

Optimus Buy 3000 Webserver

1.0

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Chapter 1

Data Structure Index

1.1 Data Structures

Here are the data structures with brief descriptions:

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Chapter 2

Data Structure Documentation

2.1 DB_Connect Class Reference

Public Member Functions

- **connect** ()
- **close** ()

2.2 DB_Functions Class Reference

Public Member Functions

- [storeUser](#) (\$name, \$email, \$password)
- [getUserByEmailAndPassword](#) (\$email, \$password)
- [getShoppingListById](#) (\$shoppinglist_id)
- [getShoppingListByUserWithoutTags](#) (\$user_id)
- [getShoppingListByUser](#) (\$user_id)
- [getFridgeItems](#) (\$pUserid=4)
- [getBudgetByUserId](#) (\$user_id)
- [getShopById](#) (\$shop_id)
- [getShops](#) ()
- [getProductsByShopId](#) (\$shop_id)
- [getProducts](#) ()
- [getPreferencesById](#) (\$id)
- [isUserExisted](#) (\$email)
- [hashSSHA](#) (\$password)
- [checkhashSSHA](#) (\$salt, \$password)

2.2.1 Member Function Documentation

2.2.1.1 `checkhashSSHA ($salt, $password)`

Decrypting password

Parameters

<i>salt,password</i>	returns hash string
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2.2.1.2 `getBudgetByUserId ($user_id)`

Parameters

unknown	<i>\$user_id</i>	
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Returns

multitype:|boolean

2.2.1.3 `getFridgeItems ($pUserid = 4)`

Parameters

number	<i>\$pUserid</i>	
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Returns

multitype:|boolean

2.2.1.4 `getPreferencesById ($id)`

returns preferences of user

Parameters

int	<i>\$id</i>	user id
-----	-------------	---------

Returns

multitype:|boolean array with preferences or false if none found

2.2.1.5 `getProducts ()`

Returns

multitype:|boolean

2.2.1.6 `getProductsByShopId ($shop_id)`

returns products in a shop

Parameters

int	<i>\$shop_id</i>	id of shop
-----	------------------	------------

Returns

multitype:|boolean array of products or false if none found

2.2.1.7 `getShopById ($shop_id)`

Parameters

unknown	<i>\$shop_id</i>	
---------	------------------	--

Returns

multitype:|boolean

2.2.1.8 getShoppingListById (*\$shoppinglist_id*)

Parameters

unknown	<i>\$shoppinglist_id</i>	
---------	--------------------------	--

Returns

multitype:|boolean

2.2.1.9 getShoppingListByUser (*\$user_id*)

returns shoppinglist of user only products that have rfid tags

Parameters

integer	<i>\$user_id</i>	
---------	------------------	--

Returns

shoppinglist as array or false if no shoppinglist

2.2.1.10 getShoppingListByUserWithoutTags (*\$user_id*)

return shoppinglist of user

Parameters

integer	<i>\$user_id</i>	
---------	------------------	--

Returns

shoppinglist as array or false if no shoppinglist

2.2.1.11 getShops ()

returns all shops

Returns

multitype:|boolean array with shops, false if none found

2.2.1.12 getUserByEmailAndPassword (*\$email*, *\$password*)

Get user by email and password

Parameters

string	<i>\$email</i>	
string	<i>\$password</i>	

Returns

Ambiguous <resource, multitype:>|boolean

2.2.1.13 hashSSHA (*\$password*)

Encrypting password

Parameters

<i>password</i>	returns salt and encrypted password
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2.2.1.14 isUserExisted (*\$email*)

Save new Settings check if user exists or not

Parameters

string	<i>\$email</i>	
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Returns

boolean true if user exists, false if not

2.2.1.15 storeUser (*\$name*, *\$email*, *\$password*)

Storing new user

Parameters

unknown	<i>\$name</i>	
unknown	<i>\$email</i>	
unknown	<i>\$password</i>	

Returns

multitype:|boolean user details or false if failed

2.3 Maut Class Reference**Public Member Functions**

- [__construct](#) (array \$pPreferences)

Protected Member Functions

- [init](#) ()

Protected Attributes

- **\$mPreferences** = array()

2.3.1 Detailed Description

This class is responsible for the MAUT computing. (Multi Attribute Utility Theory)

Author

vlad

2.3.2 Constructor & Destructor Documentation

2.3.2.1 __construct (array \$pPreferences)

Initializes the [Maut](#) class.

2.3.3 Member Function Documentation

2.3.3.1 init () [protected]

Initializes stuff..

2.4 UserPreferences Class Reference

Public Member Functions

- [__construct](#) (array \$pPreferences)

Protected Attributes

- **\$mPreferences**

2.4.1 Detailed Description

Represents the user preferences.

2.4.2 Constructor & Destructor Documentation

2.4.2.1 __construct (array \$pPreferences)

Initializes the [UserPreferences](#) Class.

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