

VIS-Labor Webshop API

API-Beschreibung der Webshop-Implementierung im Rahmen des VIS-Labors, November 2015.

Version 0.8.0

Contact information

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Paths

/account/{user}

GET /account/{user}

login Account

Description

handles the login of a given user account

Parameters

Name	Located in	Description	Required	Schema
user	path	user name	Yes	\Rightarrow string
pass	header	user's password	Yes	\Rightarrow string

Responses

Code	Description
200	login procedure successfull
401	unauthorized login
404	user not found
500	internal service error

Try this operation

PUT /account/{user}

update Account

Description

updates existing account

Parameters

Name	Located in	Description	Required	Schema
user	path	user name of the account	Yes	\Rightarrow string
pass	header	user' password of the account	Yes	\Rightarrow string

Responses

Code	Description
200	account successfully updated
401	authorization error
404	user not found
500	internal server error

Try this operation

DELETE /account/{user}

delete Account

Description

deletes an account permanently

Parameters

Name	Located in	Description	Required	Schema
user	path	user name of the account to be deleted	Yes	\Rightarrow string
pass	header	user password of the account to be deleted	Yes	\Rightarrow string

Responses

Code	Description
200	account deleted
401	authorization error
404	user not found
500	internal server error

Try this operation

/account

POST /account

create Account

Description

creates a new account

Parameters

Name	Located in	Description	Required	Schema
user	header	user name of the new account	Yes	\Rightarrow string
pass	header	user' password of the new account	Yes	\Rightarrow string

Responses

Code	Description
201	account successfully created
500	internal server error

Try this operation

/category

POST /category

add Category

Description

add new category

Parameters

Name	Located in	Description	Required	Schema
id	header	ID of new category	Yes	\Rightarrow string

Responses

Code	Description
201	category successfully added
500	internal server error

Try this operation

GET /category

get Categories

Description

return list of all existing categories

Responses

Code	Description	Schema
200	array of strings	\Rightarrow ▼ Object type: "array"
500	internal server error	

Try this operation

/category/{id}

DELETE /category/{id}

delete Category

Description

delete an existing category

Parameters

Name	Located in	Description	Required	Schema
id	path	ID of the category to be deleted	Yes	\Rightarrow string

Responses

Code	Description
200	category successfully deleted
404	category not found
500	internal server error

Try this operation

/product/{id}

Description

return the current product information

Parameters

Name	Located in	Description	Required	Schema
id	path	id of the product	Yes	⇒ string

Responses

Code	Description	Schema
200	product object	<div><div>▼ {</div><div>data: ▼ Product {</div><div>product object</div><div>id: integer</div><div>price: double</div><div>info: string</div><div>category: string</div><div>}</div></div>
404	product not found	
500	internal server error	

Try this operation

Description

update an existing product

Parameters

Name	Located in	Description	Required	Schema
id	path	product id to be updated	Yes	\Rightarrow undefined
product header		new product specification to update	Yes	\Rightarrow <div><div>▼ Object</div><div>type: "object"</div><div>▼ properties: Object</div><div>▼ data: Object</div><div>description: "product object"</div><div>type: "object"</div><div>▼ properties: Object</div><div>▼ id: Object</div><div>type: "integer"</div><div>▼ price: Object</div><div>type: "double"</div><div>▼ info: Object</div><div>type: "string"</div><div>▼ category: Object</div><div>type: "string"</div><div>title: "Product"</div></div>

Responses

Code	Description
201	product successfully updated
404	product not found
500	internal server error

Try this operation

DELETE /product/{id}

delete Product

Description

delete a product

Parameters

Name	Located in	Description	Required	Schema
id	path	id of the product to be deleted	Yes	⇒ string

Responses

Code	Description
200	product successfully deleted
404	product not found
500	internal server error

Try this operation

/product/

Description

add a new product

Parameters

Name	Located in	Description	Required	Schema
product header	ID of the product	Yes	⇔	<div>▼ Object</div> <div>type: "object"</div> <div>▼ properties: Object</div> <div>▼ data: Object</div> <div>description: "product object"</div> <div>type: "object"</div> <div>▼ properties: Object</div> <div>▼ id: Object</div> <div>type: "integer"</div> <div>▼ price: Object</div> <div>type: "double"</div> <div>▼ info: Object</div> <div>type: "string"</div> <div>▼ category: Object</div> <div>type: "string"</div> <div>title: "Product"</div>

Responses

Code	Description
201	product successfully added
500	internal server error

Try this operation

GET /product/

get Products

Description

return list of all existing products

Responses

Code	Description	Schema
200	array of product objects	<div>▼ [</div> <div>⇔ data: ► Product { }</div> <div>]</div>
500	internal server error	

Try this operation

Models

Product

```
▼ Product {  
  product object  
  id:      integer  
⇔ price:   double  
  info:    string  
  category: string  
}
```