Invoice Search Process:

The user can search by date, invoice number, sku, or description.

Should the search always include the date range? Currently this is how the reports search page works, that would keep the consistency across the platform.

What currently happens when the search field contains a text description? Does the search return no results or does an error get thrown? “Input string was not in a correct format.” What line does the error occur on? SalesHomePage – 204 (fullInvoices = ssm.getInvoice(Convert.ToInt32(txtInvoiceNum.Text));) – The Convert.ToInt32() function cannot handle the Text.

First – Take info from text box and determine if text or int.

Second – If the text box contains text then we need to complete search to return list of skus that match the description (already have a procedure for that returnSearchFromAllThreeItemSets(string searchedText, string location)). In this search the location isn’t even used for anything making it a useless parameter (location string has now been removed from the parameters and procedure returns with no errors).

Third – We now have one of three situations:

1. Our search has an Invoice number.
2. Our search has a Sku number.
3. Our search has a List of Sku numbers.

In cases ii and iii it can be stored in the same object and then looped through to call all matching invoices using a distinct invoice search so that an invoice number is only returned once.

In the case of i it is a simple search. i search can be done first then already current if can handle the rest.

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Search is working but very slow to return results and it is returning duplicate invoices instead of distinct invoices.