**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” : "404",“message” : "Object not found"},  {“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” : "404",“message” : "Object not found"},  {“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” : "404",“message” : "Object not found"},  {“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” : "404",“message” : "Object not found"},  {“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” : "404",“message” : "Object not found"},  {“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” : "404",“message” : "Object not found"},  {“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” : "404",“message” : "Object not found"},  {“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” : "404",“message” : "Object not found"},  {“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” : "404",“message” : "Object not found"},  {“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” : "404",“message” : "Object not found"},  {“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” : "404",“message” : "Object not found"},  {“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” : "404",“message” : "Object not found"},  {“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)** | {  "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”} |

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