Project Notes and Development

* Inventory Front End
  + Search Function
    - List to display results
      * Organize by search param
    - Filter Results button
  + Display Choice Screen
    - Must contain all information
      * Information can be edited
    - Must have save button
    - Must have an export button
    - Must have picture of choice
    - Must have back button
    - Must be implemented in the template on github
* Inventory Back End
  + searchInventory(String): String[]
    - displayResults()
      * organizeResults(String): String[]
    - filterResults(T filter): String[]
  + populateSearchWindow()
    - saveChanges(T item): T item
* Sales Front End
  + YTD, Previous YTD, Yearly Sales
    - Reads CSV data and generates and embeds google chart and relevant features
  + Calendar Day Sales for date, Calendar Day Sales for holiday, relevant daily sales
    - Reads CSV data and generates and embeds google chart and relevant features
  + Transaction information sales: unit price sold, average sale value, relevant unit prices
    - Reads CSV data and generates and embeds google chart and relevant features
  + Transaction information units: total units sold, units sold per transaction, relevant unit info
    - Reads CSV data and generates and embeds google chart
  + Tickets, Returns, Alerts
    - Takes in relevant data and returns a dashboard displaying chosen data analytically represented
      * Tickets today vs last year, number of tickets >5
      * Returns for year, month, week, day, problem items, returns > 10
      * Price error, item OutOfStock(OOS), item limited, item OverStock(OS)
  + Must Have Refresh button
  + Each of the first four dashboards need an export button
  + Would be nice but not needed to have floating dashboards that look good
  + Must be implemented inside the current HTML template provided on the github
* Sales Back End
  + populateDashboards()
  + refreshDashboards()
* Excel/CSV translator
  + readDBOne()
  + readDBTwo()
  + readDBThree()
  + readDBFour()
  + exportDBOne()
  + exportDBTwo()
  + exportDBThree()
  + exportDBFour()
* MySQL Database stored online
  + Needs inventory table containing
    - Item Number
    - Item Description
    - Style Number
    - Stock Keeping Unit
    - Long Description
    - Original Price
    - Current Price
    - Brand Label
    - Color(Hex)
    - Material
    - Size
    - Style
    - Season
    - Gender
    - Iteration
    - Month Received
    - Picture file
  + Needs Stock Keeping Unit Table containing
    - Season
    - Gender
    - Style
    - Material
    - Iteration
    - Style Number
    - Color(Hex)
    - Size
    - Stock Keeping Unit
  + Needs to be paired with java to populate fields on screen display and save new items