)99876-3272"],
                                        "email" : "cebolas@mail.com",
                                        "description" : "Fornecedor de
cebolas"
                                },
                                "currentstock" : 10
                        },
                        "quantity" : 5,
                        "totalvalue" : 15.0
                },
                {
                        "product" : {
                                "name" : "Cebola azul",
                                "description" : "Cebola azul do Triangulo
das Bermudas",
                                "purchaseprice" : "2.5",
                                "saleprice" : "3.5",
                                "measure" : "Quilo",
                                "section" : {
                                        "name" : "Hortifruti",
                                        "description" : "Seção de frutas,
verduras e legumes"
                                },
                                "provider" : {
                                        "name": "Cebolas Inc",
                                        "cnpj" : "28.338.875/0001-17",
                                        "phones" : ["(61)99876-3272"],
```

                                    "email" : "cebolas@mail.com",
                                    "description" : "Fornecedor de cebolas"
                                },
                                "currentstock" : 10
                            },
                            "quantity" : 2,
                            "totalvalue" : 7.0
                        }
                    ],
                    "totalprice" : 22.0,
                    "formofpayment" : "Debito",
                    "cashier" : {
                            "name" : "João da Silva",
                            "cpf" : "941.277.330-71",
                            "phones" : ["(61)99645-8282"],
                            "email" : "joao@mlkdoido.com",
                            "birthdate" : "1990-01-01",
                            "role" : {
                                    "name" : "Caixa",
                                    "description" : "Funcionário que opera o caixa",
                                    "salary" : 1200
                            }
                    }
                }

| Body(Response) | {"code" : "200", "message" : "Ok"},
{"code" : "400", "message" : "Bad request"},
{"code" : "405", "message" : "Method not allowed"},
{"code" : "500", "message" : "Internal server error"},
{"code" : "505","message" : "HTTP Version Not Supported"} |

Update

Method	PUT
Uri	/sales/
Query string -Allowed values	-

Body(Request)	{
	        "_id" : "507f1f77bcf86cd799439011",
	        "saleitems" : [
	                {
	                        "product" : {
	                                "name" : "Cebola roxa",
	                                "description" : "Cebola roxa do Himalaia",
	                                "purchaseprice" : "2.0",
	                                "saleprice" : "3.0",
	                                "measure" : "Quilo",
	                                "section" : {
	                                        "name" : "Hortifruti",
	                                        "description" : "Seção de frutas, verduras e legumes"

```
                                                                },
                                                                "provider" : {
                                                                        "name": "Cebolas Inc",
                                                                        "cnpj" : "28.338.875/0001-17",
                                                                        "phones" : ["(61)99876-3272"],
                                                                        "email" : "cebolas@mail.com",
                                                                        "description" : "Fornecedor de
cebolas"
                                                                },
                                                                "currentstock" : 10
                                                        },
                                                        "quantity" : 5,
                                                        "totalvalue" : 15.0
                                                },
                                                {
                                                        "product" : {
                                                                "name" : "Cebola azul",
                                                                "description" : "Cebola azul do Triangulo
das Bermudas",
                                                                "purchaseprice" : "2.5",
                                                                "saleprice" : "3.5",
                                                                "measure" : "Quilo",
                                                                "section" : {
                                                                        "name" : "Hortifruti",
                                                                        "description" : "Seção de frutas,
verduras e legumes"
                                                                },
                                                                "provider" : {
                                                                        "name": "Cebolas Inc",
                                                                        "cnpj" : "28.338.875/0001-17",
                                                                        "phones" : ["(61)99876-3272"],
                                                                        "email" : "cebolas@mail.com",
                                                                        "description" : "Fornecedor de
cebolas"
                                                                },
                                                                "currentstock" : 10
                                                        },
                                                        "quantity" : 2,
                                                        "totalvalue" : 7.0
                                                }
                                        ],
                                        "totalprice" : 22.0,
                                        "formofpayment" : "Debito",
                                        "cashier" : {
                                                "name" : "João da Silva",
                                                "cpf" : "941.277.330-71",
                                                "phones" : ["(61)99645-8282"],
                                                "email" : "joao@mlkdoido.com",
                                                "birthdate" : "1990-01-01",
                                                "role" : {
                                                        "name" : "Caixa",
                                                        "description" : "Funcionário que opera o caixa",
```

	"salary" : 1200
	                    }
	               }
	        }

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"}, {"code" : "404","message" : "Object not found"}, {"code" : "500", "message" : "Internal server error"}, {"code" : "505","message" : "HTTP Version Not Supported"}

Delete

Method	PUT
Uri	/sales/delete/
Query string -Allowed values	-

Body(Request)	{
	        "_id" : "507f1f77bcf86cd799439011"
	 }

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"}, {"code" : "404","message" : "Object not found"}, {"code" : "500", "message" : "Internal server error"}, {"code" : "505","message" : "HTTP Version Not Supported"}

Search

Method	GET
Uri	/sales/
Query string -Allowed values	_id, timestamp, totalprice, formofpayment, cashier.name, cashier.cpf, cashier.phones, cashier.email, cashier.birthdate, cashier.role.name, saleitems.quantity, saleitems.totalvalue, saleitems.product.name, saleitems.product.purchaseprice, saleitems.product.saleprice, saleitems.product.measure, saleitems.product.section.name, saleitems.product.section.description, saleitems.product.provider.name, saleitems.product.provider.cnpj, saleitems.product.provider.phones, saleitems.product.provider.email
Body(Request)	-

Body(Response)	[{
	        "_id" : "507f1f77bcf86cd799439011",
	        "timestamp" : "1507387925",

```
"saleitems" : [
    {
        "product" : {
            "name" : "Cebola roxa",
            "description" : "Cebola roxa do Himalaia",
            "purchaseprice" : "2.0",
            "saleprice" : "3.0",
            "measure" : "Quilo",
            "section" : {
                "name" : "Hortifruti",
                "description" : "Seção de frutas,
verduras e legumes"
            },
            "provider" : {
                "name": "Cebolas Inc",
                "cnpj" : "28.338.875/0001-17",
                "phones" : ["(61)99876-3272"],
                "email" : "cebolas@mail.com",
                "description" : "Fornecedor de
cebolas"
            },
            "currentstock" : 10
        },
        "quantity" : 5,
        "totalvalue" : 15.0
    },
    {
        "product" : {
            "name" : "Cebola azul",
            "description" : "Cebola azul do Triangulo
das Bermudas",
            "purchaseprice" : "2.5",
            "saleprice" : "3.5",
            "measure" : "Quilo",
            "section" : {
                "name" : "Hortifruti",
                "description" : "Seção de frutas,
verduras e legumes"
            },
            "provider" : {
                "name": "Cebolas Inc",
                "cnpj" : "28.338.875/0001-17",
                "phones" : ["(61)99876-3272"],
                "email" : "cebolas@mail.com",
                "description" : "Fornecedor de
cebolas"
            },
            "currentstock" : 10
        },
        "quantity" : 2,
        "totalvalue" : 7.0
    }
```

```
                ],
                "totalprice" : 22.0,
                "formofpayment" : "Debito",
                "cashier" : {
                        "name" : "João da Silva",
                        "cpf" : "941.277.330-71",
                        "phones" : ["(61)99645-8282"],
                        "email" : "joao@mlkdoido.com",
                        "birthdate" : "1990-01-01",
                        "role" : {
                                "name" : "Caixa",
                                "description" : "Funcionário que opera o caixa",
                                "salary" : 1200
                        }
                }
}],

{"code" : "400", "message" : "Bad request"},
{"code" : "405", "message" : "Method not allowed"},
{"code" : "500", "message" : "Internal server error"},
{"code" : "505","message" : "HTTP Version Not Supported"}
```

Purchase

Register

Method	POST
Uri	/purchases/
Query string -Allowed values	-

Body(Request)	{
	    "purchaseitems" : [
	        {
	            "product" : {
	                "name" : "Cebola roxa",
	                "description" : "Cebola roxa do Himalaia",
	                "purchaseprice" : "2.0",
	                "saleprice" : "3.0",
	                "measure" : "Quilo",
	                "section" : {
	                    "name" : "Hortifruti",
	                    "description" : "Seção de frutas, verduras e legumes"

```
                },
                "provider" : {
                        "name": "Cebolas Inc",
                        "cnpj" : "28.338.875/0001-17",
                        "phones" : ["(61)99876-3272"],
                        "email" : "cebolas@mail.com",
                        "description" : "Fornecedor de
cebolas"
                },
                "currentstock" : 10
            },
            "quantity" : 20,
            "totalvalue" : 40.0
        },
        {
            "product" : {
                "name" : "Cebola azul",
                "description" : "Cebola azul do Triangulo
das Bermudas",
                "purchaseprice" : "2.5",
                "saleprice" : "3.5",
                "measure" : "Quilo",
                "section" : {
                        "name" : "Hortifruti",
                        "description" : "Seção de frutas,
verduras e legumes"
                },
                "provider" : {
                        "name": "Cebolas Inc",
                        "cnpj" : "28.338.875/0001-17",
                        "phones" : ["(61)99876-3272"],
                        "email" : "cebolas@mail.com",
                        "description" : "Fornecedor de
cebolas"
                },
                "currentstock" : 10
            },
            "quantity" : 10,
            "totalvalue" : 25.0
        }
    ],
    "totalprice" : 65.0,
    "provider" : {
            "name": "Cebolas Inc",
            "cnpj" : "28.338.875/0001-17",
            "phones" : ["(61)99876-3272"],
            "email" : "cebolas@mail.com",
            "description" : "Fornecedor de cebolas"
    }
}
```

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"},

{"code" : "405", "message" : "Method not allowed"},
{"code" : "500", "message" : "Internal server error"},
{"code" : "505","message" : "HTTP Version Not Supported"}

Update

Method	PUT
Uri	/purchases/
Query string -Allowed values	-

Body(Request)	{
	 "_id" : "507f1f77bcf86cd799439011",
	 "purchaseitems" : [
	  {
	   "product" : {
	    "name" : "Cebola roxa",
	    "description" : "Cebola roxa do Himalaia",
	    "purchaseprice" : "2.0",
	    "saleprice" : "3.0",
	    "measure" : "Quilo",
	    "section" : {
	     "name" : "Hortifruti",
	     "description" : "Seção de frutas, verduras e legumes"
	    },
	    "provider" : {
	     "name": "Cebolas Inc",
	     "cnpj" : "28.338.875/0001-17",
	     "phones" : ["(61)99876-3272"],
	     "email" : "cebolas@mail.com",
	     "description" : "Fornecedor de cebolas"
	    },
	    "currentstock" : 10
	   },
	   "quantity" : 20,
	   "totalvalue" : 40.0
	  },
	  {
	   "product" : {
	    "name" : "Cebola azul",
	    "description" : "Cebola azul do Triangulo das Bermudas",
	    "purchaseprice" : "2.5",
	    "saleprice" : "3.5",
	    "measure" : "Quilo",
	    "section" : {
	     "name" : "Hortifruti",
	     "description" : "Seção de frutas, verduras e legumes"
	    },

```
                                        "provider" : {
                                                "name": "Cebolas Inc",
                                                "cnpj" : "28.338.875/0001-17",
                                                "phones" : ["(61)99876-3272"],
                                                "email" : "cebolas@mail.com",
                                                "description" : "Fornecedor de
cebolas"
                                        },
                                        "currentstock" : 10
                                },
                                "quantity" : 10,
                                "totalvalue" : 25.0
                        }
                ],
                "totalprice" : 65.0,
                "provider" : {
                        "name": "Cebolas Inc",
                        "cnpj" : "28.338.875/0001-17",
                        "phones" : ["(61)99876-3272"],
                        "email" : "cebolas@mail.com",
                        "description" : "Fornecedor de cebolas"
                }
        }
```

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"}, {"code" : "404","message" : "Object not found"}, {"code" : "500", "message" : "Internal server error"}, {"code" : "505","message" : "HTTP Version Not Supported"}

Delete

Method	PUT
Uri	/purchases/delete/
Query string -Allowed values	-

Body(Request)	{
	    "_id" : "507f1f77bcf86cd799439011"
	}

Body(Response)	{"code" : "200", "message" : "Ok"}, {"code" : "400", "message" : "Bad request"}, {"code" : "405", "message" : "Method not allowed"}, {"code" : "404","message" : "Object not found"}, {"code" : "500", "message" : "Internal server error"}, {"code" : "505","message" : "HTTP Version Not Supported"}

Search

Method	GET
Uri	/purchases/
Query string -Allowed values	_id, timestamp, totalprice, provider.name, provider.cnpj, provider.phones, provider.email, provider.description, purchaseitems.quantity, purchaseitems.totalvalue, purchaseitems.product.name, purchaseitems.product.description, purchaseitems.product.purchaseprice, purchaseitems.product.saleprice, purchaseitems.product.measure, purchaseitems.product.section.name, purchaseitems.product.section.description
Body(Request)	-

Body(Response)	[{
	        "_id" : "507f1f77bcf86cd799439011",
	        "timestamp" : "1507388837",
	        "purchaseitems" : [
	                {
	                        "product" : {
	                                "name" : "Cebola roxa",
	                                "description" : "Cebola roxa do Himalaia",
	                                "purchaseprice" : "2.0",
	                                "saleprice" : "3.0",
	                                "measure" : "Quilo",
	                                "section" : {
	                                        "name" : "Hortifruti",
	                                        "description" : "Seção de frutas, verduras e legumes"
	                                },
	                                "provider" : {
	                                        "name": "Cebolas Inc",
	                                        "cnpj" : "28.338.875/0001-17",
	                                        "phones" : ["(61)99876-3272"],
	                                        "email" : "cebolas@mail.com",
	                                        "description" : "Fornecedor de cebolas"
	                                },
	                                "currentstock" : 10
	                        },
	                        "quantity" : 20,
	                        "totalvalue" : 40.0
	                },
	                {
	                        "product" : {

```
                                        "name" : "Cebola azul",
                                        "description" : "Cebola azul do Triangulo
das Bermudas",
                                        "purchaseprice" : "2.5",
                                        "saleprice" : "3.5",
                                        "measure" : "Quilo",
                                        "section" : {
                                                "name" : "Hortifruti",
                                                "description" : "Seção de frutas,
verduras e legumes"
                                        },
                                        "provider" : {
                                                "name": "Cebolas Inc",
                                                "cnpj" : "28.338.875/0001-17",
                                                "phones" : ["(61)99876-3272"],
                                                "email" : "cebolas@mail.com",
                                                "description" : "Fornecedor de
cebolas"
                                        },
                                        "currentstock" : 10
                                },
                                "quantity" : 10,
                                "totalvalue" : 25.0
                        }
                ],
                "totalprice" : 65.0,
                "provider" : {
                        "name": "Cebolas Inc",
                        "cnpj" : "28.338.875/0001-17",
                        "phones" : ["(61)99876-3272"],
                        "email" : "cebolas@mail.com",
                        "description" : "Fornecedor de cebolas"
                }
} ],

{"code" : "400", "message" : "Bad request"},
{"code" : "405", "message" : "Method not allowed"},
{"code" : "500", "message" : "Internal server error"},
{"code" : "505","message" : "HTTP Version Not Supported"}
```