REST Interface Documentation

erpsystem

Contents

1. Cars

Title	Create Car
URL	`/cars/`
Method	`POST`
URL Params	-

Data Params	{
	    "name": [string]
	 }

Success Response	**Code:** 201 Created **Content:** -
Error Response	-
Notes	-

Title	Get All Cars
URL	`/cars`
Method	`GET`
URL Params	-
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	`{`
	`   "_embedded": {`
	`     "cars": [`
	`       {`
	`         "name": "Mazda",`
	`         "_links": {`
	`           "self": {`
	`             "href": "/cars/5b1284611c05c91264d35b9c"`
	`           }`
	`         }`
	`       },`
	`       {`
	`         "name": "BMW",`
	`         "_links": {`
	`           "self": {`
	`             "href": "/cars/5b1284611c05c91264d35b9d"`
	`           }`
	`         }`
	`       },`
	`       {`
	`         "name": "Ford",`
	`         "_links": {`
	`           "self": {`
	`             "href": "/cars/5b1284611c05c91264d35b9e"`
	`           }`
	`         }`
	`       }`
	`     ]`
	`   }`
	`}`

Error Response	-
Notes	-

Title	Get Car by id
URL	**/cars/:id**
Method	**GET**
URL Params	id=[alphanumeric]
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	{
	   "name": "Mazda",
	   "_links": {
	     "all cars": {
	       "href": "/cars"
	     }
	   }
	}

Error Response	**Code:** 404 Not Found
	Content:
	{
	   "timestamp": "2018-05-31T12:58:46.178+0000",
	   "message": "Car with id: 5b0fe4969d2a6729f85158c9 does not exist",
	   "details": "uri=/cars/5b0fe4969d2a6729f85158c9"
	}

Notes	-

Title	Update Car by id
URL	`/cars/:id`
Method	`PUT`
URL Params	id=[alphanumeric]

Data Params	{
	    "name": [string]
	}

Success Response	**Code:** 200 OK
	Content:
	{
	    "name": "Opel",
	    "_links": {
	       "all-cars": {
	          "href": "http://localhost:8080/cars"
	       }
	    }
	}

Error Response	**Code:** 404 Not Found
	Content:
	{
	    "timestamp": "2018-05-31T12:58:46.178+0000",
	    "message": "Car with id: 5b0fe4969d2a6729f85158c9 does not exist",
	    "details": "uri=/cars/5b0fe4969d2a6729f85158c9"
	}

Notes	-

Title	Delete Car by id
URL	**/cars/:id**
Method	**DELETE**
URL Params	id=[alphanumeric]
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	{
	   "name": "Opel",
	   "_links": {
	      "all-cars": {
	         "href": "http://localhost:8080/cars"
	      }
	   }
	}

Error Response	**Code:** 404 Not Found
	Content:
	{
	   "timestamp": "2018-05-31T12:58:46.178+0000",
	   "message": "Car with id: 5b0fe4969d2a6729f85158c9 does not exist",
	   "details": "uri=/cars/5b0fe4969d2a6729f85158c9"
	}

Notes	-

2. Car Models

Title	Create Car Model
URL	`/carModels`
Method	`POST`
URL Params	-

Data Params	{
	    "name": [string],
	    "productionYear": [string],
	    "car": [Car]
	}

Success Response	**Code:** 201 Created **Content:** -
Error Response	-
Notes	-

Title	Get All Car Models
URL	`/carModels`
Method	`GET`
URL Params	-
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	`{`
	   `"_embedded": {`
	     `"carModels": [`
	       `{`
	         `"name": "Benz",`
	         `"productionYear": "1995",`
	         `"car": {`
	           `"name": "Mercedes"`
	         `},`
	         `"_links": {`
	           `"self": {`
	             `"href": "/carModels/5b1291fa1c05c91650a85e5b"`
	           `}`
	         `}`
	       `},`
	       `{`
	         `"name": "Z3",`
	         `"productionYear": "1981",`
	         `"car": {`
	           `"name": "BMW"`
	         `},`
	         `"_links": {`
	           `"self": {`
	             `"href": "/carModels/5b1291fa1c05c91650a85e5c"`
	           `}`
	         `}`
	       `},`
	       `{`
	         `"name": "Shelby",`
	         `"productionYear": "1992",`
	         `"car": {`

```
                    "name": "Ford"
                },
                "_links": {
                    "self": {
                        "href": "/carModels/5b1291fa1c05c91650a85e5d"
                    }
                }
            }
        ]
    }
}
```

Error Response	-
Notes	-

Title	Get Car Model by id
URL	`/carModels/:id`
Method	`GET`
URL Params	id=[alphanumeric]
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	{
	   "name": "Shelby",
	   "productionYear": "1992",
	   "car": {
	     "name": "Ford"
	   },
	   "_links": {
	     "all car models": {
	       "href": "/carModels"
	     }
	   }
	}

Error Response	**Code:** 404 Not Found
	Content:
	{
	   "timestamp": "2018-06-02T17:12:37.115+0000",
	   "message": "Resource with id: 5b12cf0f1c05c9055c4415a does not exist",
	   "details": "uri=/carModels/5b12cf0f1c05c9055c4415a"
	}

Notes	-

Title	Update Car Model by id
URL	`/carModels/:id`
Method	`PUT`
URL Params	id=[alphanumeric]

Data Params	{
	    "name": [string],
	    "productionYear": [string],
	    "car": {
	        "name": [string]
	    }
	}

Success Response	**Code:** 200 OK
	Content:
	{
	    "name": "Shelby",
	    "productionYear": "1992",
	    "car": {
	        "name": "Ford"
	    },
	    "_links": {
	        "all car models": {
	            "href": "/carModels"
	        }
	    }
	}

Error Response	**Code:** 404 Not Found
	Content:
	{
	    "timestamp": "2018-06-02T17:16:25.943+0000",
	    "message": "Resource with id: 5b12cf0f1c05c9055c44b15c2 does not exist",
	    "details": "uri=/carModels/5b12cf0f1c05c9055c44b15c2"
	}

Notes	-

Title	Delete Car Model by id
URL	`/carModels/:id`
Method	`DELETE`
URL Params	id=[alphanumeric]
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	{
	   "name": "Z3",
	   "productionYear": "1981",
	   "car": {
	     "name": "BMW"
	   },
	   "_links": {
	     "all car models": {
	       "href": "/carModels"
	     }
	   }
	}

Error Response	**Code:** 404 Not Found
	Content:
	{
	   "timestamp": "2018-06-02T17:21:41.985+0000",
	   "message": "Resource with id: 5b12cf0f1c05c9055c44b15c2 does not exist",
	   "details": "uri=/carModels/5b12cf0f1c05c9055c44b15c2"
	}}

Notes	-

3. Clients

Title	Create Client
URL	`/clients`
Method	`POST`
URL Params	-
Data Params	```{
"name": [string],
"nip": [string],
"regon": [string],
"pesel": [string],
"firstName": [string],
"lastName": [string],
"address": {
"city": [string],
"zipCode": [string],
"houseNumber": [string],
"flatNumber": [integer],
"active": [boolean]
},
"contacts": [
{
"name": [string],
"value": [string],
"active": [boolean]
},
{
"name": [string],
"value": [string],
"active": [boolean]
}
],
"active": [boolean]
}```
Success Response	**Code:** 201 Created **Content:** -

Error Response	-
Notes	-

Title	Get All Clients
URL	`/clients`
Method	`GET`
URL Params	-
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	{
	   "_embedded": {
	     "clients": [
	      {
	        "name": "J-labs",
	        "nip": "234 5435 654",
	        "regon": "5634542356",
	        "pesel": "89342543242",
	        "firstName": "Witold",
	        "lastName": "Zieba",
	        "address": {
	          "city": "Warsaw",
	          "zipCode": "02-036",
	          "houseNumber": "13",
	          "flatNumber": 0,
	          "active": true
	        },
	        "contacts": [
	          {
	            "name": "Some CEO guy",
	            "value": "23",
	            "active": true
	          },
	          {
	            "name": "Sales engineer",
	            "value": "234",
	            "active": true
	          }
	        ],
	        "active": true,
	        "_links": {

```json
          "self": {
            "href": "/clients/5b1404aa1c05c9114442e559"
          }
        }
      },
      {
        "name": "X-com",
        "nip": "324 3424 454",
        "regon": "04790290834",
        "pesel": "87923847982",
        "firstName": "Witkacy",
        "lastName": "Mrozek",
        "address": {
          "city": "Ostrov",
          "zipCode": "07-300",
          "houseNumber": "69",
          "flatNumber": 3,
          "active": true
        },
        "contacts": [
          {
            "name": "Some CEO guy",
            "value": "23",
            "active": true
          },
          {
            "name": "Yet another CEO",
            "value": "69",
            "active": true
          },
          {
            "name": "Sales engineer",
            "value": "234",
            "active": true
          }
        ],
        "active": true,
        "_links": {
          "self": {
            "href": "/clients/5b1404aa1c05c9114442e55a"
          }
        }
      }
    }
  ]
}
```

	}
Error Response	-
Notes	-

Title	Get Client by id
URL	`/clients/:id`
Method	`GET`
URL Params	id=[alphanumeric]
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	{
	   "name": "J-labs",
	   "nip": "234 5435 654",
	   "regon": "5634542356",
	   "pesel": "89342543242",
	   "firstName": "Witold",
	   "lastName": "Zieba",
	   "address": {
	      "city": "Warsaw",
	      "zipCode": "02-036",
	      "houseNumber": "13",
	      "flatNumber": 0,
	      "active": true
	   },
	   "contacts": [
	      {
	         "name": "Some CEO guy",
	         "value": "23",
	         "active": true
	      },
	      {
	         "name": "Sales engineer",
	         "value": "234",
	         "active": true
	      }
	   ],
	   "active": true,

```
    "_links": {
      "all clients": {
        "href": "/clients"
      }
    }
}
```

Error Response	**Code:** 404 Not Found
	Content:
	``
	{
	    "timestamp": "2018-06-03T15:30:43.850+0000",
	    "message": "Resource with id: 5b1404aa1c05c9114442559 does not exist",
	    "details": "uri=/clients/5b1404aa1c05c9114442559"
	}
	``

Notes	-

Title	Update Client by id
URL	`/clients/:id`
Method	`PUT`
URL Params	id=[alphanumeric]

Data Params	{
	   "name": [string],
	   "nip": [string],
	   "regon": [string],
	   "pesel": [string],
	   "firstName": [string],
	   "lastName": [string],
	   "address": {
	      "city": [string],
	      "zipCode": [string],
	      "houseNumber": [string],
	      "flatNumber": [integer],
	      "active": [boolean]
	   },
	   "contacts": [
	      {
	         "name": [string],
	         "value": [string],
	         "active": [boolean]
	      },
	      {
	         "name": [string],
	         "value": [string],
	         "active": [boolean]
	      }
	   ],
	   "active": [boolean]
	}

Success Response	**Code:** 200 OK
	Content:
	{
	   "name": "J-labs",
	   "nip": "234 5435 654",
	   "regon": "5634542356",

```
        "pesel": "89342543242",
        "firstName": "Witold",
        "lastName": "Zieba",
        "address": {
            "city": "Warsaw",
            "zipCode": "02-036",
            "houseNumber": "13",
            "flatNumber": 0,
            "active": true
        },
        "contacts": [
            {
                "name": "Some CEO guy",
                "value": "23",
                "active": true
            },
            {
                "name": "Sales engineer",
                "value": "234",
                "active": true
            }
        ],
        "active": true,
        "_links": {
            "all clients": {
                "href": "/clients"
            }
        }
    }
}
```

Error Response	**Code:** 404 Not Found
	Content:
	{
	    "timestamp": "2018-06-03T15:35:02.364+0000",
	    "message": "Resource with id: 5b1404aa1c05c9114442559 does not exist",
	    "details": "uri=/clients/5b1404aa1c05c9114442559"
	}

Notes	-

Title	Delete Clients by id
URL	`/clients/:id`
Method	`DELETE`
URL Params	id=[alphanumeric]
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	{
	   "name": "J-labs2",
	   "nip": "234 5435 654",
	   "regon": "5634542356",
	   "pesel": "89342543242",
	   "firstName": "Witold",
	   "lastName": "Zieba",
	   "address": {
	      "city": "Warsaw",
	      "zipCode": "02-036",
	      "houseNumber": "13",
	      "flatNumber": 0,
	      "active": true
	   },
	   "contacts": [
	      {
	         "name": "Some CEO guy",
	         "value": "23",
	         "active": true
	      },
	      {
	         "name": "Sales engineer",
	         "value": "234",
	         "active": true
	      }
	   ],
	   "active": false,
	   "_links": {
	      "all clients": {
	         "href": "/clients"

	}
	      }
	   }

Error Response	**Code:** 404 Not Found
	Content:
	{
	   "timestamp": "2018-06-03T15:36:35.366+0000",
	   "message": "Resource with id: 5b1404aa1c05c9114442e559 does not exist",
	   "details": "uri=/clients/5b1404aa1c05c9114442e559"
	}

Notes	-

4. Producents

Title	Create Producent
URL	`/producents`
Method	`POST`
URL Params	-

Data Params	`{`
	    `"name": [string]`
	`}`

Success Response	**Code:** 201 Created **Content:** -
Error Response	-
Notes	-

Title	Get All Producents
URL	`/producents`
Method	`GET`
URL Params	-
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	{
	   "_embedded": {
	     "producents": [
	       {
	         "name": "Elstar",
	         "_links": {
	           "self": {
	             "href": "/producents/5b1404aa1c05c9114442e55b"
	           }
	         }
	       },
	       {
	         "name": "Asmet",
	         "_links": {
	           "self": {
	             "href": "/producents/5b1404aa1c05c9114442e55c"
	           }
	         }
	       },
	       {
	         "name": "Rolstal",
	         "_links": {
	           "self": {
	             "href": "/producents/5b1404aa1c05c9114442e55d"
	           }
	         }
	       }
	     ]
	   }
	}

Error Response	-
Notes	-

Title	Get Producent by id
URL	`/producents/:id`
Method	`GET`
URL Params	id=[alphanumeric]
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	{
	   "name": "Elstar",
	   "_links": {
	     "all producents": {
	       "href": "/producents"
	     }
	   }
	}

Error Response	**Code:** 404 Not Found
	Content:
	{
	   "timestamp": "2018-06-03T18:14:19.518+0000",
	   "message": "Resource with id: 5b1404aa1c05c911442e55b does not exist",
	   "details": "uri=/producents/5b1404aa1c05c911442e55b"
	}

Notes	-

Title	Update Producent by id
URL	`/producents/:id`
Method	`PUT`
URL Params	id=[alphanumeric]

Data Params	{
	   "name": [string]
	}

Success Response	**Code:** 200 OK
	Content:
	{
	   "name": "Elstar",
	   "_links": {
	      "all producents": {
	         "href": "/producents"
	      }
	   }
	}

Error Response	**Code:** 404 Not Found
	Content:
	{
	   "timestamp": "2018-06-03T18:21:17.804+0000",
	   "message": "Resource with id: 5b1431151c05c913c3884df4e does not exist",
	   "details": "uri=/producents/5b1431151c05c913c3884df4e"
	}

Notes	-

Title	Delete Producent by id
URL	**/producents/:id**
Method	**DELETE**
URL Params	id=[alphanumeric]
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	{
	   "name": "Elstar",
	   "_links": {
	      "all producents": {
	         "href": "/producents"
	      }
	   }
	}

Error Response	**Code:** 404 Not Found
	Content:
	{
	   "timestamp": "2018-06-03T18:23:37.557+0000",
	   "message": "Resource with id: 5b1431151c05c91c3884df4e does not exist",
	   "details": "uri=/producents/5b1431151c05c91c3884df4e"
	}

Notes	-

5. Warehouses

Title	Create Warehouse
URL	`/warehouses`
Method	`POST`
URL Params	-

Data Params	{
	   "name": [string],
	   "active": [boolean]
	}

Success Response	**Code:** 201 Created **Content:** -
Error Response	-
Notes	-

Title	Get All Warehouses
URL	`/warehouses`
Method	`GET`
URL Params	-
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	`{`
	  `"_embedded": {`
	    `"warehouses": [`
	      `{`
	        `"name": "Magassino",`
	        `"active": true,`
	        `"_links": {`
	          `"self": {`
	            `"href": "/warehouses/5b143a741c05c908a8bde018"`
	          `}`
	        `}`
	      `},`
	      `{`
	        `"name": "gran revista don corleone",`
	        `"active": true,`
	        `"_links": {`
	          `"self": {`
	            `"href": "/warehouses/5b143a741c05c908a8bde019"`
	          `}`
	        `}`
	      `}`
	    `]`
	  `}`
	`}`

Error Response	-
Notes	-

Title	Get Warehouse by id
URL	`/warehouses/:id`
Method	`GET`
URL Params	id=[alphanumeric]
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	{
	   "name": "Magassino",
	   "active": true,
	   "_links": {
	     "all warehouses": {
	       "href": "/warehouses"
	     }
	   }
	}

Error Response	**Code:** 404 Not Found
	Content:
	{
	   "timestamp": "2018-06-03T19:03:04.613+0000",
	   "message": "Resource with id: 5b143a741c05c908a8bde01 does not exist",
	   "details": "uri=/warehouses/5b143a741c05c908a8bde01"
	}

Notes	-

Title	Update Warehouse by id
URL	`/warehouses/:id`
Method	`PUT`
URL Params	id=[alphanumeric]

Data Params	{
	   "name": [string],
	   "active": [boolean]
	}

Success Response	**Code:** 200 OK
	Content:
	{
	   "name": "Magassino",
	   "active": true,
	   "_links": {
	     "all warehouses": {
	       "href": "/warehouses"
	     }
	   }
	}

Error Response	**Code:** 404 Not Found
	Content:
	{
	   "timestamp": "2018-06-03T19:07:49.080+0000",
	   "message": "Resource with id: 5b143a741c05c908a8bde01 does not exist",
	   "details": "uri=/warehouses/5b143a741c05c908a8bde01"
	}

Notes	-

Title	Delete Warehouse by id
URL	**/warehouses/:id**
Method	**DELETE**
URL Params	id=[alphanumeric]
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	{
	   "name": "Magassino",
	   "active": true,
	   "_links": {
	     "all warehouses": {
	       "href": "/warehouses"
	     }
	   }
	}

Error Response	**Code:** 404 Not Found
	Content:
	{
	   "timestamp": "2018-06-03T20:34:32.420+0000",
	   "message": "Resource with id: 5b144d0c1c05c90e344b4f80 does not exist",
	   "details": "uri=/warehouses/5b144d0c1c05c90e344b4f80"
	}

Notes	-

6. Warehouse sectors

Title	Create Warehouse sector
URL	`/warehouseSectors`
Method	`POST`
URL Params	-

Data Params	{
	    "name": [string]
	}

Success Response	**Code:** 201 Created **Content:** -
Error Response	-
Notes	-

Title	Get All Warehouse Sectors
URL	`/warehouseSectors`
Method	`GET`
URL Params	-
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	``json
	{
	   "_embedded": {
	      "warehouseSectors": [
	         {
	            "name": "A1",
	            "_links": {
	               "self": {
	                  "href":
	"/warehouseSectors/5b143d341c05c9098c49c25d"
	               }
	            }
	         },
	         {
	            "name": "A2",
	            "_links": {
	               "self": {
	                  "href":
	"/warehouseSectors/5b143d341c05c9098c49c25e"
	               }
	            }
	         },
	         {
	            "name": "B1",
	            "_links": {
	               "self": {
	                  "href":
	"/warehouseSectors/5b143d341c05c9098c49c25f"
	               }
	            }
	         }
	      ]
	``

	} }
Error Response	-
Notes	-

Title	Get Warehouse Sector by id
URL	`/warehouseSectors/:id`
Method	`GET`
URL Params	id=[alphanumeric]
Data Params	-

Success Response	**Code:** 200 OK
	 Content:
	 {
	    "name": "A1",
	    "_links": {
	      "all warehouse sectors": {
	        "href": "/warehouseSectors"
	      }
	    }
	 }

Error Response	**Code:** 404 Not Found
	 Content:
	 {
	    "timestamp": "2018-06-03T19:14:30.210+0000",
	    "message": "Resource with id: 5b143d341c05c9098c49c25 does not exist",
	    "details": "uri=/warehouseSectors/5b143d341c05c9098c49c25"
	 }

Notes	-

Title	Update Warehouse Sector by id
URL	`/warehouseSectors/:id`
Method	`PUT`
URL Params	id=[alphanumeric]

Data Params	{
	   "name": [string]
	}

Success Response	**Code:** 200 OK
	Content:
	{
	   "name": "A1",
	   "_links": {
	      "all warehouse sectors": {
	         "href": "/warehouseSectors"
	      }
	   }
	}

Error Response	**Code:** 404 Not Found
	Content:
	{
	   "timestamp": "2018-06-03T19:17:20.089+0000",
	   "message": "Resource with id: 5b143d341c05c9098c49c25ddd does not exist",
	   "details": "uri=/warehouseSectors/5b143d341c05c9098c49c25ddd"
	}

Notes	-

Title	Delete Warehouse Sector by id
URL	`/warehouseSectors/:id`
Method	`DELETE`
URL Params	id=[alphanumeric]
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	{
	   "name": "A1",
	   "_links": {
	      "all warehouse sectors": {
	         "href": "/warehouseSectors"
	      }
	   }
	}

Error Response	**Code:** 404 Not Found
	Content:
	{
	   "timestamp": "2018-06-03T20:36:28.882+0000",
	   "message": "Resource with id: 5b144d0c1c05c90e344b4f82 does not exist",
	   "details": "uri=/warehouseSectors/5b144d0c1c05c90e344b4f82"
	}

Notes	-

7. Products

Title	Create Product
URL	`/products`
Method	`POST`
URL Params	-

Data Params	{
	   "name": [string],
	   "quantity": [integer],
	   "description": [string]
	   "warehouse": [Warehouse],
	   "producent": [Producent],
	   "carModels": [[CarModel], [CarModel]],
	   "prices": [
	         {
	            "sellPrice": [integer],
	            "buyPrice": [integer],
	            "dateTime": [date(string)]
	         },
	         {
	            "sellPrice": [integer],
	            "buyPrice": [integer],
	            "dateTime": [date(string)]
	         }
	     ],
	   "active": [Boolean]
	}

Success Response	**Code:** 201 Created **Content:** -
Error Response	-
Notes	Date string format: "yyyy-mm-ddThh:mm:ss.000+0000"

Title	
URL	`/products`
Method	`GET`
URL Params	-
Data Params	-
| **Success Response** | **Code:** 200 OK<br>**Content:**<br>```json
{
    "_embedded": {
        "products": [
            {
                "name": "product 1",
                "quantity": 34,
                "description": "",
                "warehouse": {
                    "name": "Magassino",
                    "active": true
                },
                "producent": {
                    "name": "Elstar"
                },
                "carModels": [
                    {
                        "name": "Benz",
                        "productionYear": "1995",
                        "car": {
                            "name": "Mercedes"
                        }
                    },
                    {
                        "name": "Z3",
                        "productionYear": "1981",
                        "car": {
                            "name": "BMW"
                        }
                    },
                    {
                        "name": "Shelby",
``` |

```
            "productionYear": "1992",
            "car": {
               "name": "Ford"
            }
         }
      ],
      "prices": [
         {
            "sellPrice": 40,
            "buyPrice": 34,
            "dateTime": "2015-12-30T23:00:00.000+0000"
         },
         {
            "sellPrice": 1000,
            "buyPrice": 953,
            "dateTime": "2015-12-30T23:00:00.000+0000"
         }
      ],
      "active": true,
      "_links": {
         "self": {
            "href": "/products/5b144d0c1c05c90e344b4f89"
         }
      }
   },
   {
      "name": "product 2",
      "quantity": 7,
      "description": "",
      "warehouse": {
         "name": "gran revista don corleone",
         "active": true
      },
      "producent": {
         "name": "Rolstal"
      },
      "carModels": [
         {
            "name": "Benz",
            "productionYear": "1995",
            "car": {
               "name": "Mercedes"
            }
         },
         {
```

```
                    "name": "Shelby",
                    "productionYear": "1992",
                    "car": {
                        "name": "Ford"
                    }
                }
            ],
            "prices": [
                {
                    "sellPrice": 234,
                    "buyPrice": 215,
                    "dateTime": "2015-12-30T23:00:00.000+0000"
                },
                {
                    "sellPrice": 28,
                    "buyPrice": 27,
                    "dateTime": "2015-12-30T23:00:00.000+0000"
                }
            ],
            "active": true,
            "_links": {
                "self": {
                    "href": "/products/5b144d0c1c05c90e344b4f8a"
                }
            }
        }
    ]
  }
}
```

Error Response	-
Notes	-

Title	Get Product by id
URL	**/products/:id**
Method	**GET**
URL Params	id=[alphanumeric]
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	{
	   "name": "product 2",
	   "quantity": 7,
	   "description": "",
	   "warehouse": {
	      "name": "gran revista don corleone",
	      "active": true
	   },
	   "producent": {
	      "name": "Rolstal"
	   },
	   "carModels": [
	     {
	       "name": "Benz",
	       "productionYear": "1995",
	       "car": {
	         "name": "Mercedes"
	       }
	     },
	     {
	       "name": "Shelby",
	       "productionYear": "1992",
	       "car": {
	         "name": "Ford"
	       }
	     }
	   ],
	   "prices": [
	     {

```
            "sellPrice": 234,
            "buyPrice": 215,
            "dateTime": "2015-12-30T23:00:00.000+0000"
          },
          {
            "sellPrice": 28,
            "buyPrice": 27,
            "dateTime": "2015-12-30T23:00:00.000+0000"
          }
        ],
        "active": true,
        "_links": {
          "all products": {
            "href": "/products"
          }
        }
      }
```

Error Response	**Code:** 404 Not Found
	Content:
	{
	   "timestamp": "2018-06-03T20:21:08.237+0000",
	   "message": "Resource with id: 5b144d0c1c05c90e344b4f8ad does not exist",
	   "details": "uri=/products/5b144d0c1c05c90e344b4f8ad"
	}

Notes	-

Title	Update Product by id
URL	`/products/:id`
Method	`PUT`
URL Params	id=[alphanumeric]

Data Params	```
	{
	    "name": [string],
	    "quantity": [integer],
	    "description": [string]
	    "warehouse": [Warehouse],
	    "producent": [Producent],
	    "carModels": [[CarModel], [CarModel]],
	    "prices": [
	                {
	                    "sellPrice": [integer],
	                    "buyPrice": [integer],
	                    "dateTime": [date(string)]
	                },
	                {
	                    "sellPrice": [integer],
	                    "buyPrice": [integer],
	                    "dateTime": [date(string)]
	                }
	        ],
	    "active": [Boolean]
	}
	``

Success Response	**Code:** 200 OK
	Content:
	{
	    "name": "product 2",
	    "quantity": 7,
	    "description": "",
	    "warehouse": {
	        "name": "gran revista don corleone",
	        "active": true
	    },
	    "producent": {
	        "name": "Rolstal"
	    },

```json
    "carModels": [
      {
        "name": "Benz",
        "productionYear": "1995",
        "car": {
          "name": "Mercedes"
        }
      },
      {
        "name": "Shelby",
        "productionYear": "1992",
        "car": {
          "name": "Ford"
        }
      }
    ],
    "prices": [
      {
        "sellPrice": 234,
        "buyPrice": 215,
        "dateTime": "2015-12-30T23:00:00.000+0000"
      },
      {
        "sellPrice": 28,
        "buyPrice": 27,
        "dateTime": "2015-12-30T23:00:00.000+0000"
      }
    ],
    "active": true,
    "_links": {
      "all products": {
        "href": "/products"
      }
    }
}
```

Error Response	**Code:** 404 Not Found
	Content:
	`{`
	   `"timestamp": "2018-06-03T20:27:47.392+0000",`
	   `"message": "Resource with id: 5b144d0c1c05c90e344b4f8as does not exist",`
	   `"details": "uri=/products/5b144d0c1c05c90e344b4f8as"`
	`}`

| **Notes** | - |

Title	Delete Product by id
URL	`/products/:id`
Method	`DELETE`
URL Params	id=[alphanumeric]
Data Params	-

Success Response	**Code:** 200 OK
	Content:
	{
	   "name": "product 2",
	   "quantity": 8,
	   "description": "",
	   "warehouse": {
	      "name": "gran revista don corleone",
	      "active": true
	   },
	   "producent": {
	      "name": "Rolstal"
	   },
	   "carModels": [
	      {
	         "name": "Benz",
	         "productionYear": "1995",
	         "car": {
	            "name": "Mercedes"
	         }
	      },
	      {
	         "name": "Shelby",
	         "productionYear": "1992",
	         "car": {
	            "name": "Ford"
	         }
	      }
	   ],
	   "prices": [
	      {
	         "sellPrice": 234,

```
            "buyPrice": 215,
            "dateTime": "2015-12-30T23:00:00.000+0000"
         },
         {
            "sellPrice": 28,
            "buyPrice": 27,
            "dateTime": "2015-12-30T23:00:00.000+0000"
         }
      ],
      "active": true,
      "_links": {
        "all products": {
           "href": "/products"
        }
      }
   }
```

Error Response	**Code:** 404 Not Found
	Content:
	``{
	    "timestamp": "2018-06-03T20:31:52.884+0000",
	    "message": "Resource with id: 5b144d0c1c05c90e344b4f8a does not exist",
	    "details": "uri=/products/5b144d0c1c05c90e344b4f8a"
	}```

Notes	-