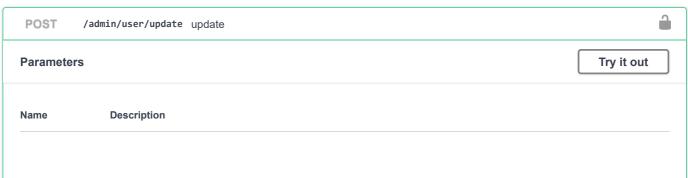


Pet Clinic API 1.0.0

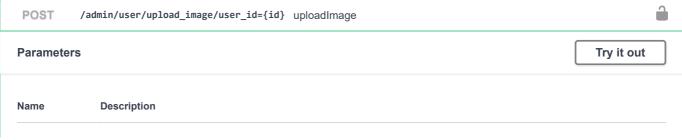
[Base URL: localhost:8090/] http://localhost:8090/v2/api-docs

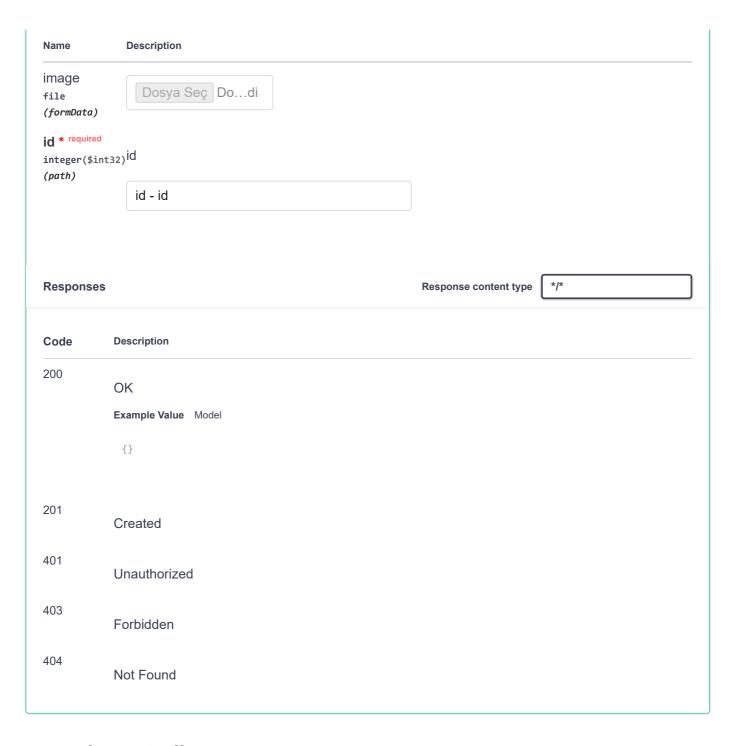
Authorize admin-controller Admin Controller **GET** /admin/current_user find **GET** /admin/find/email={email} find /admin/find/id={id} find **GET GET** /admin/list/all list **GET** /admin/list/page={page}/size={size} list **GET** /admin/list/role_id={id} listByRolesId **GET** /admin/list/role_id={id}/page={page}/size={size} listByRolesId **GET** /admin/list/status_id={id} listByStatusId **GET** $/admin/list/status_id=\{id\}/page=\{page\}/size=\{size\} \ \ ||stByStatus|| |$ **GET** /admin/search/key={key} search **GET** /admin/search/key={key}/page={page}/size={size} search /admin/search/status_id={id}/key={key} searchWithStatus **GET GET** /admin/search/status_id={id}/key={key}/page={page}/size={size} searchWithStatus **POST** /admin/user/add add **Parameters** Try it out

```
Description
Name
user * required
                user
object
(body)
                Example Value Model
                  User
                     email*
                                            string
minLength: 0
                                             maxLength: 50
                                             pattern: (^(.+)@(.+)$)
                     enabled
                                             boolean
                                            integer($int32)
string
                     id
                     img
                     name*
                                             string
                                             minLength: 0
                                             maxLength: 50
                     password*
                                             string
                                            string pattern: (^$|[0-9]{10})
                     phone*
                     roles
                                                 [\dots]
                     status
                                             ActiveStatus
                                                               {...}
                     tokenExpired
                                             boolean
                                                                                             */*
                                                                      Response content type
Responses
Code
             Description
200
             OK
             Example Value Model
              {}
201
             Created
401
             Unauthorized
403
             Forbidden
404
             Not Found
```

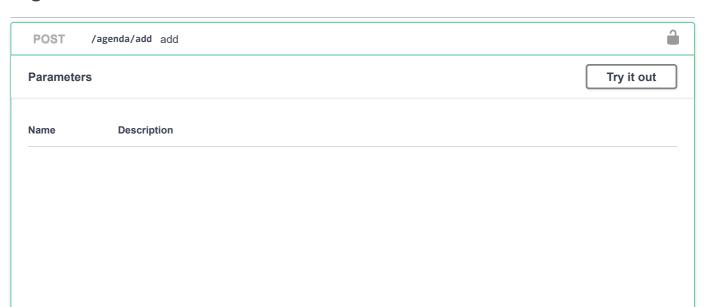


```
Description
Name
user * required
                user
object
(body)
                Example Value Model
                  User
                                            string
minLength: 0
maxLength: 50
                     email*
                                             pattern: (^(.+)@(.+)$)
                     enabled
                                             boolean
                                             integer($int32)
                     id
                     img
                                             string
                     name*
                                             string
                                             minLength: 0
                                             maxLength: 50
                     password*
                                             string
                     phone*
                                             string
                                             pattern: (^$|[0-9]{10})
                     roles
                                                 [...]
                     status
                                             ActiveStatus
                                                               {...}
                     tokenExpired
                                             boolean
                  }
Responses
                                                                     Response content type
                                                                                             */*
Code
             Description
200
             OK
             Example Value Model
              {}
201
             Created
401
             Unauthorized
403
             Forbidden
404
             Not Found
```

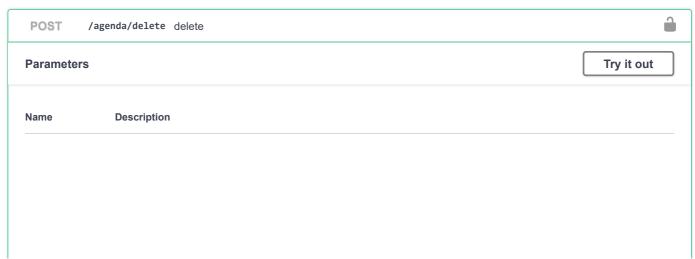




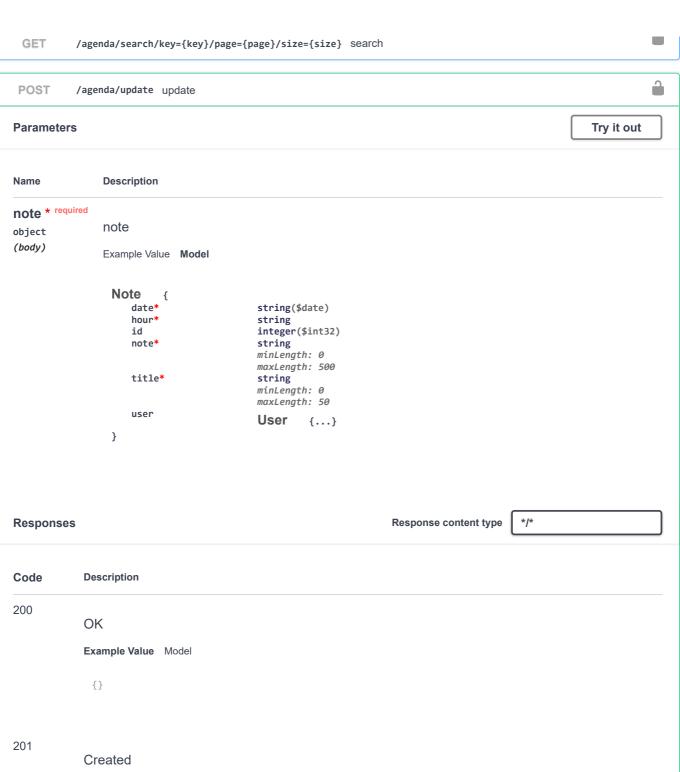
agenda-controller Agenda Controller



```
Description
Name
note * required
                  note
object
(body)
                  Example Value Model
                    Note {
                                                 string($date)
string
integer($int32)
                        date*
                        hour*
                        id
                                                 string
minLength: 0
                        note*
                                                 maxLength: 500
string
minLength: 0
maxLength: 50
                        title*
                        user
                                                 User {...}
                    }
                                                                                                       */*
                                                                             Response content type
Responses
Code
              Description
200
              OK
              Example Value Model
               {}
201
              Created
401
              Unauthorized
403
              Forbidden
404
              Not Found
```

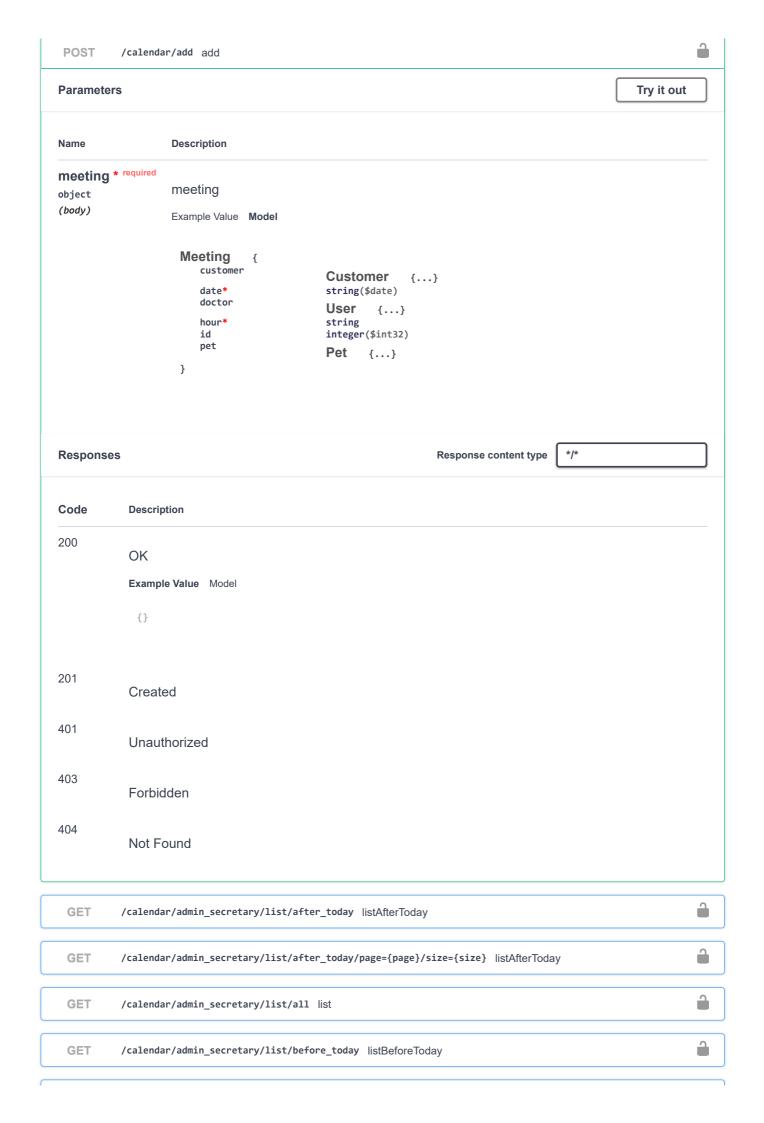


```
Description
Name
note * required
               note
object
(body)
               Example Value Model
                 Note
                          {
                     date*
                                           string($date)
                     hour*
                                           string
                                           integer($int32)
                     id
                     note*
                                           string
                                           minLength: 0
                                           maxLength: 500
                                           string
                     title*
                                           minLength: 0
maxLength: 50
                     user
                                           User {...}
                 }
                                                                                         */*
                                                                   Response content type
Responses
Code
            Description
200
            OK
            Example Value Model
              {}
201
            Created
401
            Unauthorized
403
            Forbidden
404
            Not Found
 GET
           /agenda/list/all list
                                                                                                                 GET
           /agenda/list/date={date} search
                                                                                                                 GET
           /agenda/list/date={date}/page={page}/size={size} search
 GET
           /agenda/list/page={page}/size={size} list
                                                                                                                 GET
           /agenda/search/key={key} search
```

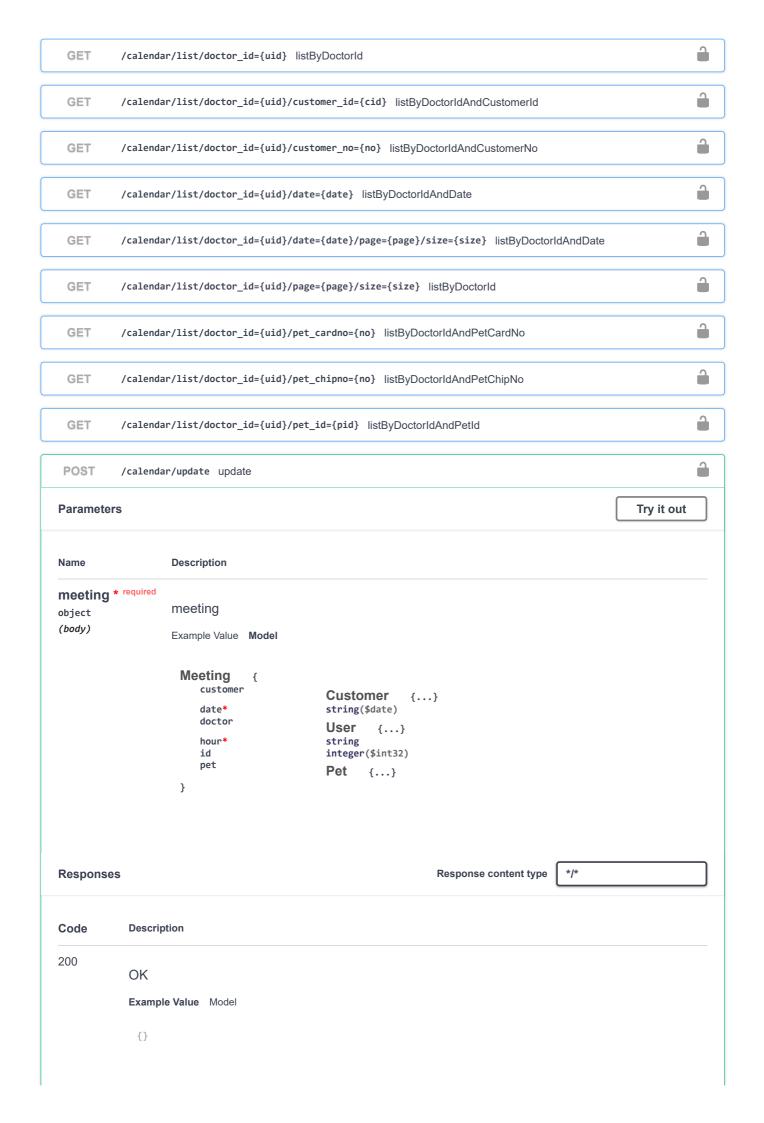


	{}
201	Created
401	Unauthorized
403	Forbidden
404	Not Found

basic-error-controller Basic Error Controller

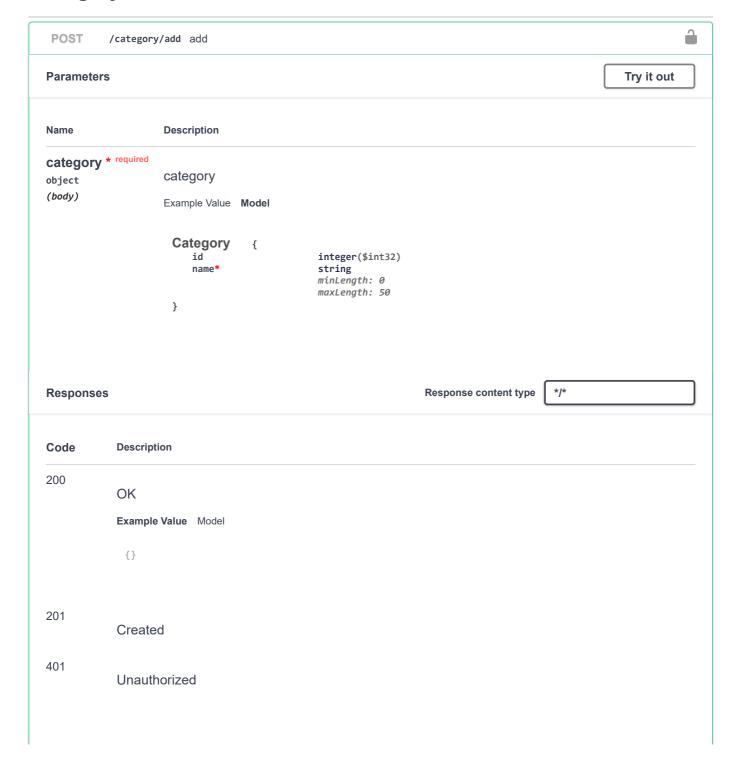


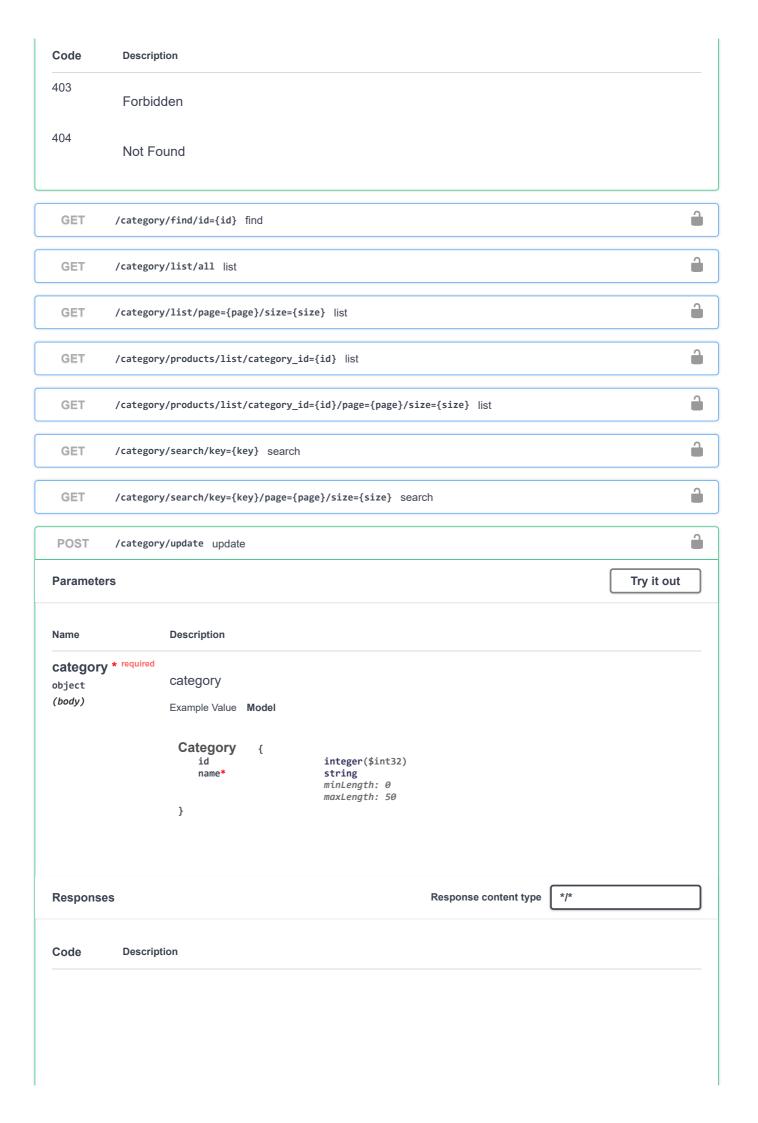
GET	/calendar/admin_secretary/list/before_today/page={page}/size={size} listBeforeToday	
GET	/calendar/admin_secretary/list/customer_id={cid} listByCustomerId	
GET	/calendar/admin_secretary/list/customer_id={cid}/page={page}/size={size} listByCustomerId	
GET	/calendar/admin_secretary/list/customer_no={no} listByCustomerNo	
GET	/calendar/admin_secretary/list/customer_no={no}/page={page}/size={size} listByCustomerNo	
GET	/calendar/admin_secretary/list/date={date} list	
GET	/calendar/admin_secretary/list/date={date}/page={page}/size={size} list	
GET	/calendar/admin_secretary/list/page={page}/size={size} list	
GET	/calendar/admin_secretary/list/pet_cardno={no} listByPetCardNo	
GET	/calendar/admin_secretary/list/pet_cardno={no}/page={page}/size={size} listByPetCardNo	
GET	/calendar/admin_secretary/list/pet_chipno={no} listByPetChipNo	1
GET	/calendar/admin_secretary/list/pet_chipno={no}/page={page}/size={size} listByPetChipNo	1
GET	/calendar/admin_secretary/list/pet_id={pid} listByPetId	1
GET	/calendar/admin_secretary/list/pet_id={pid}/page={page}/size={size} listByPetId	
GET	/calendar/list/doctor_id={id}/after_today listAfterTodayByDoctorId	
GET	/calendar/list/doctor_id={id}/after_today/page={page}/size={size} listAfterTodayByDoctorId	
GET	/calendar/list/doctor_id={id}/before_today listBeforeTodayByDoctorId	
GET	/calendar/list/doctor_id={id}/before_today/page={page}/size={size} listBeforeTodayByDoctorId	
GET	/calendar/list/doctor_id={id}/customer_id={cid}/page={page}/size={size} listByDoctorIdAndCustomerId	
GET	/calendar/list/doctor_id={id}/customer_id={no}/page={page}/size={size} listByDoctorIdAndCustomerNo	
GET	/calendar/list/doctor_id={id}/pet_cardno={no}/page={page}/size={size} listByDoctorldAndPetCardNo	a
GET	/calendar/list/doctor_id={id}/pet_chipno={no}/page={page}/size={size} listByDoctorldAndPetChipNo	1
GET	/calendar/list/doctor_id={id}/pet_id={pid}/page={page}/size={size} listByDoctorldAndPetId	



ed

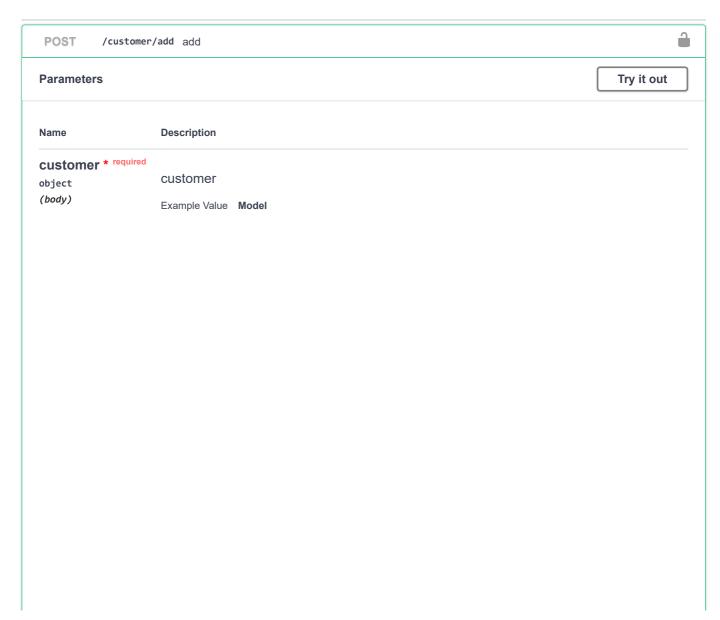
category-controller Category Controller





Code	Description
200	OK
	Example Value Model
	{}
201	Created
401	Unauthorized
403	Forbidden
404	Not Found

customer-controller Customer Controller



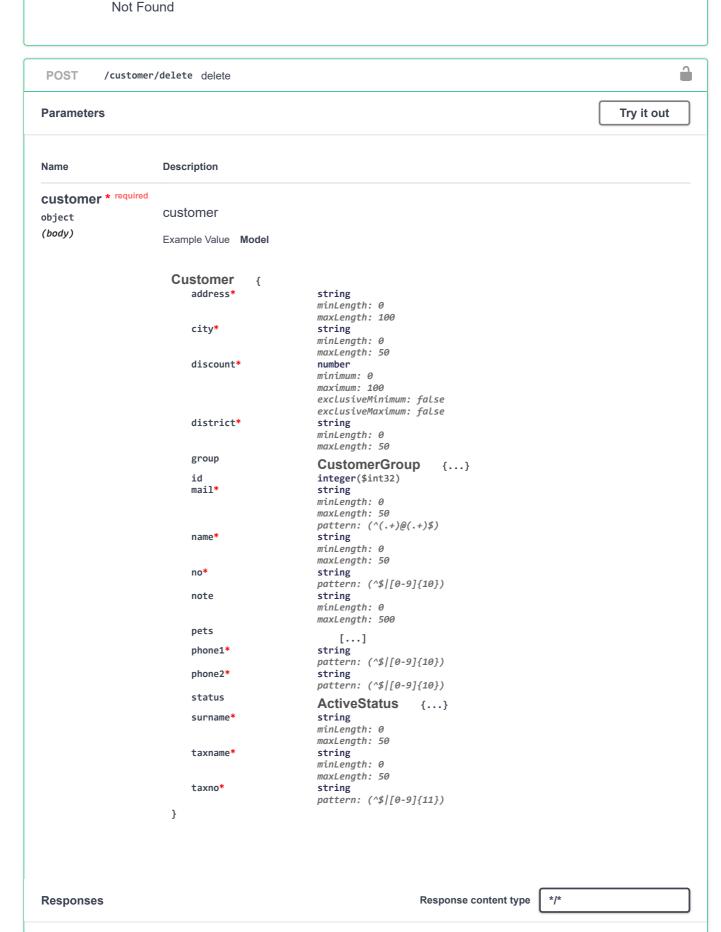
```
Customer
   address*
                           string
                           minLength: 0
                           maxLength: 100
   city*
                           string
                           minLength: 0
                           maxLength: 50
   discount*
                           number
                           minimum: 0
                           maximum: 100
                           exclusiveMinimum: false exclusiveMaximum: false
   district*
                           string
                           minLength: 0
                           maxLength: 50
   group
                           CustomerGroup {...}
   id
                           integer($int32)
   mail*
                           string
                           minLength: 0
                           maxLength: 50
                           pattern: (^(.+)@(.+)$)
   name*
                           string
                           minLength: 0
maxLength: 50
                           string
   no*
                           pattern: (^$|[0-9]{10})
   note
                           string
                           minLength: 0
                           maxLength: 500
   pets
                               [...]
   phone1*
                           string
                           pattern: (^$|[0-9]{10})
   phone2*
                           string
                           pattern: (^$|[0-9]{10})
   status
                           ActiveStatus
   surname*
                           string
                           minLength: 0
                           maxLength: 50
   taxname*
                           string
                           minLength: 0
                           maxLength: 50
   taxno*
                           string
                           pattern: (^$|[0-9]{11})
}
```

Responses

Response content type

/

Code	Description
200	OK
	Example Value Model
	0
201	Created
401	Unauthorized
403	Forbidden



Code	Description	
200	OK	
	Example Value Model	
	{}	
	()	
201		
201	Created	
401	Unauthorized	
403	Forbidden	
404	Not Found	
GET	/customer/elastic_search/key={key} elasticSearch	
GET	/customer/elastic_search/key={key}/page={page}/size={size} elasticSearch	
GET	/customer/find/id={id} find	
GET	/customer/find/no={no} find	
GET	/customer/list/all ist	
GET	/customer/list/page={page}/size={size} ist	
GET	/customer/list/status_id{sid}/page={page}/size={size} ist	
GET	/customer/list/status_id={sid} ist	
GET	/customer/search/key={key} search	
GET	/customer/search/key={key}/page={page}/size={size} search	
GET	/customer/search/status_id{sid}/key={key} search	
GET	/customer/search/status_id={sid}/key={key}/page={page}/size={size} search	
POST	/customer/update update	
Paramete		Try it out

```
Name
                      Description
customer * required
                      customer
object
(body)
                      Example Value Model
                       Customer
                                      {
                           address*
                                                  string
                                                 minLength: 0
                                                 maxLength: 100
                                                  string
                           city*
                                                 minLength: 0
                                                 maxLength: 50
                           discount*
                                                  number
                                                 minimum: 0
                                                 maximum: 100
                                                 exclusiveMinimum: false
                                                  exclusiveMaximum: false
                           district*
                                                  string
                                                 minLength: 0
                                                 maxLength: 50
                           group
                                                  CustomerGroup
                                                                      {...}
                                                  integer($int32)
                           id
                           mail*
                                                  string
                                                  minLength: 0
                                                  maxLength: 50
                                                 pattern: (^(.+)@(.+)$)
                           name*
                                                  string
                                                 minLength: 0
                                                 maxLength: 50
                           no*
                                                  string
                                                  pattern: (^$|[0-9]{10})
                           note
                                                  string
                                                  minLength: 0
                                                 maxLength: 500
                           pets
                                                      [...]
                                                 string
                           phone1*
                                                 pattern: (^$|[0-9]{10})
                           phone2*
                                                  string
                                                 pattern: (^$|[0-9]{10})
                           status
                                                  ActiveStatus
                                                                   {...}
                                                 string
minLength: 0
                           surname*
                                                  maxLength: 50
                           taxname*
                                                  string
                                                  minLength: 0
                                                 maxLength: 50
                           taxno*
                                                 string
                                                 pattern: (^$|[0-9]{11})
                       }
```

Responses Response content type */*

Code Description

OK
Example Value Model

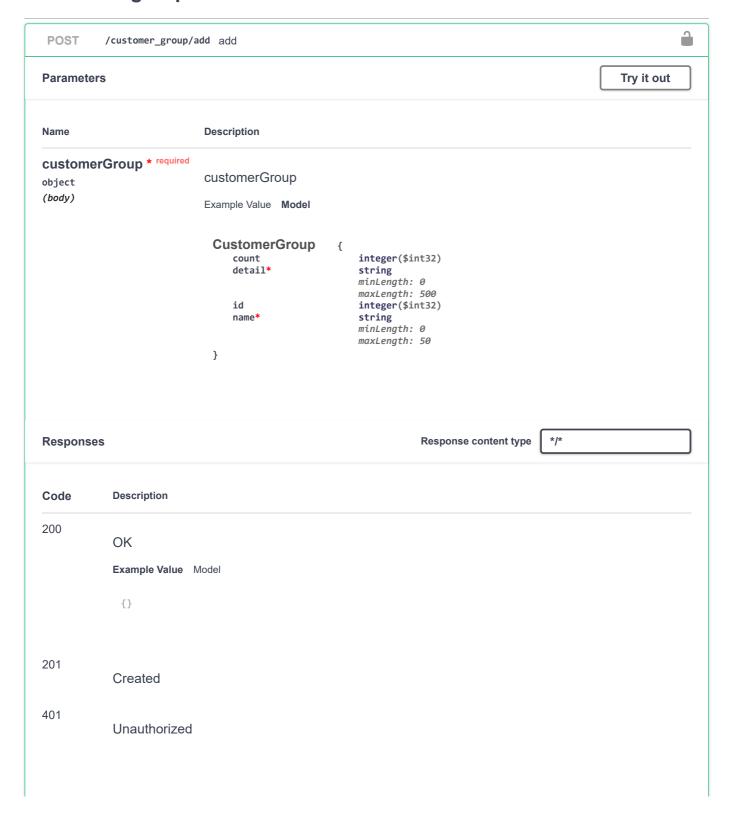
{}

201 Created

Code	Description	
401	Unauthorized	
403	Forbidden	
404	Not Found	

customer-group-controller Customer Group Controller

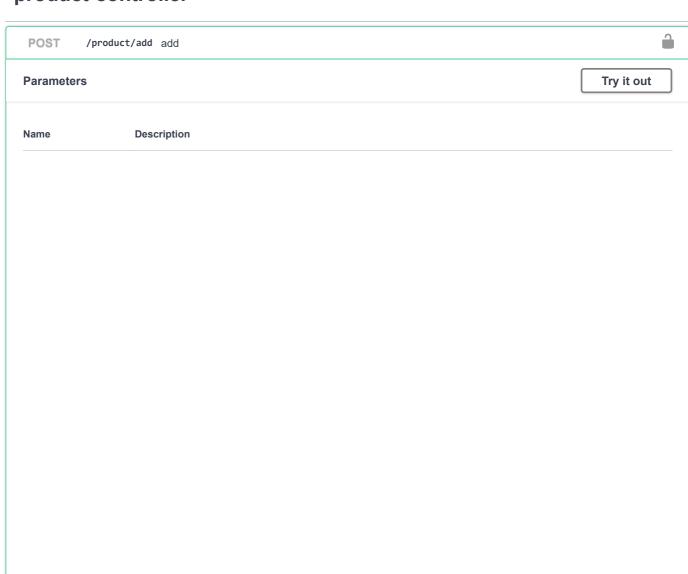




Code	Description	
403	Forbidden	
404	Not Found	
GET	/customer_group/customers/list/group_id={id} list	2
GET	/customer_group/customers/list/group_id={id}/page={page}/size={size} ist	î
GET	/customer_group/find/id={id} find	1
GET	/customer_group/list/all list	î
GET	/customer_group/list/page={page}/size={size} ist	1
GET	/customer_group/search/key={key} search	1
GET	/customer_group/search/key={key}/page={page}/size={size} search	1
POST	/customer_group/update update	î
Paramete	ers	Try it out
Name	Description	
object (body)	customerGroup Example Value Model CustomerGroup { count	
Respons	es Response content type */*	

Description	
OK	
Example Value Model	
{}	
Created	
Unauthorized	
Forbidden	
Not Found	
	OK Example Value Model () Created Unauthorized Forbidden

product-controller Product Controller



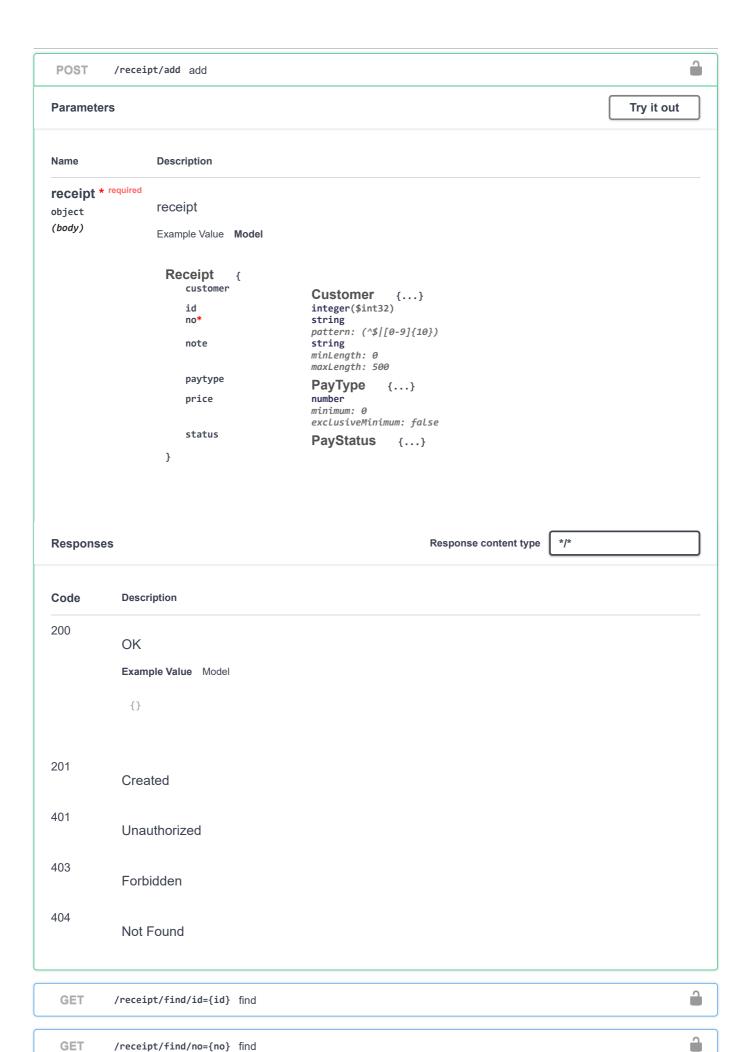
```
product * required
                   product
object
(body)
                   Example Value Model
                     Product
                        barcode*
                                               string
                                               pattern: (^$|[0-9]{13})
                         buy_price
                                               number
                                               minimum: 0
                                               exclusiveMinimum: false
                         category
                                               Category
                                                             {...}
                         code*
                                               string
                                               pattern: (^$|[0-9]{10})
                         {\tt crit\_stock}
                                               number
                                               minimum: 0
                                               exclusiveMinimum: false
                         id
                                               integer($int32)
                         name*
                                               string
                                               minLength: 0
                                               maxLength: 50
                         sell_price
                                               number
                                               minimum: 0
                                               exclusiveMinimum: false
                                               number
                         stock
                                               minimum: 0
                                               exclusiveMinimum: false
                         supplier
                                               Supplier {...}
                         tax
                                               Tax
                                                      {…}
                         type
                                               ProductType
                                                               {...}
                         unit
                                               Unit
                                                       {...}
                     }
                                                                                          */*
Responses
                                                                   Response content type
            Description
Code
200
            OK
            Example Value Model
              {}
201
            Created
401
            Unauthorized
403
            Forbidden
404
            Not Found
```

Name

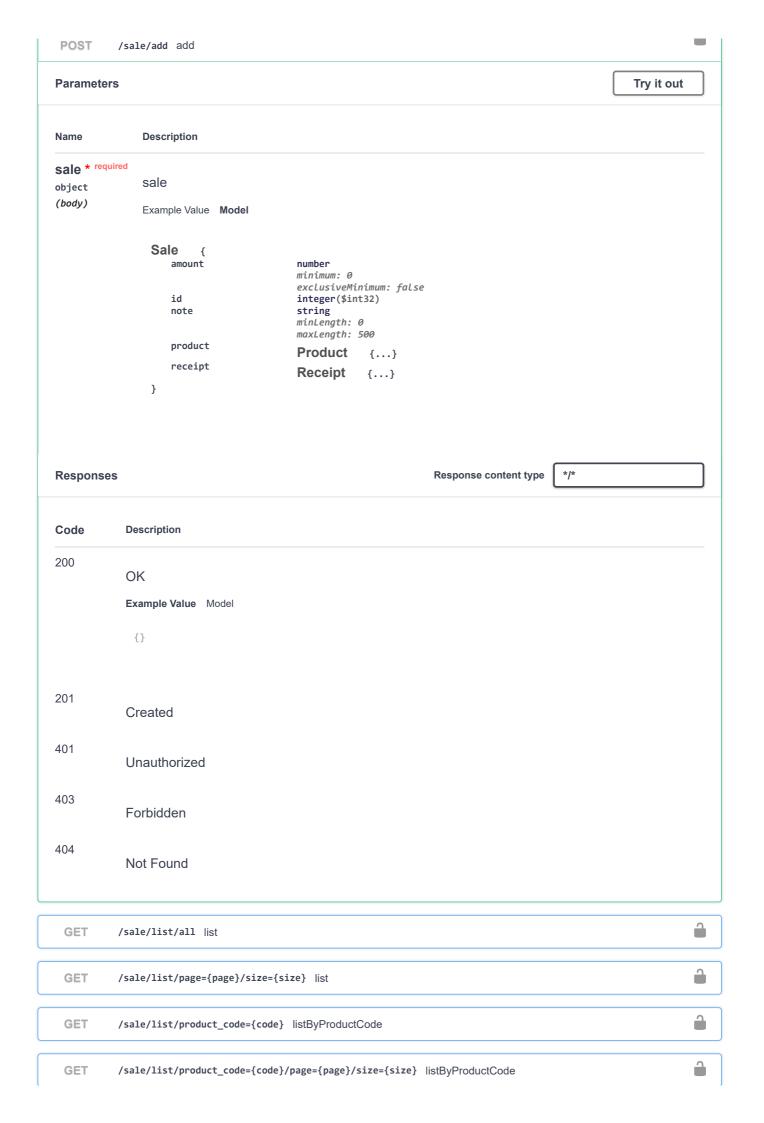
Description

Name	Description	
Paramete	ers	Try it out
POST	/product/update update	
GET	<pre>/product/search/unit_id={id}/key={key}/page={page}/size={size} searchWithUnit</pre>	
GET	/product/search/unit_id={id}/key={key} searchWithUnit	
GET	<pre>/product/search/type_id={id}/key={key}/page={page}/size={size} searchWithType</pre>	
GET	<pre>/product/search/type_id={id}/key={key} searchWithType</pre>	
GET	<pre>/product/search/supplier_id={id}/key={key}/page={page}/size={size} searchWithSupplier</pre>	
GET	<pre>/product/search/supplier_id={id}/key={key} searchWithSupplier</pre>	
GET	<pre>/product/search/key={key}/page={page}/size={size} search</pre>	
GET	/product/search/key={key} search	
GET	<pre>/product/list/unit_id={id}/page={page}/size={size} listByUnitId</pre>	
GET	/product/list/unit_id={id} listByUnitId	
GET	<pre>/product/list/type_id={id}/page={page}/size={size} listByTypeId</pre>	
GET	/product/list/type_id={id} listByTypeld	(
GET	/product/list/supplier_id={id}/page={page}/size={size} listBySupplierId	-
GET	/product/list/supplier_id={id} listBySupplierId	ı
GET	/product/list/page={page}/size={size} list	
GET	/product/list/all ist	
GET	/product/find/id={id} find	1

```
Name
                   Description
product * required
                   product
object
(body)
                   Example Value Model
                     Product
                        barcode*
                                               string
                                               pattern: (^$|[0-9]{13})
                        buy_price
                                               number
                                               minimum: 0
                                               exclusiveMinimum: false
                        category
                                               Category
                                                             {...}
                        code*
                                               string
                                               pattern: (^$|[0-9]{10})
                        crit_stock
                                               number
                                              minimum: 0
                                               exclusiveMinimum: false
                        id
                                               integer($int32)
                        name*
                                               string
                                               minLength: 0
                                               maxLength: 50
                        sell_price
                                               number
                                               minimum: 0
                                               exclusiveMinimum: false
                                               number
                        stock
                                               minimum: 0
                                               exclusiveMinimum: false
                        supplier
                                               Supplier {...}
                        tax
                                               Tax
                                                      {…}
                        type
                                               ProductType
                                                                {...}
                        unit
                                               Unit
                                                       {...}
                     }
                                                                  Response content type
                                                                                         */*
Responses
            Description
Code
200
            OK
            Example Value Model
             {}
201
            Created
401
            Unauthorized
403
            Forbidden
404
            Not Found
```



GET	/receipt/list/all list		
GET	/receipt/list/customer_id={cid}/status_id={sid} listByCustomerldAndStatusId		
GET	/receipt/list/customer_id={cid}/status_id={sid}/page={page}/size={size} listByCustomerldAndStatusId		
GET	/receipt/list/customer_id={id} listByCustomerId		
GET	/receipt/list/customer_id={id}/page={page}/size={size} listByCustomerId		
GET	/receipt/list/page={page}/size={size} list	1	
GET	/receipt/list/paytype_id={id} listByPaytypeId		
GET	/receipt/list/paytype_id={id}/page={page}/size={size} listByPaytypeId	1	
GET	/receipt/list/status_id={id} istByStatusId		
GET	/receipt/list/status_id={id}/page={page}/size={size} listByStatusId		
GET	/receipt/pay/id={id} pay		
GET	<pre>/receipt/search/customer_id={cid}/status_id={sid}/key={key} searchWithCustomerAndStatus</pre>		
GET	<pre>/receipt/search/customer_id={cid}/status_id={sid}/key={key}/page={page}</pre>		
GET	/receipt/search/customer_id={id}/key={key} searchWithCustomer		
GET	<pre>/receipt/search/customer_id={id}/key={key}/page={page}/size={size} searchWithCustomer</pre>		
GET	/receipt/search/key={key} search		
GET	<pre>/receipt/search/key={key}/page={page}/size={size} search</pre>		
GET	/receipt/search/paytype_id={id}/key={key} searchWithPaytype		
GET	<pre>/receipt/search/paytype_id={id}/key={key}/page={page}/size={size} searchWithPaytype</pre>		
GET	/receipt/search/status_id={id}/key={key} searchWithStatus		
GET	<pre>/receipt/search/status_id={id}/key={key}/page={page}/size={size} searchWithStatus</pre>		

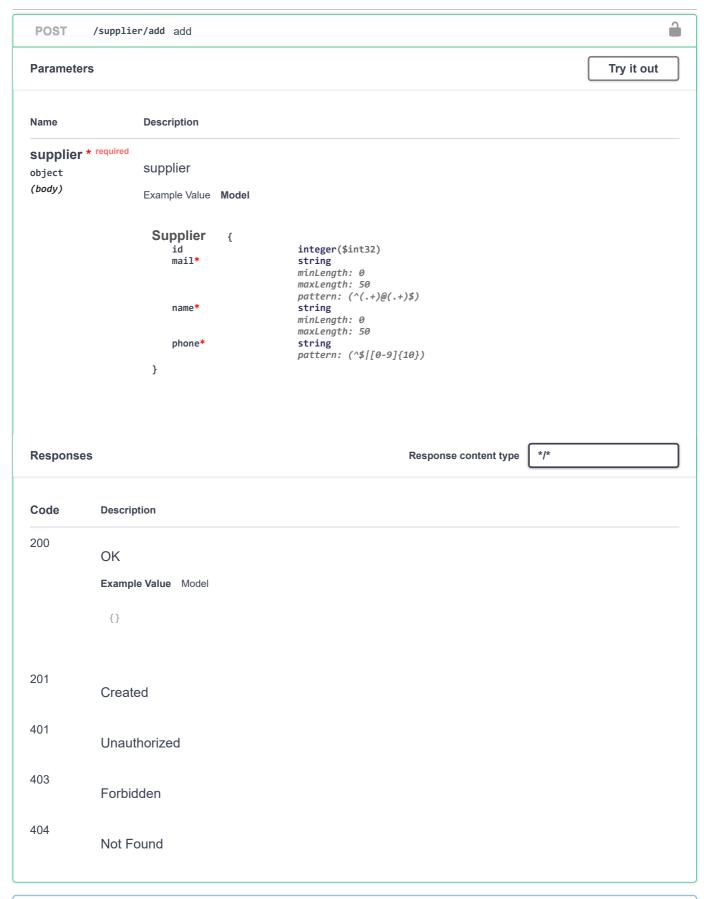


GET	/sale/list/product_id={pid} listByProductId				
GET	/sale/list/product_id={pid}/page={page}/size={size} listByProductId				
GET	/sale/list/receipt_id={rid} listByReceiptId				
GET	/sale/list/receipt_id={rid}/page={page}/size={size} listByReceiptId				
GET	/sale/list/receipt_no={no} listByReceiptNo				
GET	/sale/list/receipt_no={no}/page={page}/size={size} listByReceiptNo				
GET	/sale/search/key={key} search				
GET	/sale/search/key={key}/page={page}/size={size} search				
static-	static-controller Static Controller				
GET	/static/list/active_status listActiveStatus				
GET	/static/list/genders listGenders				
GET	/static/list/pay_status listPayStatus				
GET	/static/list/pay_types listPayTypes				
GET	/static/list/product_types listProductTypes				
GET	/static/list/races listRaces				
GET	/static/list/roles listRoles				
GET	/static/list/specs listSpecs				
GET	/static/list/taxes listTaxes				
GET	/static/list/test_status listTestStatus				
GET	/static/list/test_types listTestTypes				
GET	/static/list/units listUnits				



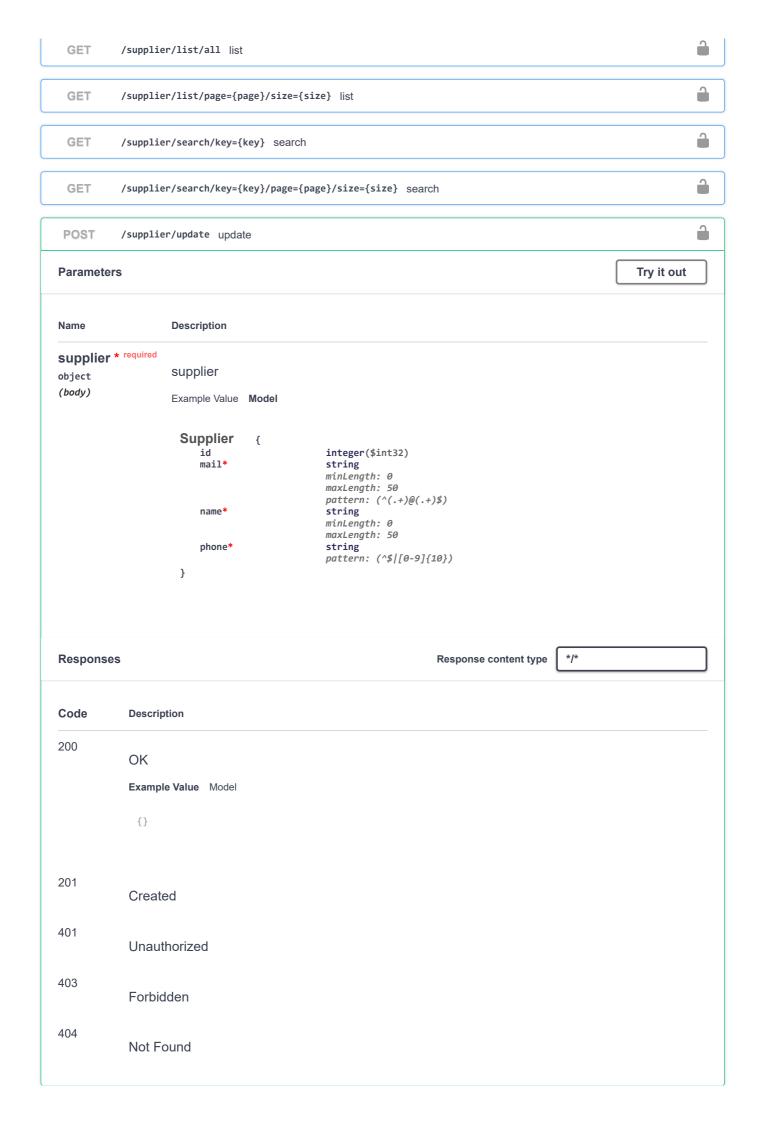
supplier-controller Supplier Controller





GET /supplier/find/id={id} find



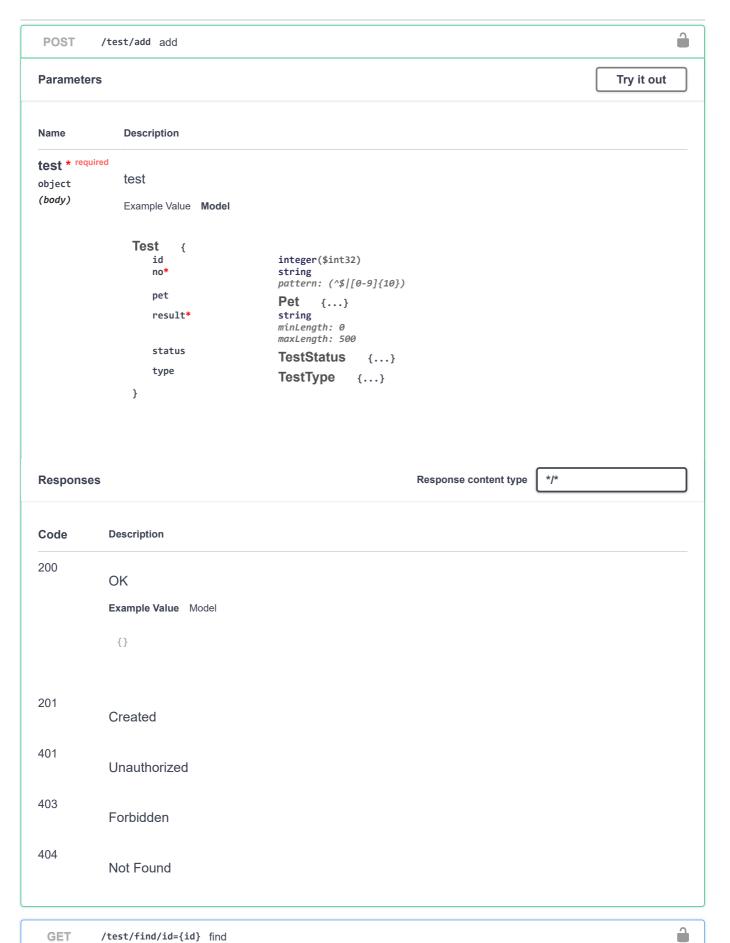


test-controller Test Controller

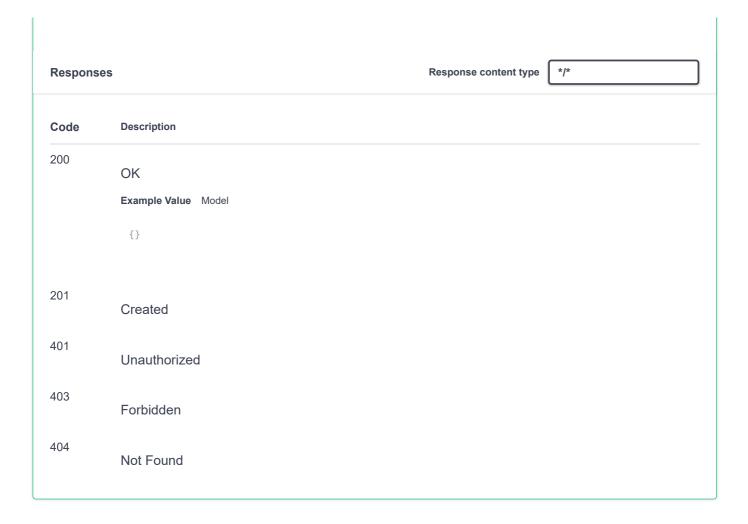
GET

/test/find/no={no} find

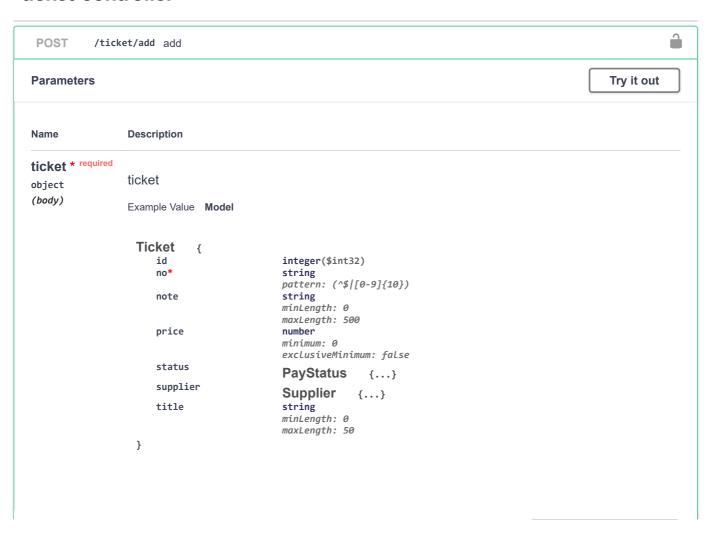




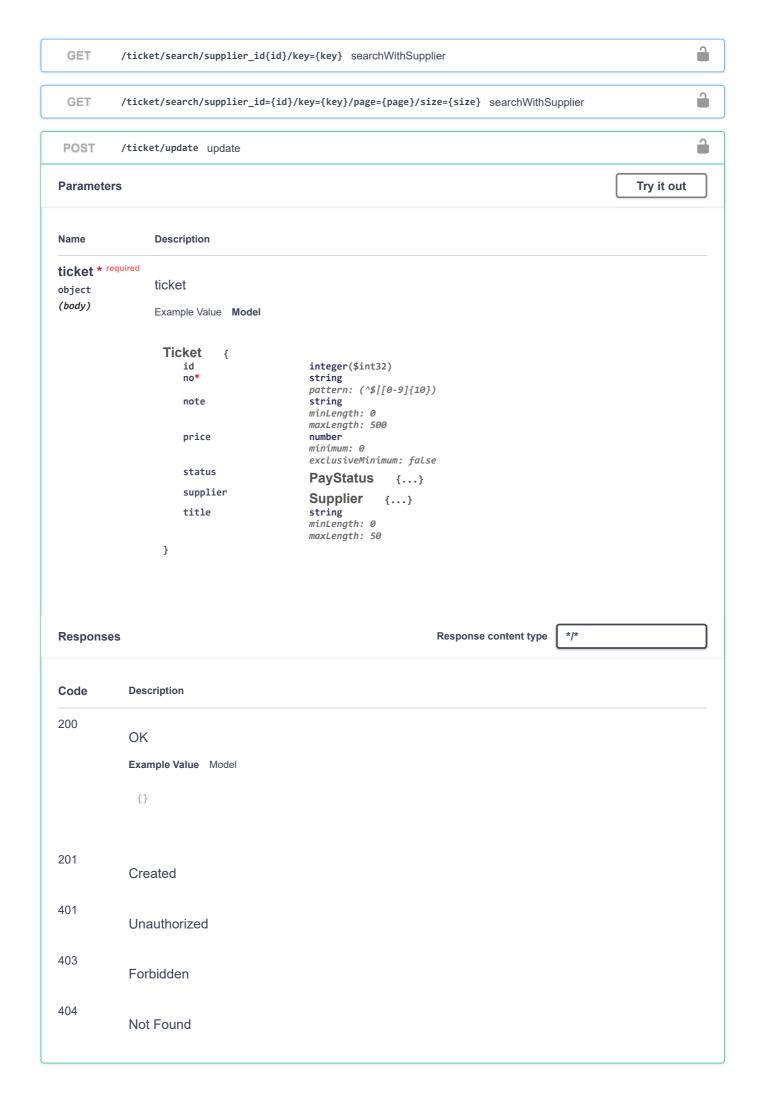
```
GET
           /test/list/all list
                                                                                                               GET
           /test/list/page={page}/size={size} list
                                                                                                               GET
           /test/list/pet_cardno={no} listByPetCardno
                                                                                                               GET
           /test/list/pet_cardno={no}/page={page}/size={size} listByPetCardno
                                                                                                               GET
           /test/list/pet_chipno={no} listByPetChipno
                                                                                                               /test/list/pet_chipno={no}/page={page}/size={size} listByPetChipno
 GET
                                                                                                               GET
           /test/list/pet_id={id} listByPetId
                                                                                                               GET
           /test/list/pet_id={id}/page={page}/size={size} listByPetId
                                                                                                               1
 GET
           /test/list/status_id={id} listByStatusId
                                                                                                               GET
           /test/list/status_id={id}/page={page}/size={size} listByStatusId
                                                                                                               GET
           /test/search/key={key} search
                                                                                                               GET
           /test/search/key={key}/page={page}/size={size} search
                                                                                                               GET
           /test/search/status_id={id}/key={key} searchWithStatus
                                                                                                               GET
           /test/search/status_id={id}/key={key}/page={page}/size={size} searchWithStatus
                                                                                                               POST
           /test/update update
Parameters
                                                                                                    Try it out
Name
               Description
test * required
               test
object
(body)
              Example Value Model
                Test
                        {
                   id
                                         integer($int32)
                                         string
                                         pattern: (^$|[0-9]{10})
                   pet
                                         Pet
                                                {...}
                   result*
                                         string
                                         minLength: 0
                                         maxLength: 500
                   status
                                         TestStatus
                                                         {…}
                   type
                                         TestType
                                                     {...}
                }
```



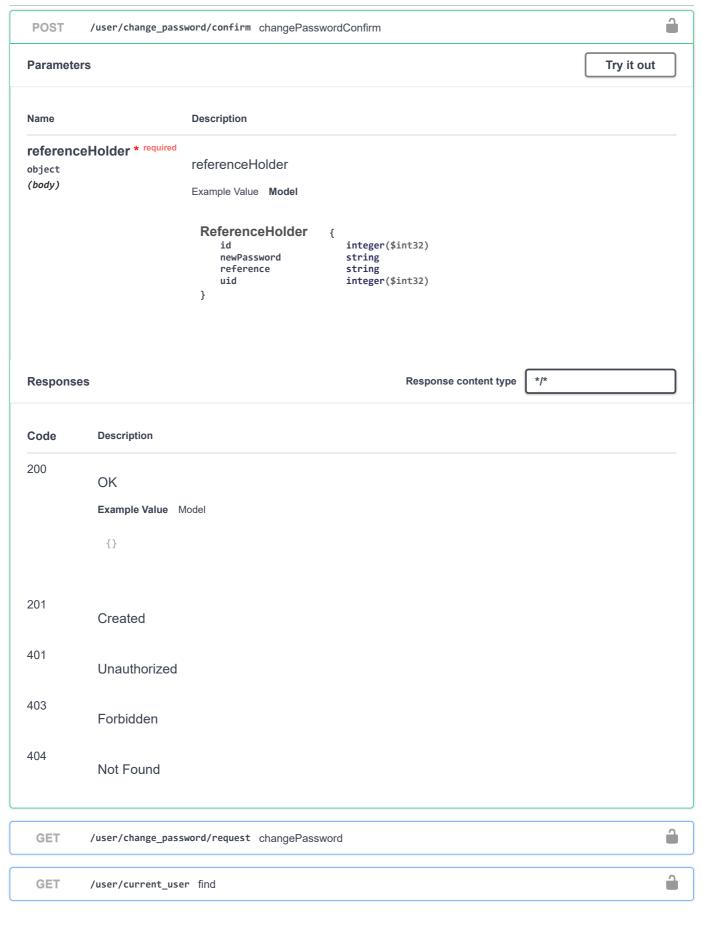
ticket-controller Ticket Controller

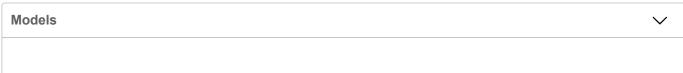


Respons	Response content type */*	
Code	Description	
200	OK	
	Example Value Model	
	0	
201	Created	
401	Unauthorized	
403	Forbidden	
404	Not Found	
GET	/ticket/find/id={id} find	
GET	/ticket/find/no={no} find	
GET	/ticket/list/all st	
GET	<pre>/ticket/list/page={page}/size={size} list</pre>	
GET	/ticket/list/status_id={id} listByStatusId	ſ
GET	<pre>/ticket/list/status_id={id}/page={page}/size={size} listByStatusId</pre>	
GET	/ticket/list/supplier_id={id} listBySupplierId	
GET	<pre>/ticket/list/supplier_id={id}/page={page}/size={size} listBySupplierId</pre>	
GET	/ticket/pay/id={id} pay	
GET	/ticket/search/key={key} search	
GET	/ticket/search/key={key}/page={page}/size={size} search	î
GET	<pre>/ticket/search/status_id={id}/key={key} searchWithStatus</pre>	î
GET	<pre>/ticket/search/status_id={id}/key={key}/page={page}/size={size} searchWithStatus</pre>	2









```
ActiveStatus
                           integer($int32)
   id
   name
                           string
}
Category
                           integer($int32)
   id
   name*
                           string
                          minLength: 0
                           maxLength: 50
}
Customer
                          string
   address*
                           minLength: 0
                           maxLength: 100
   city*
                           string
                           minLength: 0
                           maxLength: 50
   discount*
                           number
                          minimum: 0
                           maximum: 100
                           exclusiveMinimum: false
                           exclusiveMaximum: false
   district*
                           string
                           minLength: 0
                          maxLength: 50
   group
                           CustomerGroup
                                                {...}
   id
                           integer($int32)
   mail*
                           string
                           minLength: 0
                          maxLength: 50
pattern: (^(.+)@(.+)$)
                          string
   name*
                          minLength: 0
                           maxLength: 50
   no*
                           string
                           pattern: (^$|[0-9]{10})
   note
                           string
                           minLength: 0
                          maxLength: 500
   pets
                              [...]
                          string
   phone1*
                           pattern: (^$|[0-9]{10})
   phone2*
                           string
                          pattern: (^$|[0-9]{10})
   status
                           ActiveStatus
                           string
   surname*
                          minLength: 0
                           maxLength: 50
   taxname*
                           string
                          minLength: 0
                          maxLength: 50
                           string
   taxno*
                           pattern: (^$|[0-9]{11})
}
CustomerGroup
   count
                           integer($int32)
   detail*
                           string
                           minLength: 0
                           maxLength: 500
   id
                           integer($int32)
                          string
minLength: 0
   name*
                          maxLength: 50
}
```

```
Gender
                         integer($int32)
   id
   name
                         string
Meeting {
   customer
                         Customer \{...\}
   date*
                         string($date)
   doctor
                         User {...}
   hour*
                         string
                         integer($int32)
   id
   pet
                         Pet {...}
}
ModelAndView
                         boolean
   empty
   model
                            {...}
   modelMap
                         \{\dots\} boolean
   reference
                         string
   status
                         Enum:
                            Array [ 68 ]
   view
                         View
                                {...}
                         string
   viewName
}
Note {
   date*
                         string($date)
   hour*
                         string
   id
                         integer($int32)
                         string
minLength: 0
   note*
                         maxLength: 500
                         string
   title*
                         minLength: 0
maxLength: 50
   user
                         User {...}
}
PayStatus
   id
                         integer($int32)
   name
                         string
}
PayType
   id
                         integer($int32)
   name
                         string
}
```

```
Pet
      {
   birthdate*
                         string($date)
   cardno*
                         string
                         pattern: (^$|[0-9]{10})
   chipno*
                         string
                         pattern: (^$|[0-9]{10})
   color*
                         string
                         minLength: 0
                         maxLength: 50
   gender
                         Gender
                                    {...}
   has_spayed*
                         boolean
                         integer($int32)
   id
   name*
                         string
                         minLength: 0
                         maxLength: 50
   race
                         Race
                                  {...}
   spec
                         Spec
                                  {...}
}
Product
   barcode*
                         string
                         pattern: (^$|[0-9]{13})
   buy_price
                         number
                         minimum: 0
                         exclusiveMinimum: false
   category
                         Category {...}
   code*
                         string
                         pattern: (^$|[0-9]{10})
   crit_stock
                         number
                         minimum: 0
                         exclusiveMinimum: false
   id
                         integer($int32)
                         string
   name*
                         minLength: 0
                         maxLength: 50
   sell_price
                         number
                         minimum: 0
                         exclusiveMinimum: false
   stock
                         number
                         minimum: 0
                         exclusiveMinimum: false
   supplier
                         Supplier {...}
   tax
                         Tax
                                 {…}
   type
                         ProductType
                                         {...}
   unit
                         Unit
                               {...}
}
ProductType
   id
                         integer($int32)
                         string
   name
}
Race
         {
   id
                         integer($int32)
   name
                         string
}
```

```
Receipt
   customer
                           Customer {...}
                          integer($int32)
string
   no*
                           pattern: (^$|[0-9]{10})
   note
                           string
                          minLength: 0
                           maxLength: 500
   paytype
                           PayType
                                        {...}
   price
                           number
                           minimum: 0
                           exclusiveMinimum: false
   status
                           PayStatus {...}
}
ReferenceHolder
                           integer($int32)
                           string
   newPassword
   reference
                          string
integer($int32)
   uid
}
Role {
                           integer($int32)
   id
   title
                           string
}
Sale
   amount
                           number
                          minimum: 0
                           exclusiveMinimum: false
   id
                           integer($int32)
   note
                           string
                           minLength: 0
                          maxLength: 500
   product
                           Product
                                        {...}
   receipt
                           Receipt
                                      {...}
}
Spec
         {
                           integer($int32)
   id
   name
                           string
   race
                           Race {...}
}
Supplier
                          integer($int32)
string
   id
   mail*
                          minLength: 0
maxLength: 50
pattern: (^(.+)@(.+)$)
   name*
                           string
                          minLength: 0
                          maxLength: 50
   phone*
                          string
                          pattern: (^$|[0-9]{10})
}
```

```
Tax
                        number
   amount
   id
                        integer($int32)
Test
        {
                         integer($int32)
   id
                         string
                         pattern: (^$|[0-9]{10})
   pet
                         Pet {...}
                         string
   result*
                        minLength: 0
                        maxLength: 500
   status
                        TestStatus {...}
   type
                         TestType {...}
}
TestStatus
               {
                        integer($int32)
   id
   name
                         string
}
TestType
             {
                        integer($int32)
   id
   name
                        string
}
Ticket
         {
                         integer($int32)
   id
   no*
                         string
                        pattern: (^$|[0-9]{10})
   note
                         string
                        minLength: 0
                        maxLength: 500
   price
                        number
                         minimum: 0
                         exclusiveMinimum: false
   status
                         PayStatus {...}
   supplier
                         Supplier {...}
   title
                        string
                        minLength: 0
                        maxLength: 50
}
Unit
      {
                         integer($int32)
   id
   name
                         string
}
```

```
User {
email*
                             string
minLength: 0
maxLength: 50
pattern: (^(.+)@(.+)$)
   enabled
id
                             boolean
integer($int32)
    img
                             string
                             string
    name*
                             minLength: 0
maxLength: 50
    password*
                             string
   phone*
                             string
                             pattern: (^$|[0-9]{10})
    roles
                                  [...]
    status
                             ActiveStatus {...}
    tokenExpired
                             boolean
}
View {
    contentType
                          string
```