## Things to Test:

**Inventory**

* *Inventory Homepage*
  + Inventory Search
  + Return Zero Quantity
  + Add New Inventory
  + Make Purchase
  + Sorting
  + View Item
  + Paging
  + Download search results
* *Inventory Add New*
  + Switch item type
  + Add item
  + Exit item
  + Edit item
  + Save changes
  + Cancel
  + Create Similar
  + Verify that all fields retain their data
* *Purchase Cart*
  + Add purchase
  + Cancel Purchase
  + Proceed to Pay Out
  + Select Different Customer
  + Edit
  + Update
  + Cancel
  + Purchase Amount
* *Purchase Checkout*
  + Cash
  + Cheque
  + Debit
  + Gift Card
  + Enter Cheque Number
  + Purchase Amount
  + Cancel Purchase
  + Return to Purchase
  + Process Purchase
  + Comments
  + Remove MOP

**Login Page**

* *Logging in*
  + Password is still hidden
  + Login button works

**Home Page**

* *Today’s Transactions*
  + Location dropdown
  + Invoices displaying properly
  + Validate data
  + Go to invoice by clicking invoice number
  + Displays access level (Admin/Sales)

**Customers**

* *Customer Homepage*
  + Customer Search
  + Add New Customer
  + Paging
  + Start Sale
  + View Profile
* *Customer Add New*
  + Edit customer
  + Start Sale
  + Exit Customer
  + Save Changes
  + Cancel
  + Verify that all fields retain their data
  + Customer invoices
  + Add customer

**Settings**

* *Settings Homepage*
  + Employee Search
  + Add New Employee
  + Province dropdown
  + Tax selection
  + New Rate
  + As of
  + Set New Tax Rate
* *Employee Add New*
  + Edit Employee
  + Exit Employee
  + Save Changes
  + Cancel
  + Set/Change password
  + Add Employee
  + Verify that fields retain their data
  + Test staff role
* *Importing and Exporting*
  + Verify items were imported
  + Test each Excel import to verify data

**Reports**

* *Cash Out Report*
  + Location
  + Dates
  + Data
  + Calculate
  + Clear
  + Process Cash out
  + Print
* *Purchases Report*
  + Location
  + Dates
  + Data
  + Download
  + Print
* *Tax Report*
  + Location
  + Dates
  + Data
  + Download
  + Print
* *COGS & Profit Margin Report*
  + Location
  + Dates
  + Data
  + Download
  + Print
* *Items Sold*
  + Location
  + Dates
  + Data
  + Download
  + Print
* *Discount Report*
  + Location
  + Dates
  + Data
  + Download
  + Print
* *Sales by Date Report*
  + Location
  + Dates
  + Data
  + Download
  + Print
* *Top Selling Items Report*
  + Location
  + Dates
  + Data
  + Download
  + Print
* *Payments by Date*
  + Location
  + Dates
  + Data
  + Download
  + Print
* *Extensive Invoice*
  + Location
  + Dates
  + Data
  + Download
  + Print

**Sales/Returns**

* *Sales Home Page*
  + Quick sale button
  + Process return button
  + Invoice search
* *Sales Cart*
  + Change Customer
  + Add new customer
  + Invoice Number
  + Date
  + In store
  + Shipping Amount
  + Inventory Search
  + Add Item
  + Remove Edit
  + Update
  + Cancel
  + Discount Dollar
  + Discount Percent
  + Trade In
  + Cancel Sale
  + Proceed to Checkout
* *Trade-In Entry*
  + New SKU
  + Verify data is captured
  + Add item
  + Cancel
* *Sales Checkout*
  + Cash
  + Visa
  + MasterCard
  + Debit
  + Gift Card
  + Remove GST
  + Remove PST
  + PST automatically removed
  + Amount Owing textbox
  + Cancel Sale
  + Return To Cart
  + Remaining Balance Due value
  + Process Sale
  + Comments
  + Employee Passcode
* *Printable Invoice*
  + Invoice number
  + Customer info
  + Store info
  + Item info
  + Payment breakdown
  + Methods of Payment info
  + Print
  + Home
* *Returns Home page*
  + Searching with invoice number
  + Searching with customer name
  + Searching with customer phone number
  + Searching by date
* *Returns Cart*
  + Amount to Refund
  + Return Item
  + Cancel Return
  + Reimburse Customer
  + Invoice number
* *Returns Checkout*
  + Cash
  + Visa
  + MasterCard
  + Debit
  + Gift Card
  + Refund amount textbox
  + Cancel Return
  + Return to Cart
  + Process Refund
  + Comments
  + Remaining Refund data

## NOTES:

**General Ideas:**

* Invoice 1212-1: I sold a single item to a customer based out of Nova Scotia. I added 20$ shipping to it. Nowhere on the invoice does it show or record the shipping total, but it was added. Taxes didn’t show in the sales checkout but were applied to the end total and show on the invoice. 15$ item + 20$ shipping + 2.25$ tax

**Inventory Homepage:**

* Searching for a sku number could return the information even if it is a zero-quantity item. This would help prevent confusion.
* Wishlist: it would be cool to see recently made/added/edited items on this page, but we have no way of knowing when they were last updated/added

**Inventory Add New:**

* Have the validation for the quantity accept only ints and not doubles. This will prevent an issue when adding to the DB. (errorTrackingID: 1725)
* After saving or editing an item, have a button to add a new item listed below. This removes the need to go to another page to create an item.

**Purchase Cart:**

* Remove an item in the cart.
* Number validation on the cost textbox

**Purchase Checkout:**

* If the user wipes out value in the Purchase Amount textbox and enters a value, it will be positive and will give wrong info. (Was: -575.97. Now: .97 Amount Owing: -576.94)
* Number validation on the Cheque number
* You can use a Cheque number that was already used
* Wishlist: Size limit for the Cheque number. (errorTrackingID: 1728)

**Discount Report:**

* Store selection doesn’t alter the data. It is returning for all stores

**Top Selling Items Report:**

* Double check the query to make sure the amounts are adding up properly. Not just a count of how many times its been sold but make sure it’s the actual quantity being read.

**Trade-Ins By Date Report:**

* It pulls up dates that have 0$ of trade ins. Confirm if it pulls for any date that sales were done and adds up that way.

**Cash out:**

* The area where the user enters the values is a little blurry on the printed page. Maybe it is due to a different font?
* Wishlist: View previous cash outs and have the ability to finalize them

**Settings – Employees:**

* Wishlist: Have a way to filter employees for inactive and active

**Settings – Changing Taxes:**

* When you set a new tax rate, it clears the date box. Minor annoyance
* Can’t change the same tax twice on the same day

**Settings – Export Invoices:**

* It’s not exporting the last invoice. Need to look at the loop.

**Settings – Export Accessories, Clothing, Clubs:**

* Convert the download to the rest. They are currently being created and put directly in the downloads folder without any notification other than a “Complete”.
* Update the item search methods.

**Sales – Homepage:**

* Searched with an invoice number(1179), and returned the searched invoice and the three that had been done that day(15-2-18). Looks like the calendar is also being taken into consideration.
* Wishlist: Download an excel sheet of the info returned in the invoice search(Kind of like the export invoices in the settings except this is a custom selection)
* Have the calendar only be taken into consideration if the selected dates are not the same as the current date?

**Sales – Cart:**

* Added a trade in item with a quantity of 5. Upon returning to the cart, the quantity is set to 1 and I am unable to change it as the quantity exceeds the remaining inventory. In the DB, its quantity is set to 5.
* Number validation for the discount boxes
* Number validation for the shipping
* The trade-in items still don’t show up without a page refresh

**Sales – Checkout:**

* When you return to the cart, the shipping is lost
* The *owing* textbox needs number verification. I put random letters in it and it caused an error. (errorTrackingID: 1729)
* If the tax is HST, the label and button to remove the tax is missing. The dollar amount is shown and it is recorded
* When the tax is QST, the remove pst button says “QST”. When you click it, it switches to “Add PST” and “Remove PST”
* CHECK: Does Quebec have GST? On invoice(1230-1) it is included

**Returns – Homepage:**

* When searching, it also pulls all invoices on the date selected. If I search for a specific invoice, it returns more data than needed.

**Returns – Cart:**

* Wishlist: Have a few items in the cart with the same sku but with different refund amounts

**Returns – Checkout:**

* Confirm: It would be nice to not have to worry about the negative sign in the textbox. Currently when you wipe out the whole textbox and enter a dollar amount, it won’t do what you want it to do because of a positive number and negative number. They might want to keep the minus sign in there because there might come a time where they need to add to the amount owing but I’m not sure of that.

\*\*NOTE: Import not tested

TODO:

1. Number validation on
   1. Inventory Add New – Quantity
   2. Purchase Cart – Cost textbox \*\*BoundField
   3. Purchase Checkout – Cheque Number
   4. Sales Cart – Discount box \*\*BoundField
   5. Sales Cart – Shipping amount
   6. Trade-ins – Quantity, Cost, and Price
2. Update the item exports on the settings page to use the current methods
3. Update the export invoice to include the last invoice
4. Find out why HST and QST are causing issues and resolve
   1. The remove PST button is hardcoded to say Remove PST. There is a note in the code mentioning that we need a way to get the tax name. I think that this can be done in the Sales code cleanup.
5. Invoice search so that the date is considered if it is not the current date and there is nothing in the search criteria textbox
   1. Currently searches based on startDate, endDate, txtInvoiceNum, and the selected location. Returns everything between the dates, even if you only want just the one invoice returned.
   2. Example: I search for the invoiceNum 1230 which happened on 2-16-18. The search returns that invoice and any that were done on the day of the search.
   3. Example: If I search for the invoice, 1249, it will return the invoices 1249-1 and 755-1. The reason for this is the formers invoice number is 1249 and in the latter as item is sold with the sku 41249.
      * Case 1: Same dates, nothing in the searchbox – Returns that days invoices
      * Case 2: Same dates, text in the searchbox – Returns the invoices that match the search criteria
      * Case 3: Different dates, nothing in the searchbox – Returns invoices between the dates
      * Case 4: Different dates, text in the searchbox – Returns the invoices that match the search criteria and any invoices between the dates
6. Shipping is not being added up on the extensive invoice report