# Additional Feedback on BuilderDC mockup

Thursday, May 16, 2019

Includes feedback from key folks (Ray, Robin & Kristen) and George's additional observations.

## Microphone icon set

* By Default, the STT should be on OFF.
  + Applies to BOTH main toolbar and all the Comment editing UIs

## Main Menu

* + Reports | Inspection Summary:
    - Do not pop up Comments UI, instead present a dialog box:  
      "Not Implemented Yet" (OK)
  + Tools | Switch file / inspector:
    - Hide open windows and present the login screen again
    - Tools | by default have the View Assigned Systems check marked rather than View All Systems.

## Main toolbar:

* + The Microphone icons should ONLY be displayed when the User has the DETAILS tab under INVENTORY selected.
  + Comment out the Copy Inspection icon (as we have an option to copy inspections on the Copy Inventory UI)
* Upon closing of BDC by Inspector, run a full QC check and if unresolved issues remain, provide message:
  + "Note: There are remaining unresolved issues, and the BRED file / BRED package are not ready for upload. "OK / Cancel Exit".
* Space between photos (as mentioned before)

## FACILITY COMMENTS UI:

* + Just for facility comments, remove/hide Copy button on toolbar. (the Copy function applies to all the other comment UIs)

## INVENTORY DETAILS TAB:

* + Add a copy of the Barcode scanner button on the right of the field (currently) labelled Detail ID number. (Should be implemented as an array I think: 0: Results of barcode scanning go to ID Number, 1: Go to Serial Number.)
  + Rename "Detail ID Number" label to "ID Number"

## INVENTORY SECTION TAB:

* + Please add a check box behind The P/C Type picklist: All. Default NOT checked.
  + When the All checkbox is not checked (default) present these most-common options:
    - Alkyd Paint
    - Latex Paint
    - Latex Stain
    - Varnish Surface Sealer
  + When the All checkbox is checked, please present this full list of choices:
    - PAINT\_TYPE\_DESC
    - Alkyd Gloss Enamel
    - Alkyd Glss Enl-Low in VOC
    - Alkyd High Gloss Enamel
    - Alkyd Modified Oil Paint
    - Alkyd Paint
    - Alkyd Primer-Enl-Undercoat
    - Alkyd Resin Paint
    - Alkyd Semigloss Enamel
    - Alkyd-Resin Varnish
    - Alumin Hear Resist 1200 F
    - Aluminum Paint
    - Asphalt Varnish
    - Chlorin Rubber Intermedia
    - Enamel: Floor and Deck
    - Gen Purpose Wax, Solvent
    - Gloss & Semigloss Latex
    - Heat-Resist 400 degF Enml
    - Iron-Oxide Oil Paint
    - Latex Acrylic Emulsion
    - Latex High Traffic
    - Latex Paint
    - Latex Primer Coating
    - Latex Stain
    - Latex Surface Sealer
    - Low Sheen Oil Varnish
    - Moist Curing Polyurethane
    - Oil Stain
    - Phenolic-Resin Spar Varni
    - Iron/ZincOx,Lnsd Oil/Alkd
    - Rubber Paint (Swim Pools)
    - Rubber-Base Paint
    - Rubbing Oil Varnish
    - Semi-Transparent Oil Stain
    - Semigloss Enamel
    - Silicone Alkyd Paint
    - Textured Coating
    - Two-Part Epoxy Coating
    - Varnish Surface Sealer
    - Water-Emulsion Floor Wax
    - Water-Resist Spar Varnish
    - Zinc Rich Phenolic Varnish
    - Zinc-Molybdate Alkyd Prim

## ADD NEW SYSTEM UI:

* Reword to: "Select system to add to {BUILDING ID} from picklist:"

## INSPECTION TAB:

* Does not scroll down

## COPY INVENTORY UI:

* + Section Name's text box to be changed to Combobox; to allow selection from list OR add a new one.

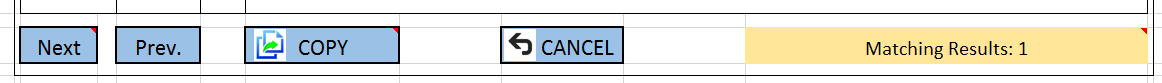
## MISSING: Copy Sections UI:

* + Is the same as the COPY INVENTORY UI (including change to COPY INVENTORY UI ABOVE)with these differences:
    - "COPY INVENTORY…" window caption -> "COPY SECTION(S)…"
    - Section Name text box now enabled, white background
    - The label "Section Name:" -> "New Section Name:"
    - The label "Systems to copy:" -> "Section(s) to copy:"
    - In the list change the mock data to the following section names:
      * D201001 Waterclosets
      * D201002 Urinals
      * D201003 Lavatories
      * D201004 Sinks
      * D201005 Shower/Tubs
      * D201006 Drinking Fountains and Coolers
      * D201007 Bidets
      * D201090 Other Plumbing Fixtures
      * D201099 Emergency Fixtures

## INSPECTION COMMENT UI

* + Window title: INSPECTION COMMENT~~S~~ -> INSPECTION COMMENT
  + Replace " INSPECTION COMMENTS This is a two-line auto-wrap text field" with something more realistic:  
    Inspection Comment on 11507 - FL1 - D302001 BOILERS - <Inspection Date>
  + Tool tips for the icons:  
    
  + Left to right:  
    Microphone ON  
    Microphone OFF  
    Copy Inspection Comment…  
    Distress Picklist  
    Spellcheck  
    Delete comment  
    Return (without saving)  
    Save & Mark for Review  
    Save

## COPY INSPECTION COMMENT UI

* + Currently only available when on the Inspection Comment UI, should also be selectable from the Copy INSP. Toolbar
  + The height is beyond 900 pixels and needs to be reduced, try 700 pixels.
  + The width is too great as well; reduce by 30% or so, so that it fits around 1300 pixels?
  + Grid comments:
    - Facility column: reduce width to fit
    - Code column: reduce width to fit
    - Rows: enable auto wrap.
  + "Rated as" radio buttons: Default to "Any"
  + UI appeared to be missing the command buttons (as seen in the wireframe), however on the Surface device I could see them:  
    
  + Please add the following mock data for a more-realistic view, OK to add them all to facility ID 11507. Code: X####1 and on.:
    - R- OPERATIONALLY IMPAIRED - The hot water pump is severely operationally impaired, as the pump housing cover has been removed. CORRODED - There is mild corrosion on more than thirty percent of the surface of the pump housing cover.
    - A- MOISTURE/DEBRIS CONTAMINATED- There is mild moisture/debris contamination along 10 percent along the bottom of the east wall.
    - A DAMAGED- Twenty percent of the wall has minor damage from dents and scratches along the bottom.
    - A DAMAGED - There are major scratches, peeling, and chipping of 90 percent of the floor sealant.
    - R OPERATIONALLY IMPAIRED - The fire alarm control panel is significantly operationally impaired due to security trouble light and beeping alarm sound.
    - R- The enclosed breaker is approaching the end of its design life. Repair recommended.
    - R+ The exhaust fan located in the Mech room has significant surface corrosion. Recommend replace.
    - Y- Sink in men's room has no handle or faucet and moderate rust around handle opening. Sink in women's room has no handle.
  + Unable to tell (because there is only a single row), but selecting any cell should highlight the row

## o Distress popup UI missing

* + Popup shows a list where the inspector can select a single distress and then tap an OK button or click the Cancel button.
  + The height and width should be just right to show ALL items and row of buttons without scrolling:
    - ANIMAL/INSECT DAMAGED.
    - BLISTERED.
    - BROKEN.
    - CAPABILITY/CAPACITY DEFICIENT.
    - CLOGGED.
    - CORRODED.
    - CRACKED.
    - DAMAGED.
    - DETERIORATED.
    - DISPLACED.
    - EFFLORESCENT.
    - ELECTRICAL GROUND INADEQUATE OR UNINTENTIONAL.
    - HOLES.
    - LEAKS.
    - LOOSE.
    - MISSING.
    - MOISTURE/DEBRIS CONTAMINATED.
    - NOISE/VIBRATION EXCESSIVE.
    - OPERATIONALLY IMPAIRED.
    - OVERHEATED.
    - PATCHED.
    - ROTTEN.
    - STAINED/DIRTY.

## INVENTORY SECTION COMMENT UI

* + Add tooltips as described earlier for INSPECTION COMMENT UI
  + Between the toolbar row and the memo text box add a new row:
    - Label: "Stock comments:"
    - Then Pulldown list (not combo) that goes all the way to the right  
      Add the following four examples please:
      * Component was not visible for inspection. The component condition will be age-based by BUILDER program degradation curves
      * The component is not visible for inspection or population of Section Details. The component condition will be age-based by BUILDER program degradation curves and no nameplate data or inventory photo will be provided
      * The component is not visible for inspection and the quantity was estimated based on architect/engineering judgment. The component condition will be age-based by BUILDER program degradation curves
      * The component is located in a secure area of the facility that did not allow electronic devices to be used. Photos were not obtainable The component condition will be age-based by BUILDER program degradation curves

## INVENTORY DETAILS COMMENT UI

* + Same as described above for INVENTORY SECTION COMMENT UI, but with the following stock comments in the picklist:
    - * The section is not visible for population of Section Details. No nameplate data or inventory photo is provided
      * The section is not visible for inspection and the quantity was estimated based on architect/engineering judgment.
      * The section is located in a secure area of the facility that did not allow electronic devices to be used. Photos were not obtainable

## QC tabs (both)

* + Please remove the dynamic background color changing action on the Refresh icon.