

Required work to complete plugin

A developer is required to create a WordPress plugin that uses Cantook API. The site is a WordPress with Woocommerce, for a book publisher. The site sells papercover books and e-books (PDF and epub). One book title can be in one or multiple formats. The Cantook API is used for e-books selling.

The developer needs to be available immediately and have a high degree of responsibility, autonomy and communication skills. The rest of the project is well under way. The work is mainly PHP programming. **It is really important that the developer knows how to use Git.**

The programmer will join one other Front-End developer that is already working on the project. The job must be completed for December 1st, 2015.

Everything must be done in responsive design.

Responsibilities are :

- Develop required functions for the backend
 - Import e-book price \$ in the WooCommerce variable product
 - Add e-book to cart
 - Complete checkout for an e-book
 - Show generated URL to download the e-book from the confirmation page

Please provide:

- Description of your programming experience with Wordpress and AJAX development.
- Examples of similar past work (links, short description).

Skills Required: **Git** **PHP** **WordPress**

WooCommerce Action Hooks:

<https://docs.woothemes.com/wc-apidocs/hook-docs.html>

Cantook API:

<http://help.cantook.net/support/solutions/articles/4000034847-integration-to-a-web-site>

Create a plugin "Cantook for WooCommerce"

1. configuration screen with the following fields
 - a. Organization ID (ex: 154)

- b. Username (ex: APILUX)
- c. Password (ex: 2BP\$) p4Wt2)

plugin activationHook (completed)

https://codex.wordpress.org/Function_Reference/register_activation_hook

1. Check for Cantook fields exist in the post WooCommerce products such
2. Otherwise, create fields
 - a. **long_description_cantook**
 - b. **table_of_contents_cantook**

Complete product sheet with Cantook (completed)

1. Add a hook on **woocommerce_api_edit_product**
2. SKU WooCommerce keeping the numbers (13 characters)
3. Collect information based *metadata Verifying a publication*
`/api/organisations/[organisation_id]/publications/[isbn].[xml|onix]`
<http://help.cantook.net/support/solutions/articles/4000034849-the-web-services#1p3>
4. Récupérer Contents with the ISBN (Get Contents of a publication)
`/api/publications/[isbn]/toc.[xml|js]`
<http://help.cantook.net/support/solutions/articles/4000034849-the-web-services#2p7>
5. Mise update the fields of product
 - a. **long_description_cantook**
 - b. **table_of_contents_cantook**
 - c. **keywords**

Preview Link (completed)

1. Create a shortcode `Generates`
2. `[ev_cantook_preview]` a link that opens another window `_blank` (as Boréal) reading the SKU from the single product currently selected in the loop WordPress

Check availability for purchase (completed, but code revision required)

1. Add a filter(**woocommerce_add_to_cart_validation**)when adding to cart a digital book (virtual variation)

2. call the API **Simulate a Sale**
 /api/organisations/[organisation_id]/publications/[isbn]/sales/new
<http://help.cantook.net/support/solutions/articles/4000034849-the-web-services#2p1>
3. Si we obtain the error 400: cannot_sell, we refuse adding to cart with an intelligible error message displayed to the client

when buying Provisioning

1. Add a filter on **woocommerce_after_checkout_validation** (could be another)
 - a. Looper on each item in the order, if the product is eBook
 - i. Simulate a Sale
<http://help.cantook.net/support/solutions/articles/4000034849-the-web-services#2p1>
2. Add a filter on
 - a. Loopereach item in the order, if the product is a digital book
 - i. **woocommerce_after_product_ordering** (could be another)
 - ii. Sale of a publication with the
<http://help.cantook.net/support/solutions/articles/4000034849-the-web-services#2p2>
 1. customer_id will client_id of WooCommerce
 2. transaction_id will WooCommerce Order ID
3. Edit the merchant's theme
 - a. Edit the template purchase confirmation message to include the download link
 - i. Get a download link publication
<http://help.cantook.net/support/solutions/articles/4000034849-the-web-services#2p3>
 - b. Modify the template of our theme WooCommerce past orders and display the download link
 - i. **woocommerce_my_account_my_orders_query**
 - ii. Get a download link publication
<http://help.cantook.net/support/solutions/articles/4000034849-the-web-services#2p3>

Cancel a sale

1. Add a hook on **woocommerce_cancelled_order**
2. Call **Sales Cancellation**
 /api/organisations/[organisation_id]/publications/[publication_id]/sales/cancel
<http://help.cantook.net/support/solutions/articles/4000034849-the-web-services#2p4>

