API SHOPPING CART FUNCTIONS

All calls are required to be made with POST requests.

This element of the API is still in BETA and so parameters and return values could change.

The calls should be made to the main API at https://api.artlookonline.com.

Processing of a cart should be done using Paypal (or other gateway) and the API informed of the result (see below)

All other documented API calls function normally at this address.

SETTINGS CONTROLLED FROM ARTLOOK BACKEND

TURN ECOMMERCE ON/OFF

Settings > Website > Use Artlook ecommerce (if available) CHECKBOX

SHIPPING – CHARGE ONLY ONCE EVEN IF SEVERAL ITEMS

Settings > Shipping > Multiple items - charge shipping only once > Yes / No

SHIPPING FREE ABOVE SPECIFIED AMOUNT

Settings > Shipping > No shipping charge when value exceeds ... £____

API CALLS

CALL	NEEDS LOGIN?	ACTION
account_details	Yes	*Set customer address etc*
account_forgotpw	No	*Request to reset customer password*
account_get	Yes	*Get customer address etc*
account_history	Yes	*Get previous purchases*
account_logged_in	No	*Check if logged in*
account_login	No	*Log customer in*
account_logout	Yes	*Log customer out*
account_new	No	*Create new customer account*
account_resetpw	No	*Reset customer password*
account_shipaddress	Yes	*Set customer shipping address if different to billing*
cart_add	No	*Add an item to the cart*
cart_addshipping	No	*Add shipping costs/method*
cart_check	No	*Returns cart count, value and customer name*
cart_close	Yes	*Update the Artlook tables after a sale, or unlock the items and empty the cart*
cart_empty	No	*Empty the cart*
cart_list	No	*List the items in the cart*
cart_make_id	No	*Create a new session ID*
cart_remove	No	*Remove an item from the caart*
ship_options	Yes	*Get the shipping options appropriate to the items and the destination*

GET A NEW SESSION ID
The API can return you a unique session ID to use if you wish. Alternatively, you can use your own but it has to be unique to avoid clashes with other tenants. NB the id MUST begin with an alphabetical character.

```
/cart_make_id
```

Returns a string which can be used as a unique session ID NB It will always start with "cart_".

CREATE A NEW CUSTOMER ACCOUNT

```
/account_new?email=xxx&password=xxx&tenant=xxx&sessionId=xxx
```

Parameters:
- *email: full email address*
- *password: any 8 characters*
- *tenant: a valid tenant id for an Artlook client*
- *sessionId: you must generate a unique session ID (see above /cart_make_id)*

Return values:
- *result: 'success' (on success)*
- *valid data: true / false*
- *existing customer: true / false*
- *has online account: true / false*
- *account: account ID*
- *tenant id: tenant ID*

LOG A CUSTOMER IN

```
/account_login?email=xxx&password=xxx&tenant=xxx&sessionId=xxx
```

Parameters:
  - *email: full email address*
  - *password: any 8 characters*
  - *tenant: a valid tenant id for an Artlook client*
  - *sessionId: you must generate a unique session ID (in Laravel: session()->getId())*

Return values ON SUCCESS:
  - *result: 'success'*
  - *account: account ID*
  - *tenant id: tenant ID*
  - *session_id: session ID*
  - *name: full name (if exists)*

Return values ON FAIL:
  - *result: 'fail'*
  - *reason: Incorrect password | Account not found | Invalid or insufficient login data*

CHECK IF A CUSTOMER IS LOGGED IN

```
/account_logged_in/{id}/{tenant_id}
```

Where id is a valid Artlook contact id (account). And tenant_id is the correct Artlook tenant

Return values
  - *result: true / false*
  - *session: session ID (if logged in)*
  - *message*

LOG A CUSTOMER OUT

```
/account_logout/{id}/{tenant_id)
```

Where id is a valid Artlook contact id and tenant_id is that of the matching Artlook tenant

Returns success (or fail if the tenant_id does not match)..

SET CUSTOMER ADDRESS

```
/account_details/{id}?name=Jo%20Bloggs&address1=xxx&address2=xxx&city=xx
x&province=xxx&country=xxx&postcode=xxx&phone=12345&session_id=xxx
```

Parameters:
- *id: a valid Artlook contact id*
- *name: optional*
- *address1: optional*
- *address2: optional*
- *city: optional*
- *province: optional*
- *country: optional*
- *postcode: optional*
- *phone: optiona*
- *session_id: the currently logged in session*

Return values
- *result: success / fail*
- *customer: contact ID from Artlook (if success)*
- *reason: Account not found (if fail)*

SET SHIPPING ADDRESS

```
/account_shipaddress/{id}?address=xxx&city=xxx&country=xxx&postcode=xxx&
session_id=xxx
```

Parameters:
- *id: a valid Artlook contact id*
- *address: required*
- *city: required*
- *country: required*
- *postcode: required*
- *session_id: current session*

Return values:
- *result: success / fail*
- *customer: contact id (if success)*
- *reason: Account not found (if fail)*

GET ACCOUNT HISTORY

```
/account_history/{id}?session_id=xxx
```

Where id is a valid Artlook contact id and session_id is current session.

Return values ON SUCCESS:
- *result: 'success'*
- *customer: account ID*
- *count: number of transactions*
- *transactions: array of transactions*
  - *Activity: Purchased/Reserved/Returned,*
  - *Item: Artwork title and artist name,*
  - *Price: price,*
  - *date: transaction date,*
  - *Transaction ID: Artlook transaction ID*

Return values ON FAIL:
- *result: No transactions / Account not found*
- *count: 0*

GET CUSTOMER DETAILS

```
/account_get/{customer_id}?session_id=xxx
```

Where id is a valid Artlook contact id and session_id is the logged in session

Return values ON SUCCESS:
- *result: 'success'*
- *customer: billing address with field names*
- *email: customer email*
- *shipaddress: shipping address with field names*
- *address: billing address formatted*
- *ship_address: shipping address formatted*

ADD ITEM TO CART

```
/cart_add/{line}?session_id=xxx&customer=xxx
```

Parameters:
- *line: a valid Artlook inventory (LINES table) id*
- *session_id: required*
- *customer: optional – a valid Artlook contact id*
- *quantity: optional*
- *price: optional (if overriding the price)*

Return values ON SUCCESS:
- *result: 'success'*
- *customer: customer id (if given)*
- *line: line id*
- *basket_size: number of items now in the basket / cart*
- *total: total value of basket / cart*
- *quantity: number added to cart*
- *cart_id: the unique cart id for this entry*

REMOVE ITEM FROM CART

```
/cart_remove/{cartId}
```

Where cartId is a valid shopping cart ID. IDs for each cart item are returned with other item details whenever the cart is interrogated.

Return values ON SUCCESS:
- *result: 'success'*
- *total: total value of items remaining in the cart*
- *count: total number of items remaining in the cart*

EMPTY THE CART

```
/cart_empty/{sessionId}
```

Where sessionId is the session ID that has been in use for the current session.

Always returns success.

GET A LIST OF ITEMS IN THE CART WITH THEIR DETAILS

`/cart_list/{sessionId}`

Where sessionId is the session ID that has been in use for the current session.

Return values:
- *cartitems: an array of items in the cart*
- *count: number of items in the cart*
- *value: total value of items in the cart*

Where cartitems has the structure:
- *id: the unique cart ID for the item*
- *session_id: the session ID*
- *line_id: the Artlook ID from the LINES table*
- *lineitem_id: the Artlook ID from the LINEITEMS table*
- *customer_id: the Artlook contact ID for the customer*
- *price: the price of the item*
- *quantity: not yet in use*

MAKE A QUICK CHECK OF WHAT IS IN THE CART

`/cart_check/{sessionId}`

Where sessionId is the session ID that has been in use for the current session.

Return values:
- *count: total number of items in the cart*
- *value: total value of items in the cart*
- *customer: Artlook contact ID of the customer IF LOGGED IN*

GET SHIPPING OPTIONS & PRICES

`ship_options/{sessionId}`

Where sessionId is the session ID that has been in use for the current session.

Return values:
- *result: success / Shipping not allowed (destination not permitted)*
- *options: an array of shipping options*
- *can collect: yes / no*

ADD SHIPPING

```
/cart_addshipping/{session_id}?method=xxx[&charge=xxx&description=xxx]
```

Where sessionId is the session ID that has been in use for the current session and method is one of:
- an ID returned by ship_options above
- 0 for customer collection
- -1 for a custom charge and description

Return values:
- *result: success / Shipping not allowed (destination not permitted)*
- *message*
- *charge*
- *description*

PROCESS THE CART AFTER PAYMENT SUCCESS (OR FAIL)
After the website has processed the payment for the cart contents, the API needs to update Artlook

```
/cart_close/{sessionId}?success=xxx
```

Where success is set to either `true` or `false`.

If success is true, this will update the Artlook database so fhe transactions are posted to all the relevant tables. Otherwise the cart is emptied and the items are set back to available for sale.

FORGOTTEN PASSWORDS
To reset a forgotten password, a reset code has to be requested from the API:

```
account_forgotpw/{customer}
```

Where customer is a valid Artlook contact ID.

If the customer is found the return values are result = success and token = the reset token.

That should then be embedded as a hidden field called "token" in a form for the user to submit their changed password. The form should be submitted to:

```
account_resetpw
```

which will return success or fail (would only fail if the contact account did not exist).