

ArtfulBits Shopping Cart

For Microsoft® SharePoint®



User Guide

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Overview

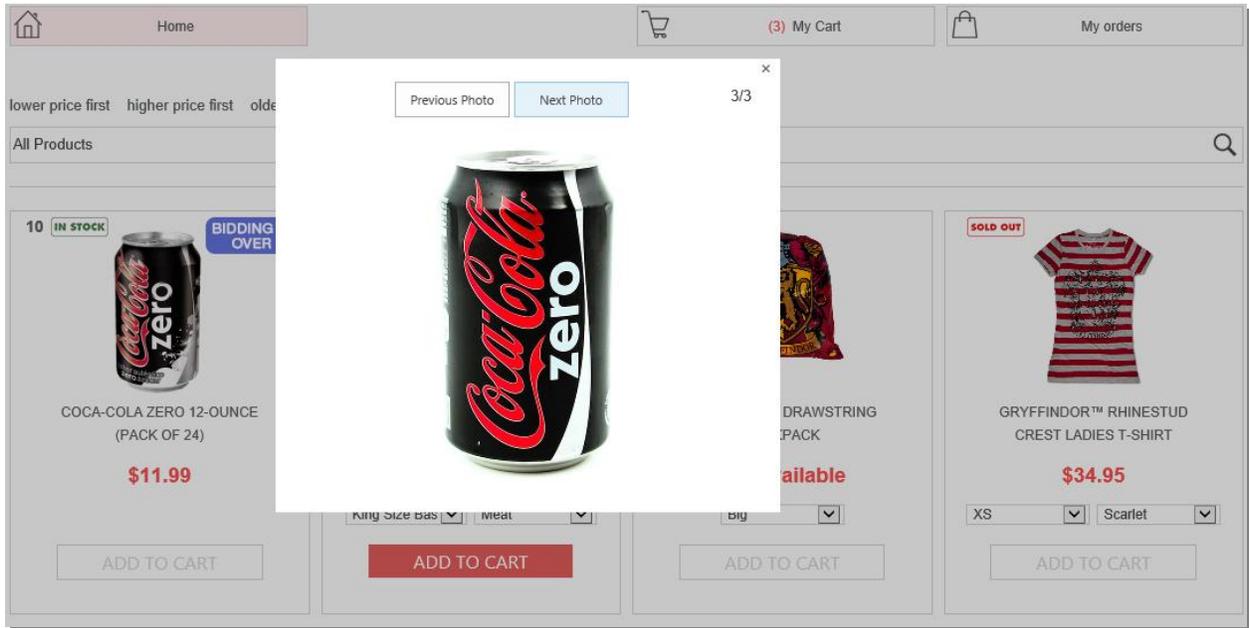
ArtfulBits Shopping Cart is intended to provide ecommerce functionality.

This web part provides a possibility to exhibit items for sale, its description, images, price, size, type or category, availability, amount in stock, submit or resend an order, pay by PayPal or on delivery, save order in history, choose approver and take part in the contest by bidding on special product.

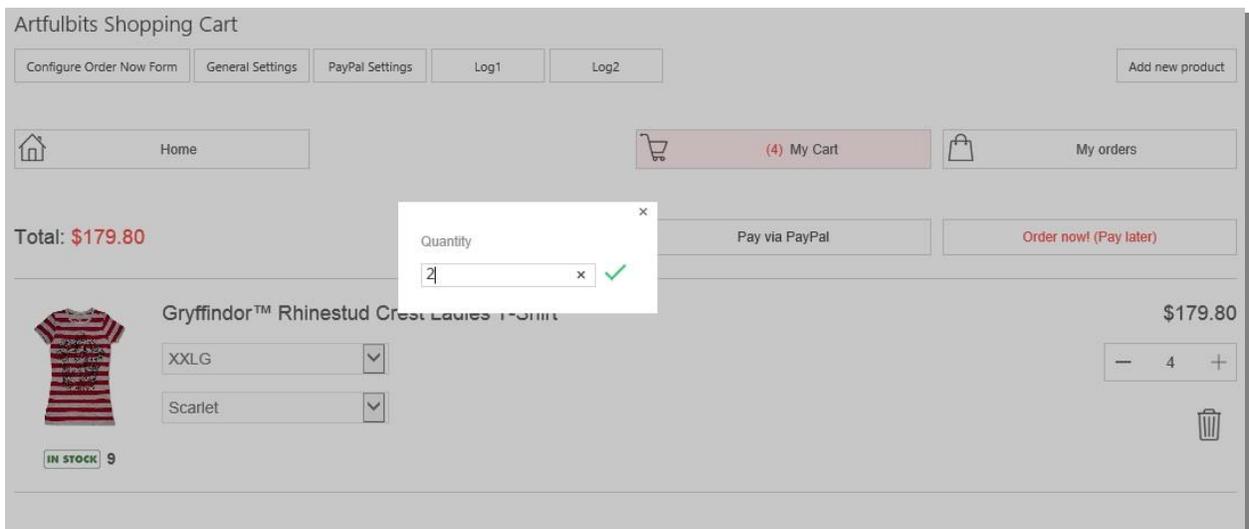
ArtfulBits Shopping Cart allows providing **different categories and subcategories of goods for sale**. Therefore, it is very easy to find a specific set of items for purchase and filter them out:

The screenshot displays the 'Products' section of the shopping cart. At the top right, there are links for 'My Cart' and 'My orders'. Below these, there are filters for 'Category' (set to 'Accessories') and 'Subcategory' (with a dropdown menu showing 'All Products', 'Bags', 'Gloves', and 'Headbands'). A search pattern field and a 'Sorting' dropdown (set to 'lower price first') are also visible. The main product listing features a yellow SpongeBob Plush Backpack with a price of \$22.95. The product description includes a warning: 'WARNING: CHOKING HAZARD - Small parts. Not for children under 3 yrs.' Below the product image, there are dropdown menus for size (set to 'L') and color (set to 'Black'). At the bottom of the product listing, there are buttons for 'Add to Cart', 'Manage product data' (with sub-buttons for 'Edit price / stock', 'Edit product', and 'Delete product'), and 'Manage bidding data' (with a 'New' button).

An image gallery can be easily provided for every product:



While a product is in the cart, a customer can **change its quantity, remove from the purchase list or return.** Then the order can be processed via Order Now form either with **PayPal** or **POD** option.



Feature List

Feature	SharePoint Server 2010	SharePoint Server 2013	SharePoint Server 2016
Product 2-level categorization	✓	✓	
Cart view	✓	✓	
Basic information about product (price, description, image, availability)	✓	✓	
Product image gallery	✓	✓	
Smooth loading (no full postbacks)	✓	✓	
Filtering products by categories and subcategories	✓	✓	
Sorting by price and date	✓	✓	
History of purchase and resend order option	✓	✓	
Payment method: On Delivery and PayPal	✓	✓	
Configurable "Order Now" form	✓	✓	
Bidding functionality	✓	✓	
Email purchase confirmation and configurable Email Templates	✓	✓	
Order Approvers option	✓	✓	
Return products option	✓	✓	
Goods Shelves	✓	✓	
Search Products	✓	✓	
Language pack support (desired localization can be added by request)	✓	✓	

Why ArtfulBits Shopping Cart?

ArtfulBits Shopping Cart is a simple and efficient solution for approaching your ecommerce processes. Most solutions available on the market offer complex and extremely packed solutions. However small and mid-size companies don't need gigantic modules for ecommerce. That's why ArtfulBits provides a simple tool that provides a commonly used set of functionalities: cart view, goods shelves, and information about products, categories of products, pay via PayPal, bidding, information about product availability, customizable notification, variations of the same product by a chosen category or subcategory with the possibility to filter and preview pictures. Also a history of purchases is kept in the cart. These modules can be easily enhanced. This is an ideal solution for small business, as it will quickly enable you to start selling on your site. Also it is very straightforward when it comes to configuration and is intuitively understandable.

How to Use

Configuration 2010

In order to configure **ArtfulBits Shopping Cart Web Part** you need to complete several steps:

1. Use the installer provided in the package to install the Web Part (see Install Guide for more details).
2. Navigate to any Site Collection selected during the installation process:
 - a. Go to Site Collection Features and activate “ArtfulBits Shopping Cart” feature.
 - b. Go to “Create new site” menu, select “ArtfulBits Shopping Cart Web Part” site template, fill in Title & Url name and click create.
3. You will be redirected to a newly created site that includes ArtfulBits Shopping Cart Web Part and all required infrastructure.

Configuration 2013/2016

In order to configure **ArtfulBits Shopping Cart Web Part** you need to complete several steps:

1. Use the installer provided in the package to install the Web Part (see Install Guide for more details).
2. Navigate to any Site Collection selected during the installation process:
 - a. Go to Site Collection Features and activate “ArtfulBits ShoppingCart Lists” feature.
 - b. Go to “Create new site” menu, select “ArtfulBits Shopping Cart Web Part” site template, fill in Title & Url name and click create.
3. You will be redirected to a newly created site that includes ArtfulBits Shopping Cart Web Part and all required infrastructure.

How to Add a New Product

1. Click “**Add new product**”.

Configure Order Now Form
General Settings
PayPal Settings
Add new product

Products
My Cart
My orders

Category

Subcategory

Search pattern

Sorting



Food Basket

In short, the food basket, also called the farmer's basket, is a customized basket of local agricultural products for daily individual consumption, which is put together by a center of coordination, with crops from a number of local farms. This center matches the needs of consumers with the local producers. It is a flat decentralized organization.

\$11.98 (4)

Add to Cart

2. Click **"Edit product"** and add information to the required fields: **Title, Description and Description (For Filtering)**.
3. Checkbox **"Visible"** by default is unchecked. If you want to make the product available on the main view of the Shopping Cart, check **"Visible"** and click **"Save"**.
4. You can also provide a number of items in stock if you click on **"Edit price/stock"** and provide a value in **"Amount in stock"** field. This amount will be displayed nearby **"In stock"** indicator

NOTE: If you don't want to display the number of items in stock, but want to display **"In stock"** indicator besides the product, uncheck the checkbox **"Display stock count for the clients"** in **General Settings**.

5. Click  for confirmation

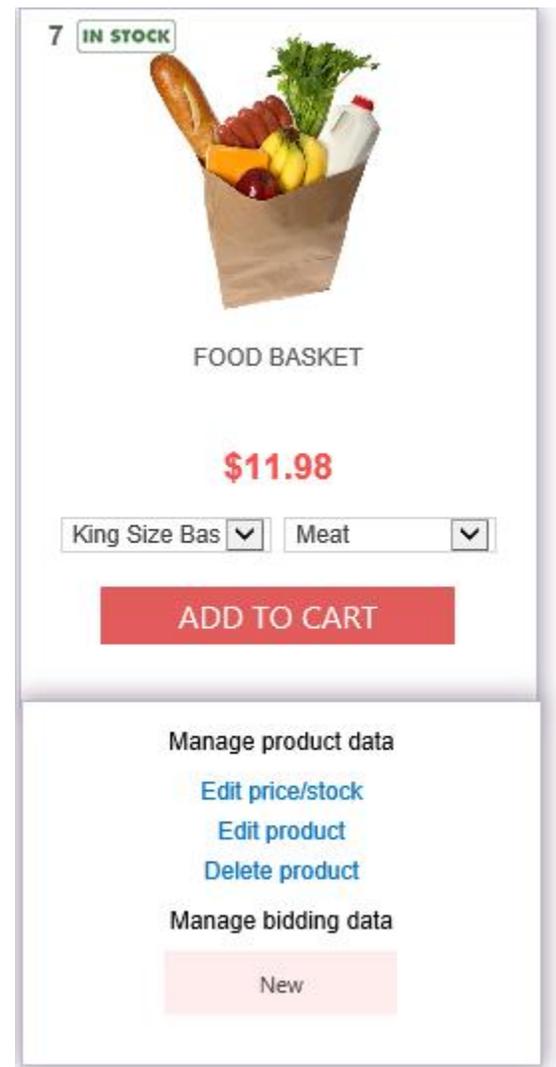
After saving this information, a new product will appear on the main view of the Shopping Cart. A user with Full Control access level will be able to see additional buttons for each product in the main view, when hovering over the product:

Under “Manage product data”: **Edit price/stock**, **Edit product**, **Delete product**

Under “Manage bidding data”: **New**.

Edit Product form contains other options

1. **Product Image.** You can add Image URL for the image that will be displayed on the main view. E.g.: <http://store.img1.jpg>
2. **Image Description.**
3. **Category** and **SubCategory** of the product.
4. **Gallery.** It contains additional product images that can be viewed in the image gallery after clicking on the **Product image** in the product view. You may enter any amount of new-line separated image URL's:
<http://store.img1.jpg>
<http://store.img2.png>



Edit Price/Stock form

ArtfulBits Shopping Cart provides a possibility to indicate the price and the number of items left in stock for each product. This option can be managed via **Edit Price/Stock** form which provides the following options:

Price/Stock for product

If you have just a single product type, then you can provide its price in **General Price** field. The price can be provided as *double or integer data type*.

General price

Stock count (not required). If you are using different variations of the product (sizes and/or types) fill individual stock count for each variation.

Sizes (use ';' to separate)

Types (use ';' to separate)

Price/Stock for different product types

If you have different product types and, therefore, different price for these types of the product, you can provide it in the following way:

1. Provide sizes and types of the products divided by semicolon

Sizes (use ';' to separate)

Types (use ';' to separate)

2. Provide Price value for each size/type of your choice:

Size	Type	Price	Stock count	
King Size Basket	Meat	11.98	4	✗
King Size Basket	Bread	12.99	6	✗
King Size Basket	Milk	15.99	7	✗
Middle Size Basket	Meat	11.99	5	✗
Middle Size Basket	Bread	12.99	5	✗
Middle Size Basket	Milk	15.99	7	✗
Small Size Basket	Meat	11.99	5	✗
Small Size Basket	Bread	12.99	6	✗
Small Size Basket	Milk	15.99	6	✗

Add

3. You can also provide a number of items in stock for each size/type of your product.

4. Click  for confirmation

Stock indicators

ArtfulBits Shopping Cart provides several out-of-box stock indicators:

“**In Stock**” indicator – appears, when more than 1 items are in stock. Nearby is displayed the number of items in stock

“**Last piece**” indicator – appears when 1 item is left in stock

“**Sold Out**” indicator - appears if 0 items are left in stock.

IN STOCK

LAST PIECE

SOLD OUT

The orders are prevented from going through if the amount of items ordered exceeds the stipulated amount.

NOTICE! If you want to disable Stock Counter completely, for all products, you can do it via “**General Settings**” button on the main view. You need to uncheck “**Enable stock count**” option and click 

Also, you can do it in the Settings list. Check **“EnableStock”**, click Edit Item, delete value **“Yes”** (leave value empty), and save.

Edit Item		M2	
Edit the selected item.		Approvers\$APPROVERS\$ D []	
		Payment Type:\$PAYMENTS\$ D [POD PayPal Check]	
		Entity\$ENTITY\$ D [A B C D]	
		Department\$DEPARTMENTS\$ D [HR IT Accounting R&D]	
2	VendorEmail	sales@artfulbits.com	
3	EmailFrom	noreply@company.com	
4	EnableBidding	Yes	
5	EnableEmailTemplate	Yes	
6	EnableClientEmailTemplate	Yes	
13	EnablePayPal	Yes	
<input checked="" type="checkbox"/>	14 EnableStock	Yes	
15	EnableEmail	Yes	
16	EnableClientEmail	Yes	
17	EnableBiddingEmail	Yes	

“Display stock count for the clients” option provides an ability either to display the number of items in stock for the visitors, or not.

Enable new order email notifications (to the vendor)
 Edit email template Edit email subject template

Enable new order email notifications (to the client)
 Edit email template Edit email subject template

Enable "new bid" email notifications to the last bidder
 Edit email template Edit email subject template

Enable email notifications to the bidding winner
 Edit email template Edit email subject template

Enable email notifications when return product
 Edit email template Edit email subject template

Enable bidding functionality
 Note: To use bidding functionality please activate Timer Job Fe

Enable PayPal

Enable stock count

Display stock count for the clients

Enable new design

Enable returning products

Show sort&search section

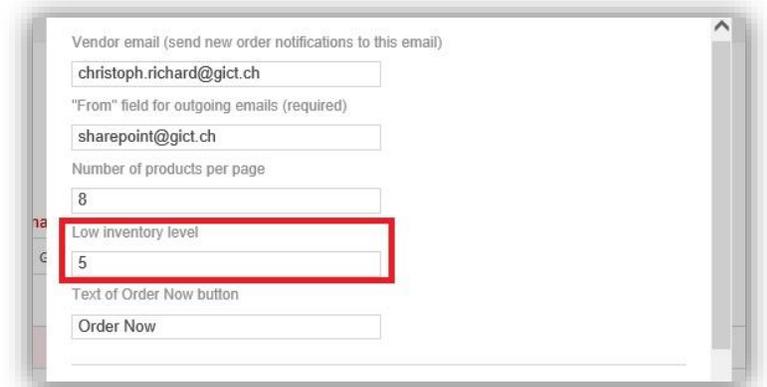
Change Products List Change History List

✓ ✗

Low inventory level notification

Administrator can receive a notification if the inventory level of the product is low. You can set-up a minimum inventory level in General Settings. Each time when the number of items in stock drops below this number, an administrator will receive a standard notification with the corresponding message.

Please, note that it is possible to provide several email addresses in the vendor email field. They should be comma-separated. If there are a few values, all of them will be notified.



The screenshot shows a web form titled "Vendor email (send new order notifications to this email)". It contains several input fields: "christoph.richard@gict.ch" in the first field, "sharepoint@gict.ch" in the second field, "8" in the "Number of products per page" field, "5" in the "Low inventory level" field (which is highlighted with a red border), and "Order Now" in the "Text of Order Now button" field.

Categories and Subcategories

ArtfulBits Shopping Cart provides a 2-level hierarchy of goods categories.

In order to provide 1st level category you need to:

1. Go to **Category List**.
2. Add new item -> Fill in category Title

In order to provide 2nd level category you need to:

3. Go to Subcategory List.
4. Add new item -> Choose category -> Fill in subcategory Title

You can hide filter pane via General Settings.

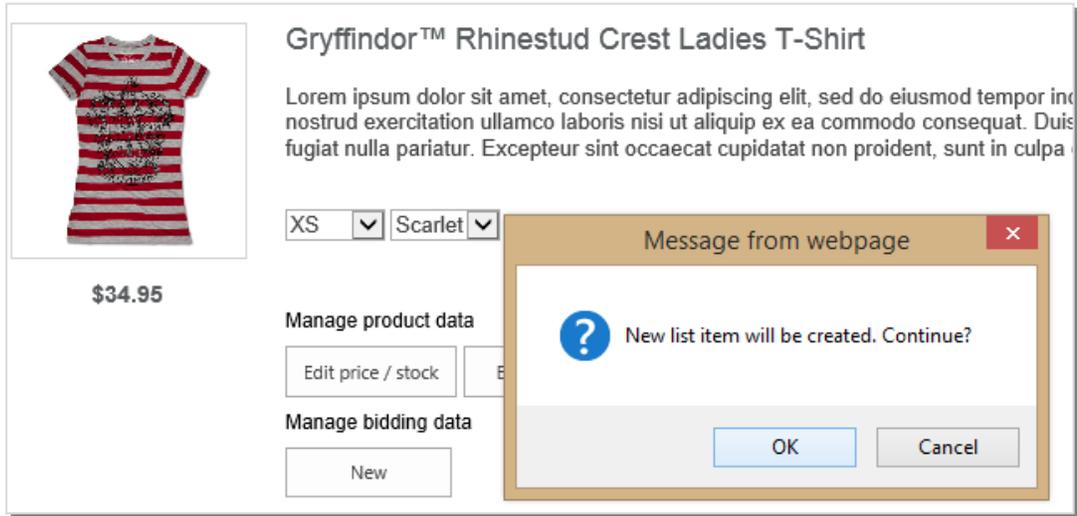
Bidding

ArtfulBits Shopping Cart provides a possibility to bid for products. This feature can be used in various ways. For example, you can create Special Offers category and exhibit products that are available for an auction. The bidding type provided by ArtfulBits Shopping Cart is *Timed Bidding* which allows users to bid at any time during a defined time period, simply by entering a maximum bid.

Manage bidding

- 1) Make sure that you checked "**Enable bidding functionality**" option at the **General Settings**

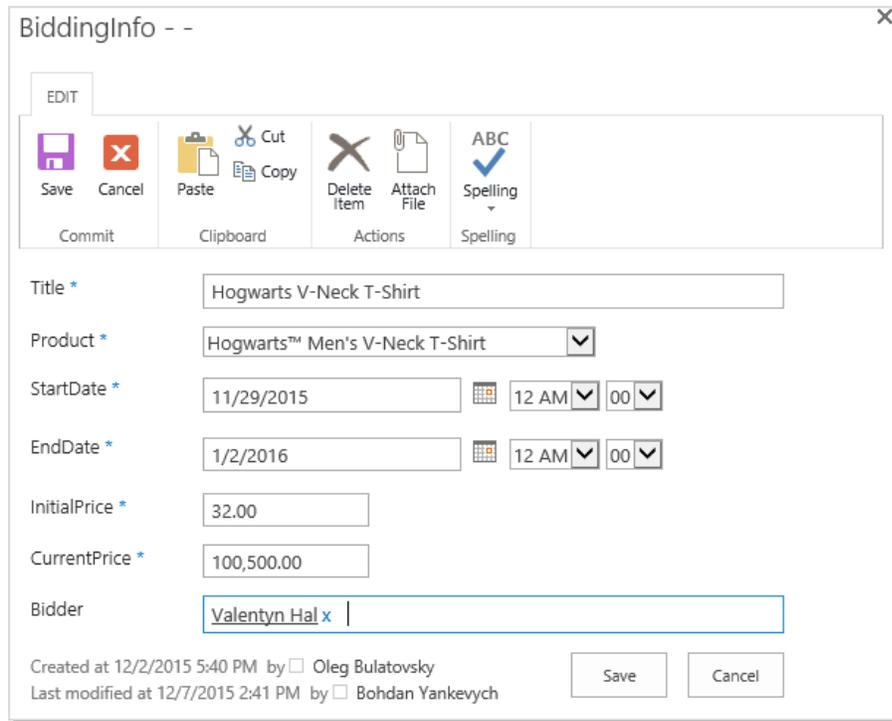
- 2) In order to arrange an auction for the product, you need to click on “New” button under “Manage bidding” section.



The screenshot shows a product page for a "Gryffindor™ Rhinestud Crest Ladies T-Shirt". The product image is a red and white striped t-shirt with a crest. The price is listed as \$34.95. Below the image, there are dropdown menus for size (XS) and color (Scarlet). There are two main sections: "Manage product data" with an "Edit price / stock" button, and "Manage bidding data" with a "New" button. A modal dialog box titled "Message from webpage" is overlaid on the page, containing a question mark icon and the text "New list item will be created. Continue?". The dialog has "OK" and "Cancel" buttons.

- 3) Next you need to provide the following values:
- **Product** – you can change a product here
 - **StartDate** (and time) – the time when the bidding will become open
 - **EndDate** (and time) – the time when the bidding will be over. When the **EndTime** will expire, a notification about it will be visible nearby the product. E.g.: Bidding is over. (end date: December 16, 2015 23:40)
 - **InitialPrice** – the initial price of the bid. Notice that if the product price was provided when [creating](#) a new product, then **InitialPrice** will take precedence over it.
 - **CurrentPrice** – the price the product currently costs (presumably after bidding by someone). **InitialPrice** and **CurrentPrice** can differ in order to provoke an interest from customers.
 - **Bidder** – a bid owner. Bid owner is a SharePoint user who owns the information and receives notifications on the bids made for the product.

4) Click **“Save”**



The screenshot shows a window titled "BiddingInfo - -" with a standard ribbon interface. The ribbon includes tabs for "EDIT", "Commit", "Clipboard", "Actions", and "Spelling". The "EDIT" tab is active, showing icons for Save, Cancel, Paste, Copy, Delete Item, Attach File, and Spelling. Below the ribbon, the form contains the following fields:

- Title *: Hogwarts V-Neck T-Shirt
- Product *: Hogwarts™ Men's V-Neck T-Shirt (dropdown menu)
- StartDate *: 11/29/2015 (calendar icon), 12 AM, 00
- EndDate *: 1/2/2016 (calendar icon), 12 AM, 00
- InitialPrice *: 32.00
- CurrentPrice *: 100,500.00
- Bidder: Valentyn Hal x

At the bottom, there is a metadata section: "Created at 12/2/2015 5:40 PM by Oleg Bulatovsky" and "Last modified at 12/7/2015 2:41 PM by Bohdan Yankevych". There are also "Save" and "Cancel" buttons at the bottom right.

After the information for bidding was created, button **“New”** under **“Manage bidding”** section will be substituted by 2 buttons: **“Edit”** (*allows for editing the information for bidding*) and **“Delete”** (*deletes information for bidding*).

Bidding Process

- After the information for bidding is set up, **“Add to Cart”** button is substituted by **“Bid”**.
- All registered users can place bid.
- Bid amount will automatically be incremented by 1. However a user can place a higher bid. Bid increment lower than the previous bid is not permitted.
- Each time a new bid is placed, bid owner will receive a notification.
- After **EndTime** expiration a notification about becomes visible nearby the product.
- A user which placed the bid will receive a notification about winning a contest. This user will see **“Add to Cart”** button for this product, and will be able to purchase this product. Other user will not be able to order.

Notification of the winner

Notification of the winner by default is not enabled. In order to enable user notification, you need to do the following:

- Central Administration → Application Management → Manage Web Applications → <choose correct web-application> → **Manage Features**
- Find **ArtfulBits.WebParts.ShoppingCart.Timer** and click **“Activate”**

- If bidding will be enabled, but the Timer Job will not be enabled, you will see a message *“Please activate Timer Job Feature in Central Administration”* in the main view.

Notifications are configurable via General Settings. You can manipulate with the message received by the winner in the same way as it is possible to do with other email [templates](#).

PayPal

ArtfulBits Shopping Cart provides a possibility to pay for the product by PayPal. After adding products to the shopping cart, a user can either proceed to check out by clicking on **“Pay via PayPal”** or **“Order Now! (Pay later)”**. With PayPal option a user will be redirected to PayPal for payment, and with **“Order Now!”** option a user will be able to proceed without payment.

In order to set up PayPal option you need to do the following:

1. Make sure that you checked **“Enable PayPal”** option at the **General Settings**
2. Create PayPal business account
3. Create PayPal app

Enable bidding functionality
 Enable paypal
 Enable stock count

Use sandbox environment

Live Endpoint

Live Host

Sandbox Endpoint

Sandbox Host

API User Name

API Password

API Signature

4. Get the following credential set:

- *API Username*
- *API password*
- *Signature*

Use this developer guide:

<https://developer.paypal.com/docs/classic/api/apiCredentials/>

5. Click **“PayPal settings”** and provide *API Username* value, *API password* and *Signature*
6. Make sure that Currency Code corresponds to the chosen currency of your PayPal account and PayPal currency

code nomenclature https://developer.paypal.com/docs/classic/api/currency_codes/

7. Recommended **timeout** is 16000 milliseconds.

8. Click 

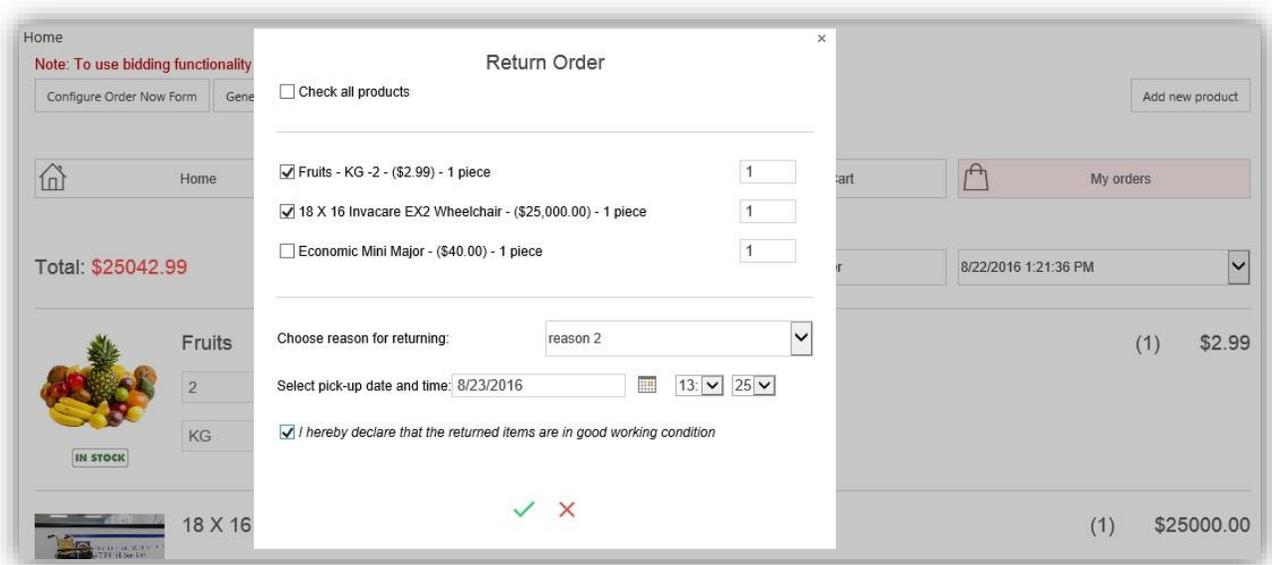
You can test the connection with your account by checking the option **“Use sandbox environment”**. Make sure you use PayPal credential set for the test app in this case.

NOTE: It is recommended to turn on SSL and SessionState in order to use PayPal.

Return products

Return products option can be enabled via General Settings.

After **Return products** option is enabled, a user will be able to see **Return Order button** order in **“My Orders”**.



The screenshot shows a 'Return Order' modal window. At the top, there is a checkbox labeled 'Check all products'. Below this, three items are listed with checkboxes and quantity input fields:

- Fruits - KG -2 - (\$2.99) - 1 piece (quantity: 1)
- 18 X 16 Invacare EX2 Wheelchair - (\$25,000.00) - 1 piece (quantity: 1)
- Economic Mini Major - (\$40.00) - 1 piece (quantity: 1)

Below the items, there is a dropdown menu for 'Choose reason for returning:' with 'reason 2' selected. A date and time picker is set to '8/23/2016' at '13:25'. At the bottom of the modal, there is a checkbox labeled 'I hereby declare that the returned items are in good working condition' which is checked. A green checkmark and a red 'X' are visible at the bottom center of the modal.

User can provide a number of items to return or choose to return all products. Also it is required to specify a reason for the return, select pick-up date and time, if this is relevant, and agree with the statement: *“I hereby declare that the returned items are in good working condition”* in order to process the return.

After confirmation, a notification will be sent to **vendor email** with the link to the information about returned goods. If admin confirms the return, the number of items in stock will be updated correspondingly, and the history of orders will contain the corresponding record about the number of items returned.

Reasons of return

In order to provide reasons of return for the users, administrator should do the following:

1. Open **Site Contents**
2. Find and open *ReturnOrderReasons* list
3. Fill in the list with the reasons you'd like to be chosen by the users in a case of a return

Order Now Form

After adding items to the shopping cart and choosing the payment option, a user is redirected to **Order Now** form. In the case with **"Order Now! (Pay later)"** option, **Order Now** form is called right away. In the case with **"Pay via PayPal"**, **Order Now** form is called after payment confirmation on **PayPal**.

Order Now form can be configured by clicking on **"Configure Order Now Form"** button on the main view of the Shopping Cart.

Special field keys:
NAME: autofilled with the user name
EMAIL: autofilled with the user email
APPROVERS: generates dropdown filled with data from 'Approvers' list. Order form data will be sent to the email of the selected approver.
COUNTRY, STATE, CITY, ADDRESS, POSTALCODE: autofilled with the data from PayPal

NAME	Full Name:	<input checked="" type="checkbox"/> Required	Multiple lines	Properties	X
ZIP	Zip Code:	<input type="checkbox"/> Required	Text field		X
ADDRESS	Street:	<input type="checkbox"/> Required	Text field		X
CITY	City:	<input type="checkbox"/> Required	Text field		X
STATE	State:	<input type="checkbox"/> Required	Text field		X
EMAIL	Email / Phone:	<input checked="" type="checkbox"/> Required	Text field		X
INSTRUCTIONS	Special Instructions:	<input type="checkbox"/> Required	Multiple lines	Properties	X
APPROVERS	Approvers				X
PAYMENT	Payment Type:		Dropdown	Properties	X
ENTITY	Entity		Dropdown	Properties	X
DEPARTMENT	Department		Dropdown	Properties	X

Add field

Order now form contains a set of fields that can be added/deleted/edited. The format of the fields corresponds to the following example, where you can see 4 values:

Field key	Field display name	Required/Non required	Field type
NAME	Full name:	Yes	Multiple lines

Field key is an identifier of the field. It is not visible to the user, but you can refer to it when configuring email templates. Also it is important to remember that even though you can assign **Field key** value arbitrary, but some of the **Field keys** can be autofilled if using PayPal. These Field Keys are: COUNTRY, STATE, CITY, ADDRESS, POSTALCODE But it is not required to use these fields.

Field display name is the name of the field that will be visible on the **Order now** form for the users.

Required/Non required option indicated the type of the information that is required for Order Now form submission.

Field type is the type of the field visible to the user. There are 5 field types available:

1. *Text Field*
2. *Multiple lines*
3. *Dropdown*
4. *People Picker*
5. *Calendar*

In the **Properties** if the **Field types** it is possible to indicate the following:

1. Number of *Multiple lines*
2. Values of *Dropdown*. Notice, that the values of *Dropdown* should be separate with semicolon “;”.

Integration with SharePoint User Profile Service

Administrator can use data from User Profile for Order Now form, if needed. ArtfulBits Shopping Cart supports user profile properties (string fields). For example you may want to create your own field in SharePoint User Profile and get its value into the Order Now form automatically.

In order to do that, you need to create a new field in Order Now form, and indicate a special field key for it: UPP_propertyName Where “propertyName” corresponds to the property of the field in SharePoint User Profile.

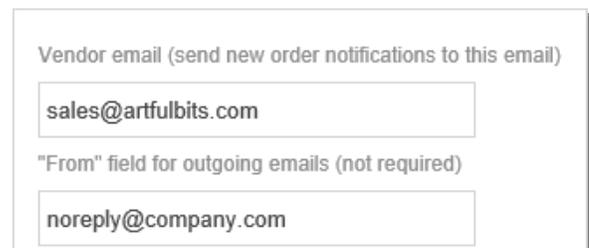
Approvers list

Certain workflows require a choice of the “order manager” or some approver for the order. For example, if there are different departments within a company, then certain orders can be approved only by specific departments. ArtfulBits Shopping Cart provides a possibility to set up a list of approvers by 2 different ways:

- 1) With the help of **APPROVERS field key**, when configuring **Order Now** form
- 2) With the help of **APPROVERS_PP field key**, when configuring **Order Now** form

APPROVERS field key provides a possibility for the user to choose an approver from a predefined list of approvers.

APPROVERS_PP field key provides a possibility for the user to choose any other users who should be notified about the order.



The screenshot shows two text input fields within a form. The first field is labeled "Vendor email (send new order notifications to this email)" and contains the text "sales@artfulbits.com". The second field is labeled "'From' field for outgoing emails (not required)" and contains the text "noreply@company.com".

APPROVERS and APPROVERS_PP **field keys** are not required and can be eliminated from the **Order Now** form. However **Vendor email** in **General Settings** is always required.

So, **Vendor email** in **General Settings** can serve as an inbox that would accumulate notification about ALL orders. If you'd like to notify some different departments about the order you need to use either APPROVERS or\and APPROVERS_PP **field key** (see how to configure [Order Now Form](#) for more details).

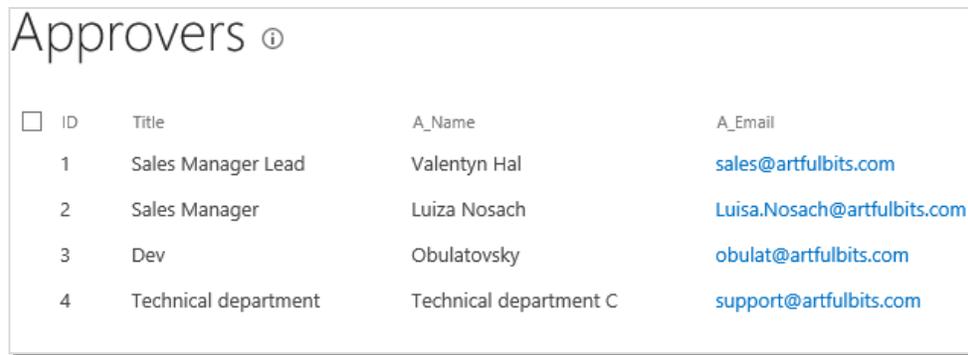
In order to set up the Approvers list, you need to do the following:

1. Open **“Approvers”** list
2. Create new item
3. Provide **Title, A-Name, A-Email**

Title is visible for customer in the list of approvers on the **Order Form**

A-name is a name of the responsible person and is not visible for users.

A-Email is an email where the notification about the order will be received.



<input type="checkbox"/>	ID	Title	A_Name	A_Email
<input type="checkbox"/>	1	Sales Manager Lead	Valentyn Hal	sales@artfulbits.com
<input type="checkbox"/>	2	Sales Manager	Luiza Nosach	Luisa.Nosach@artfulbits.com
<input type="checkbox"/>	3	Dev	Obulatovsky	obulat@artfulbits.com
<input type="checkbox"/>	4	Technical department	Technical department C	support@artfulbits.com

4. Click **Save**

Templates

All email templates as well as price format are adjustable via **General Settings**. There are the following email templates:

To the vendor. This is a template of the email that vendor or approver (APPROVERS or APPROVERS_PP field key – see [Approvers list](#)) receives **after the order was placed**. If values are provided for ALL (vendor email, APPROVERS field and APPROVERS_PP field) than all of these recipients will receive this message.

To the client. This is a template of an email that clients receive after the order is completed.

To the last bidder. This is a template of an email that the **bid** submitter receives, if his **bid** is bitten by someone else.

To the bidding winner. This is a template of an email that is received by the winner of the bidding process in order to notify him.

Notification about returned order. This email is being sent **to the vendor** with the

Email Templates can also be changed via Templates list

NOTE: ProductTemplate is a concise information about the product that can be used for any template with the help of the \$PRODUCT_LIST\$ Field key.

Configuration of email template

In order to configure a template, you need to do the following:

1. Open **“General Settings”**
2. Choose the template and click **“Edit email template”**
3. Use **“Value”** text field for providing the email body content.
4. Combine text and **Field keys**.
5. Notice that different email templates contain different field keys. Use only those field keys that are used with the email template you edit.
6. The format of the Field key for the email should be the following: \$FIELDKEY\$
E.g. Field key APPROVERS for email should be \$APPROVERS\$

ID	Title	Value	Usage																
1	EmailTemplate	<p>New order by: \$NAMES\$</p> <p>Responsibility of:</p> <table border="1"> <thead> <tr> <th>Entity</th> <th>Department</th> <th>Approver</th> </tr> </thead> <tbody> <tr> <td>\$ENTITIES\$</td> <td>\$DEPARTMENTS\$</td> <td>\$APPROVERS\$</td> </tr> </tbody> </table> <p>ORDERED ITEMS: \$PRODUCT_LIST\$ Total: \$TOTALS\$</p> <p>Payment type: \$PAYMENTS\$</p> <p>Shipping Information</p> <table border="1"> <thead> <tr> <th>Street</th> <th>City</th> <th>State</th> <th>Zip Code</th> <th>Email / Phone</th> </tr> </thead> <tbody> <tr> <td>\$ADDRESS\$</td> <td>\$CITY\$</td> <td>\$STATES\$</td> <td>\$ZIPS\$</td> <td>\$EMAILS\$</td> </tr> </tbody> </table> <p>Special Instructions \$INSTRUCTIONS\$</p>	Entity	Department	Approver	\$ENTITIES\$	\$DEPARTMENTS\$	\$APPROVERS\$	Street	City	State	Zip Code	Email / Phone	\$ADDRESS\$	\$CITY\$	\$STATES\$	\$ZIPS\$	\$EMAILS\$	<p>Template of the email that vendor receive after the order was made. You can use all of the fields below in any order and shape:</p> <p>\$NAMES\$ - User Display Name \$SHIP_ADDRESS\$ - Shipping address (includes built-in "Pick Up" checkbox) \$CITY\$ - Shipping city \$STATES\$ - Shipping state \$ZIPS\$ - Zip code \$EMAILS\$ - User's email \$INSTRUCTIONS\$ - Special Instructions \$PRODUCT_LIST\$ - Order Details (format is specified in "ProductTemplate" setting) \$TOTALS\$ - Order Totals</p>
Entity	Department	Approver																	
\$ENTITIES\$	\$DEPARTMENTS\$	\$APPROVERS\$																	
Street	City	State	Zip Code	Email / Phone															
\$ADDRESS\$	\$CITY\$	\$STATES\$	\$ZIPS\$	\$EMAILS\$															
2	ProductTemplate	<table border="1"> <thead> <tr> <th>Product Name</th> <th>Type</th> <th>Size</th> <th>Price</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>\$PRODUCT_NAMES\$</td> <td>\$PRODUCT_TYPES\$</td> <td>\$PRODUCT_SIZES\$</td> <td>\$PRODUCT_PRICES\$</td> <td>\$PRODUCT_COUNTS\$</td> </tr> </tbody> </table>	Product Name	Type	Size	Price	Number	\$PRODUCT_NAMES\$	\$PRODUCT_TYPES\$	\$PRODUCT_SIZES\$	\$PRODUCT_PRICES\$	\$PRODUCT_COUNTS\$	<p>Template for individual products (shown in the email vendor receive after the order was made). You can use all of the fields below in any order and shape:</p> <p>\$PRODUCT_NAMES\$ - Name of the product \$PRODUCT_TYPES\$ - Selected type \$PRODUCT_SIZES\$ - Selected size</p>						
Product Name	Type	Size	Price	Number															
\$PRODUCT_NAMES\$	\$PRODUCT_TYPES\$	\$PRODUCT_SIZES\$	\$PRODUCT_PRICES\$	\$PRODUCT_COUNTS\$															

7. Use standard SharePoint text editing capabilities to enliven your email.
8. In order to edit the subject of the email, click **“Edit email subject template”**. The only field key that can be used for email subject is \$USER_NAMES\$

Configuration of the email “subject” field template

It is also possible to edit “subject” field of all 5 email templates. By default, all 5 subject fields contain certain value In order to change “subject” field, you should do the following:

1. Open **“General Settings”**
2. Choose the template and click **“Edit email subject template”**

Configuration of price template

Price (displayed for the customer) format can be changes by operating with the key \$PRICE\$

Currency symbol should be added to the \$PRICE\$ key. It can be added either before the key, or at the end. E.g.: \$\$PRICE\$ or \$PRICE\$€ or \$PRICE\$dollars

History of orders. Recurrent orders.

ArtfulBits Shopping Cart provides a possibility to save the history of the orders for the specific user, and use it for the next orders, as well as the history of all orders for the administrator.

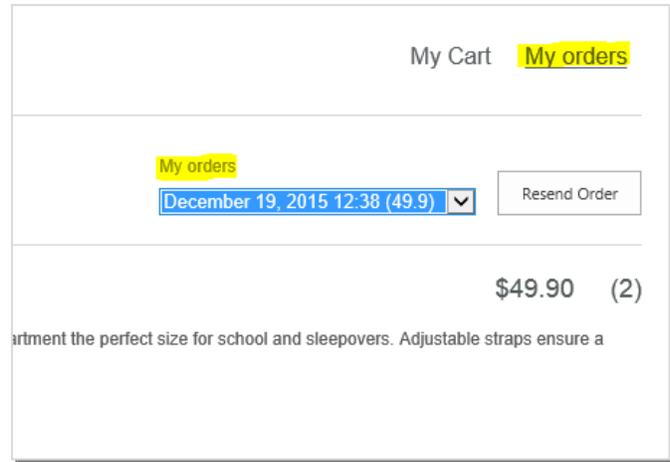
User history

The details of each order are saved for the user under “**My orders**” button.

Orders can be sorted by the date.

Recurrent orders

Orders saved under “**My orders**” button can be used recurrently. If user clicks “**Resend order**”, the order will be added again to the shopping cart, where user can change the details of the order: change amount, add/delete products and purchase it.



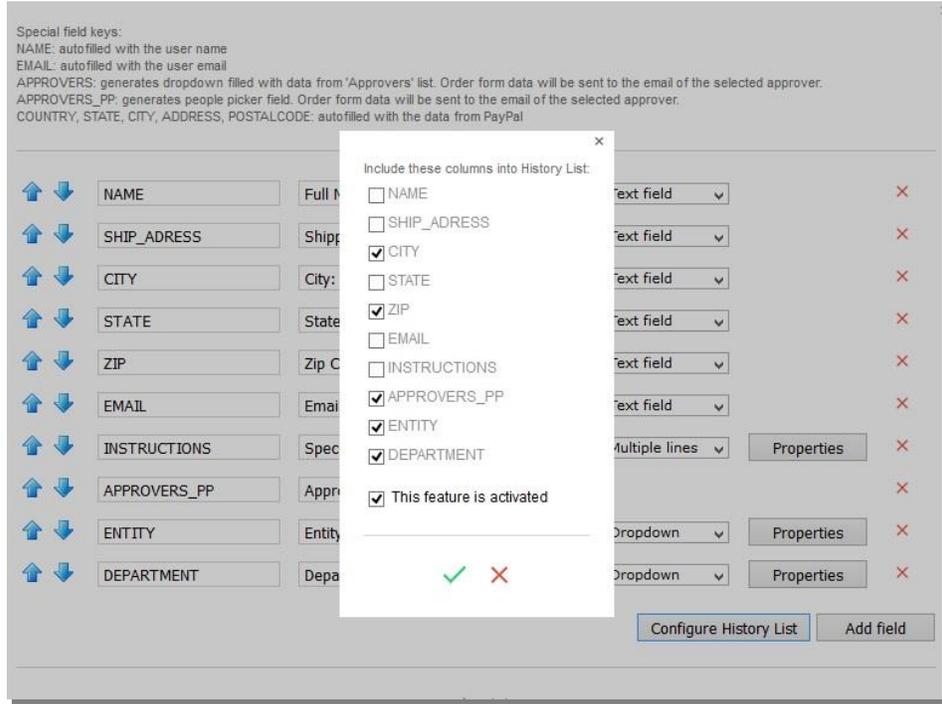
Order history

History list is available for the administrator. The details of each order are saved in the **History list**. **History list** can be modified in order to facilitate the work of the administrator.

In order to modify the History list you need to do the following:

1. Plan the columns, its data type, sequence of columns and their names.
2. Check existing columns in the list. Some of them may already match your requirements.
3. If you need to add some new column to the **History list**, do the following:
 - Open **Configure Order Now Form** and add new Field, click Save

- Open **Configure Order Now Form**, click **Configure History List** and add new Field to the **History list**



- Create a new order, click Pay, provide the value for the fields in the **Order Now Form** , as well as the value for the newly created Field

After that a new column should appear in the History List. Please, note, that in order the column to appear, it must contain some data. That's why you need to submit at least 1 order, so that the column was filled with the data. The result may look like this:

Title	Username	ENTITY	DEPARTMENT	CONTACT	SENT TO	HISTORY	TOTAL	Created
ARTFULBITS\wssuser	WSSUser	Entity A	HR	Kateryna Skvarko	Kateryna.Skvarko@artfulbits.com	Jeans - Red -Big - (\$500.00) - 1 piece Jacket - Green -Medium - (\$500.00) - 4 pieces Jacket - Yellow -Small -	\$3,100.00	3/18/2016 4:09 PM

Order management

Administrator can use a convenient tool for order management by clicking on “Manage Orders” button.

Further, administrator can set up the date range and indicate a specific product for search.
Or just search for all order within a chosen time period:

The screenshot shows an administrator interface with a top navigation bar containing buttons for 'Configure Order Now Form', 'General Settings', 'PayPal Settings', 'Log1', 'Log2', 'Manage Orders', and 'Add new product'. Below this is a 'Home' button and a shopping cart icon labeled '(0) My Cart' and a 'My orders' button. The main area features search filters: 'Start Date' (6/1/2016), 'End Date' (10/31/2016), and a 'Filter by products' field. A 'Search' button is located to the right. Below the filters is a table with the following data:

Order Link	Client	Products
8/22/2016 12:28:35 PM	i:0#.w artfulbits kskvarko	Product 2, -, Big (\$20.00) - 16
10/21/2016 12:28:31 PM	i:0#.w artfulbits kskvarko	Product 3, Red, - (\$29.00) - 1

Search

Users are provided a possibility to search for products by using search line. Search displays all products where the searched words are found. The search results are displayed in the order corresponding to the number of entries that match the search. If zero entries are found, then these products are not displayed.

The screenshot shows a product search result for 'SpongeBob Plush Backpack'. The search pattern is 'Spong'. The product is displayed with an image of a yellow SpongeBob backpack, a price of \$22.95, and a description: 'This fun and functional SpongeBob is ready to go wherever you go. comfortable fit. WARNING: CHOKING HAZARD - Small parts. Not for children und'. The product is available in size 'L' and color 'Black'. Below the product information are buttons for 'Manage product data' (Edit price / stock, Edit product, Delete product) and 'Manage bidding data' (New).

Sorting

ArtfulBits provides a possibility to sort products. There are 2 search attributes: price and date. Therefore the user is able to sort the products by the date (starting from the newest or vice versa) and sort products by the price (starting from the cheapest and vice versa).

The sorting will be performed within the certain category of the products, if user chooses the category, and then sort.

Category: All Products ▾ Subcategory: All Products ▾

Search pattern:  Sorting: lower price first ▾



Food Basket

Bla-bla-bla

King Size Basket ▾ Meat ▾

\$11.98 (4)

Manage product data

Edit price / stock Edit product Delete product

Manage bidding data

New



Gryffindor™ Rhinestud Crest Ladies T-Shirt

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod t
laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in

Release Notes

Version	Notes
v2.1 (July 25, 2017)	<p>Improvements:</p> <ul style="list-style-type: none">• Updated French localization <p>Bugs fixed:</p> <ul style="list-style-type: none">• Fixed compatibility with previous Shopping Cart web part UI
v2.0 (April 27, 2017)	<p>New Features:</p> <ul style="list-style-type: none">• Add function to get field safe from list• Add French localization <p>Improvements:</p> <ul style="list-style-type: none">• Updated Russian localization <p>Bugs fixed:</p> <ul style="list-style-type: none">• Fixed bug with buttons visibility for non-admin• Fixed localization in web methods• Fixed subcategory column visibility in edit product• Fixed bug with category/subcategory filtering
v1.94 (November 1, 2016)	<p>New Features:</p> <ul style="list-style-type: none">• Added new type of field to order now form: Calendar• Manage Orders Page• Order now form supports user profile properties <p>Improvements:</p> <ul style="list-style-type: none">• Dropdowns in order now form can be made required• Added friendly informational popups instead of alerts• Alert is now shown when attempting to use spaces in the 'KEY' field in configure order now dialog <p>Bugs fixed:</p> <ul style="list-style-type: none">• Fixed problem with multiple destination emails in low stock reminder email
v1.91 (August 22, 2016)	<p>New Features:</p> <ul style="list-style-type: none">• Added a possibility to notify vendor about low inventory level<ul style="list-style-type: none">• Added a possibility of editing return order email• Added Date/time to pick-up item for return

	<p>Improvements:</p> <ul style="list-style-type: none"> • Enhanced options for editing order confirmation email • Enhanced options for editing email notifications to the vendor <p>Bugs fixed:</p> <ul style="list-style-type: none"> • Minor fixes
v1.9 (July 27, 2016)	<p>New Features:</p> <ul style="list-style-type: none"> • Added Nintex Workflow support for History and Products lists • Added Russian localization • Added German localization
v1.88 (June 8, 2016)	<p>New Features:</p> <ul style="list-style-type: none"> • Added option to show/hide sort and search section <p>Bugs fixed:</p> <ul style="list-style-type: none"> • Minor fixes
v1.87 (May 30, 2016)	<p>New Features:</p> <ul style="list-style-type: none"> • Added support for multiple values in Vendor email field <p>Bugs fixed:</p> <ul style="list-style-type: none"> • Minor fixes
v1.86 (May 18, 2016)	<p>New Features:</p> <ul style="list-style-type: none"> • Added last bidder and bidding winner email subject template • Added a possibility to provide a reason for return • Added a possibility to notify vendor, approvers and peers about the purchase at the same time <p>Bugs fixed:</p> <ul style="list-style-type: none"> • Bug with NULL value in "vendor email" and "from" field
v1.85 (May 10, 2016)	<p>New Features:</p> <ul style="list-style-type: none"> • Added SharePoint 2016 support • Added client/vendor email subject template • Stock count indicator may be switched off • Added product return functionality • Added possibility to save particular fields from order form to history list <p>Improvements:</p> <ul style="list-style-type: none"> • Bidding winner is now notified via email message
v1.83 (February 23, 2016)	Bug fixes
v1.8 (February 23, 2016)	UI and UX are significantly improved
v1.7	New Features:

<p>(January 25, 2016)</p>	<ul style="list-style-type: none"> • Added integration with PayPal • Added possibility to set up an auction for products • Added counter of items left in stock <p>Improvements:</p> <ul style="list-style-type: none"> • Indicators "Last Piece", "In Stock" and "Sold Out" for products • Rearranged sorting • Added highlighting for search by text results • Added separate page for each product (accessible via url) • Added UI for setting product price and stock count • Added UI for constructing order form • "Order saved" confirmation email to the client <p>Bugs fixed:</p> <ul style="list-style-type: none"> • Bug with repeated orders fixed • Minor fixes
<p>v1.62 (October 15, 2015)</p>	<p>Minor bugs fixed.</p>
<p>v1.6 (July 07, 2015)</p>	<p>New Features:</p> <ul style="list-style-type: none"> • Added "Send Email Upon Order" setting • Added "Approvers" feature • Added German localization
<p>v1.4 (April 15, 2015)</p>	<p>New Features:</p> <ul style="list-style-type: none"> • Added ordering by Price • Added main view filter and sorting • Added second level of categorization (requires new list columns) • Added option to show/hide product in the list (requires new list columns) • "Order Now" form template can now contain dropdown fields <p>Improvements:</p> <ul style="list-style-type: none"> • Product description and image now also displayed on "My Orders" tab <p>Bugs fixed:</p> <ul style="list-style-type: none"> • Minor spelling fix • Fixed crash when no license entered
<p>v1.1 (November 19, 2014)</p>	<p>New Features:</p> <ul style="list-style-type: none"> • Added categorization by size and/or type • Separate price values for any size and/or type combination • Added image gallery • Added site template for easy installation • Added "Send From Email" setting • Added "Price Template" setting <p>Improvements:</p>

- Improved solution architecture
- Email and Price Templates can be edited using built-in SharePoint html editor

v1.0
(July 25, 2013)

Initial Release

See Also



[ArtfulBits Blog](#)

Professional Blog complements and extends SharePoint default functionality with the possibility of adding video or zoomable image and preview, providing tags for the blog entries, supporting the categorization and tags cloud, filtering the entries by category or tag, configurable global settings and many more.



[Cascaded Lookup Column](#)

Cascaded Lookup Column allows building relationship between parent and child columns, the data selected in one field will determine the options presented in another.



[Category Column](#)

Category Column allows tracking, organizing and grouping list items. Outlook 2007 approach for elements categorization, easy indicator color changing and using of advanced tooltip, provide a high professional component style.



[Column Data Adapter](#)

Column Data Adapter is an extension component providing ability to use ArtfulBits Columns in Microsoft Access forms, reports and Microsoft Excel.



[Column Permissions](#)

Column Permissions allows you to manage access to list content on column level. Permissions can be assigned for individual users and for SharePoint groups as well and are effective in forms and list views, as well as in the SharePoint Alerts, RSS, Datasheet and even during exporting to Excel and opening with Access.



[Discussion Column](#)

Need to organize well formatted conversation in the list item without enabling list versioning? Discussion Column is the right choice. Component allows entering rich text with formatting, images, tables, hyperlinks and other features.



Email Web Part

ArtfulBits Email Web Part allows sending e-mail messages directly from Microsoft SharePoint site. You can notify task assigned users, send gratitude or just send regular e-mail message, etc.



Follow-Up Column

Follow-Up Column enables due date flags similar to Outlook follow-up functionality. Applying of flags to the list item allows adding of visual reminder in a natural way.



Image Upload Column

Quick and simple way of uploading pictures. Image Upload Column provides with ability to select a picture using file browsing dialog, upload and display it in the list view.



KPI Column

KPI (Key Performance Indicator) Column is simple graphical scorecards that can be used to evaluate business data against business goals. With this column you reduce risk to overlook information about the status of value.



Link to Document Column

Link to Document Column allows referencing files and folders placed at Document Library and provides easy and intuitive way to download files directly from column. Use this column to provide a browsing interface that allows users to browse to an object to link to instead of typing a URL.



Parent Selector Column

Parent Selector Column is used for organizing hierarchical relations in SharePoint list. Picker dialog allows choosing data from large lists. Standard Lookup column can be easily converted to Parent Selector column and vice versa.



Password Change Web Part

Password Change Web Part allows users to change their own passwords from within the SharePoint environment using standard text box interface (current password, new password and confirm new password).



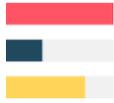
Password Expiration Web Part

Password Expiration Web Part enables Active Directory users to be notified via Web Part interface that their passwords are about to expire. It also automatically sends out email notifications to users before the password expiration date.



Professional Calendar Web Part

Professional Calendar Web Part provides following key benefits: it allows combining events from different SharePoint Lists, from any SharePoint Site, in one Calendar view; allows specifying different color sets for different event sources; supports on-the-fly AJAX-enabled editing features in Outlook like style; and other enhanced functionalities.



[Progress Column](#)

Progress Column provides users with the ability to make SharePoint lists more visualized by displaying numerical data on the page using percentage-based progress bar. Professional progress bar style will make your SharePoint list really modern and stylish.



[Shopping Cart Web Part](#)

ArtfulBits Shopping Cart is intended to provide ecommerce functionality. This web part provides a possibility to exhibit items for sale, its basic information, items images, and price, choose the size or other category of item, submit an order and save order in history.



[Video](#)

Video Column and Video Web Part are powerful controls made for uploading, managing, linking and playing video files. These controls support variety of video files that can be uploaded from computer, or linked from SharePoint library or streamed from direct URL.

Remarks

Information in this document may be outdated. Please, visit <https://www.sharepoint-artfulbits.com/> for the latest product version.