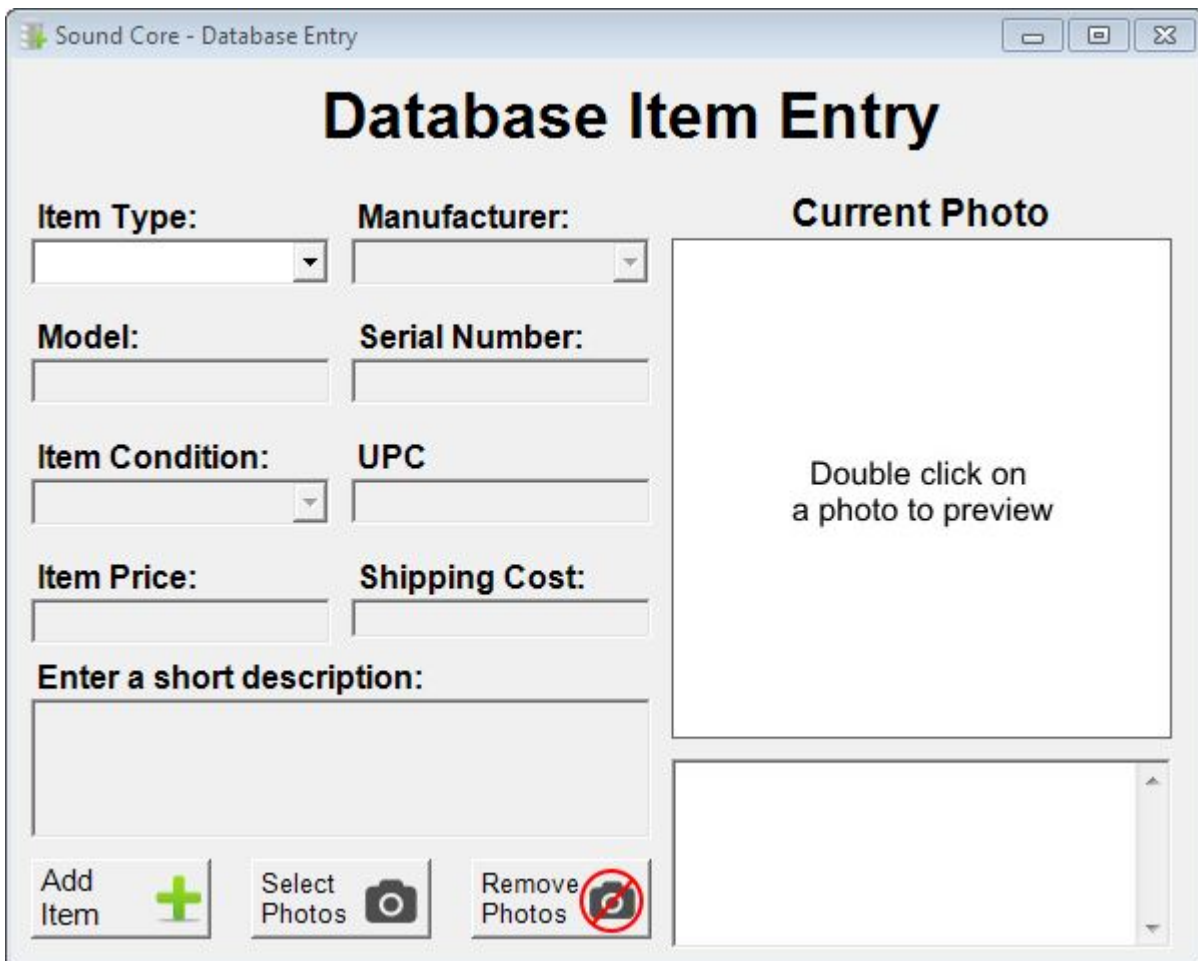# Inventory Entry

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1. Introduction

"Inventory Entry" is a tool used for creating XML documents and web pages to be used on Sound Core Music's website. It is a simple program, consisting of a blank form to be filled out with the item's information including: Item Type, Manufacturer, Model Number, UPC, Serial Number, Retail Price, Shipping Cost, Description, and Photos of the item. After the information is entered correctly, the item will be appended to an XML document containing all the previously entered items and a web page will be created that with the items information.

1. Illustration: The empty form created on program start-up.

2. Adding Items

Adding items is a simple procedure. As an example, we will fill the form with information about a Casio WK-245 Keyboard. Simply fill out the forms with the items information which can be either be found online or on the item's box. Important form fields **require** to be filled in correctly (e.g. non-negative item price, non-negative shipping cost, model number not empty). If information is entered incorrectly a warning window will appear and the field with the incorrect information will have red colored text. These checks are done in order to create web pages with correct / meaningful information. The error windows are uncommon if the item's information is entered correctly.
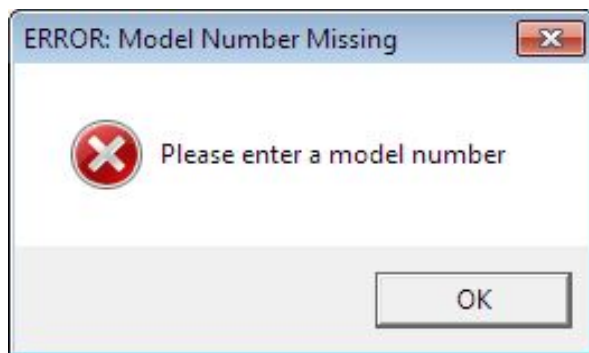
2. Illustration: Error window when a model number field is blank.

3. Illustration: Error window when a negative price is entered.

4. Illustration: Error window when entering an item without any photos.

5. Illustration: Form with information about a Casio WK-245. Photos are missing from this form.
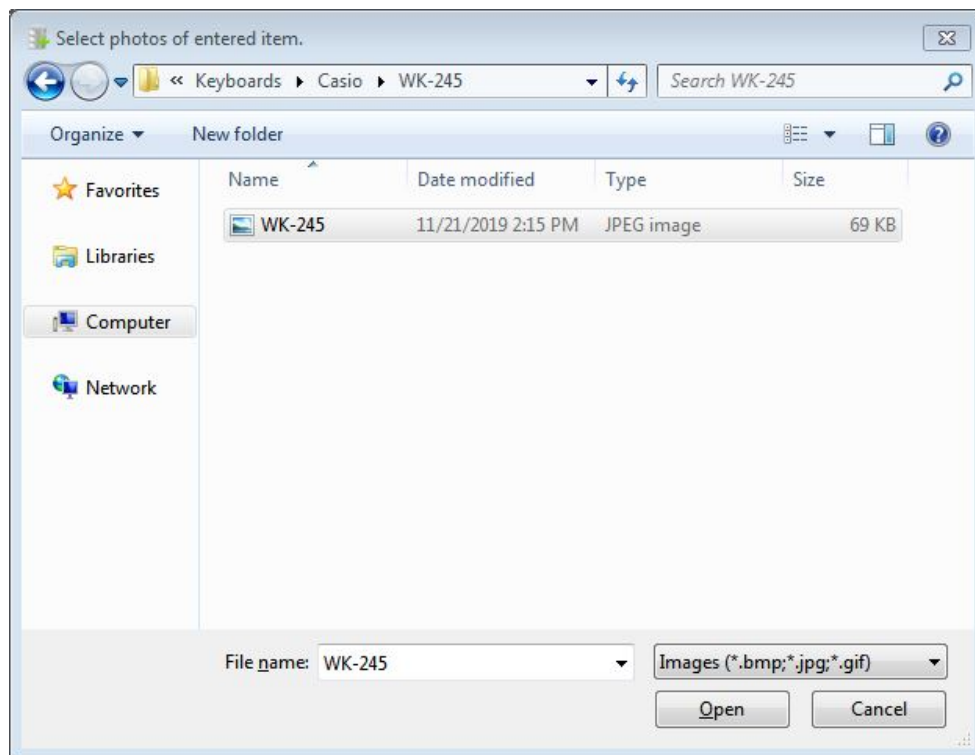
6. Illustration: Selecting a photo for the WK-245
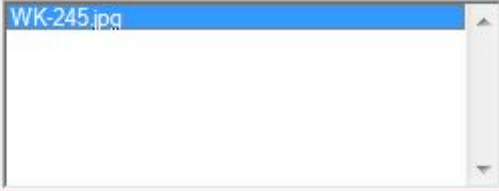
7. Illustration: The completed form with photos and correct information.

After all of the information is entered click on the "Add Item" button to complete adding the item and to create a web page. After the add item button is clicked, two windows will appear indicating the status of upload.
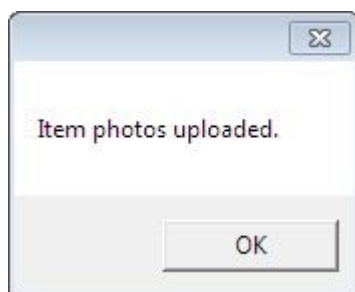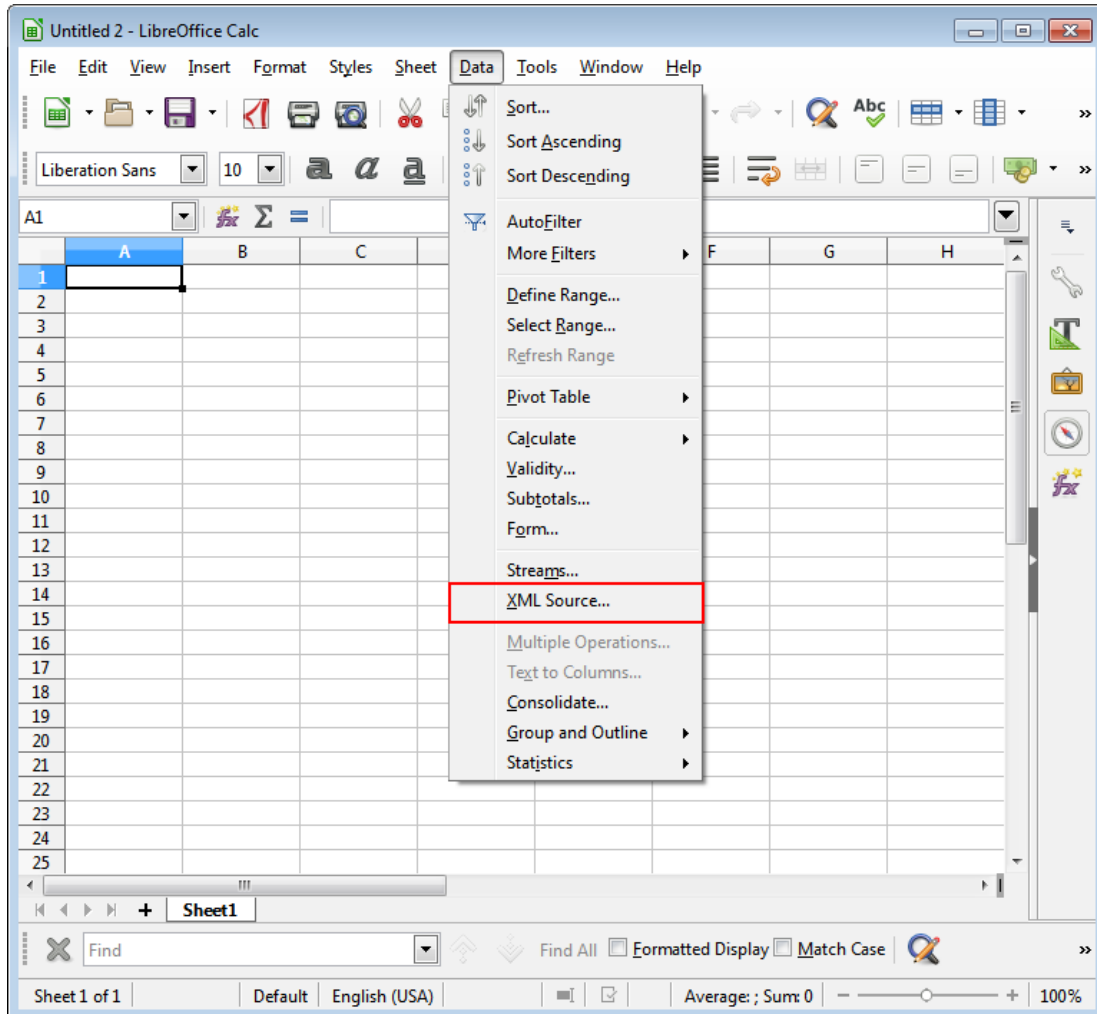

8.Window indicating that the photos have been uploaded.

*9. Window indicating that the item has been added and the web page has been created.*

3. Viewing entered information in LibreOffice Calc

To view previously entered items the user will need to open the XML files with LibreOffice Calc. To do this start up LibreOffice Calc and then go to "Data > Xml Source..."


10. Illustration: Where to find the sub-menu to load XML files

After clicking "XML Source..." a new window will appear. Click on the button with the folder on it to select an XML file to load into the spreadsheet document.
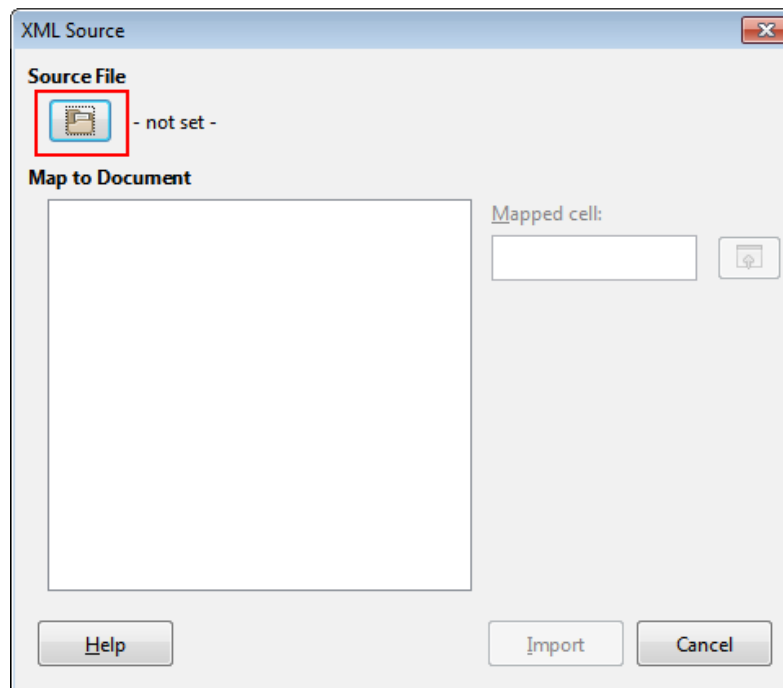
11. Illustration: Button to click on for loading XML Files into spreadsheet document.

Load XML files from the location "**O:\Inventory Entry\XML-Files**" and select one of the Item categories. We will load the file "*Keyboards.xml*" to view the Casio WK-245 that we previously entered.
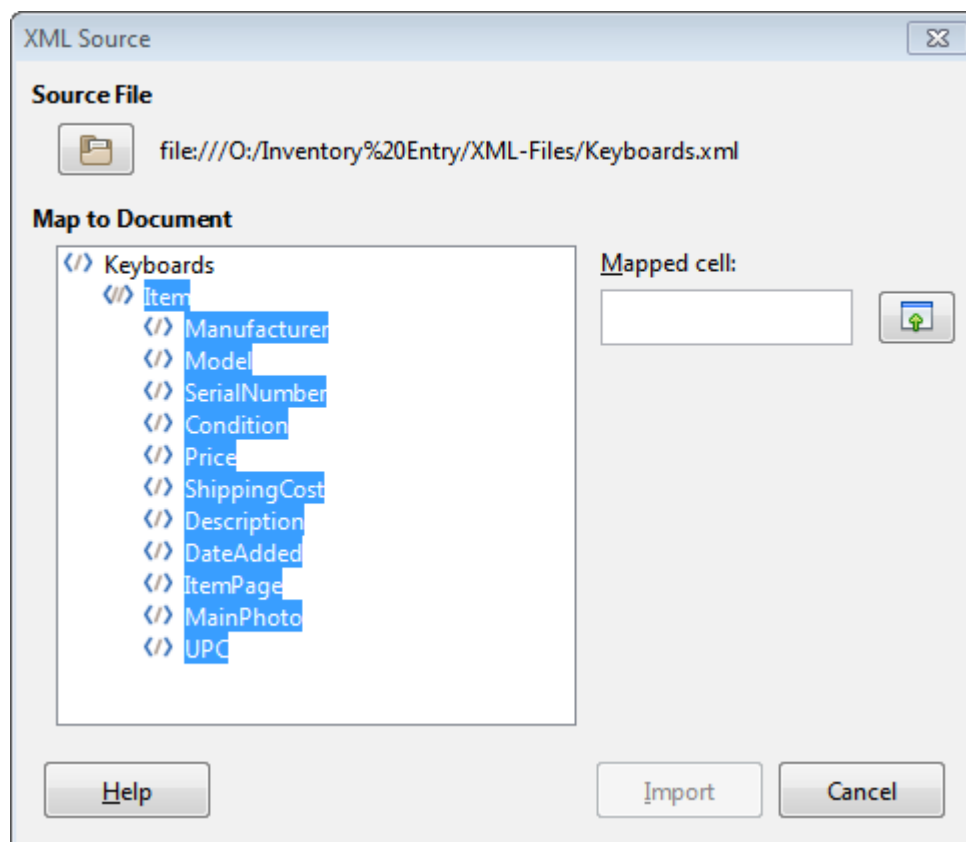
12. Illustration: Selecting the "Item" tree and mapping to a cell.

Select the "Item" and map the cell into "$Sheet2.$A$1". This will load the XML information into the spreadsheet document.

13. Illustration: The spreadsheet after loading the XML information

After you have loaded the information, you can style it however you'd like or remove any columns or rows.

Web Pages can be found in the "Item" directory where the executable is located.

Run the "Add-To-Store" batch file to copy the item pages to the web server and view the web pages in google chrome.